



DANTHERMGROUP

PROFESSIONAL PORTABLE  
**CLIMATE SOLUTIONS**

HEATERS, DEHUMIDIFIERS, COOLERS, VENTILATORS, AIR CLEANERS,  
DISINFECTION & MEASUREMENT TOOLS

**Dantherm**<sup>®</sup>  
CLIMATE SOLUTIONS

 **TROTEC**  
CLIMATE SOLUTIONS

 **MASTER**<sup>®</sup>  
CLIMATE SOLUTIONS





## About the Dantherm Group

Dantherm Group is a European leader in portable and installed climate control solutions for a wide range of industries and uses. Based on the heritage of the variety of brands we own, our climate control experts build and manufacture hundreds of thousands of exceptional heating, cooling, dehumidification, air cleaning and ventilation units in our own factories in Europe every year.

All of them are designed to create healthy and comfortable climate surroundings in a sustainable, energy-efficient and cost-effective way.

## Why partner with us

- ✓ European design quality
- ✓ Experts in climate control
- ✓ Extensive range of solutions





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Discover our  
climate solutions

[danthermgroup.com](https://danthermgroup.com)





A construction site at sunset. A large crane is positioned on the right, its arm extending across the top of the frame. Three workers in safety vests and hard hats stand on a rebar-reinforced concrete slab, looking at blueprints. The background shows a cityscape under a warm, orange-hued sky. A bright yellow diagonal bar separates the image from the text below.

DANTHERMGROUP

PROFESSIONAL PORTABLE  
**HEATING SOLUTIONS**

FOR CONSTRUCTION, AGRICULTURE, WAREHOUSES, FACTORIES, BUILDINGS  
AND RENTAL COMPANIES

 **TROTEC**  
CLIMATE SOLUTIONS

 **MASTER**  
CLIMATE SOLUTIONS



B 35  
B 70



B 100  
B 150



B 300



- Low pressure heaters
- High air flow
- Two oil filters – oil tank filter and suction filter
- Thermally protected motor
- Electronic flame control with photocell
- Stainless steel combustion chamber
- Trolley included for B 100, B 150 and B 300
- Oil tank with level indicator
- Designed for easy handling and transportation
- Easy maintenance
- These heaters can burn: biofuel HVO 100, diesel or kerosene

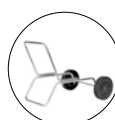
## Optional accessories



**Analogue thermostat  
TH5 with cable**  
3m - 4150.109  
10m - 4150.112



**Digital thermostat THD  
with cable**  
5m - 4150.133  
10m - 4150.134



**Trolley**  
B 35, B 70  
4103.925



**Consumables packs**  
B 35 - 4519.012  
B 70 - 4519.013  
B 100 - 4519.014  
B 150 - 4519.015  
B 300 - 4519.001



Direct oil heaters are highly efficient devices that provide large volumes of instant heat where it is required. They are ideal for open or well-ventilated areas like factories, warehouses or construction sites.

Ventilation of the room is necessary to prevent a deficiency of oxygen. Master direct heaters are known for their efficiency, robustness, ease of use and operational safety.



**Master B 35 heating a garage**



**Master B 150 on a construction site**

Specifications	Units	B 35	B 70	B 100	B 150	B 300
Heating power	kW	10	20	29	44	44/88
	Btu/h	34,200	68,300	99,300	150,500	150,500-301,000
	kcal/h	8,600	17,200	25,000	37,900	37,900-75,800
Air flow	m³/h	280	400	800	900	900/1,800
Fuel autonomy	h	16	10	16	10	23/12
Thermostat control		Analogue or digital	Analogue or digital	Analogue or digital	Analogue or digital	Analogue or digital
Fuel consumption	l/h	0.9	1.9	2.7	4.2	4.2/8.4
Power supply	V/Hz	220/240/50-60	220/240/50-60	220/240/50-60	220/240/50-60	220/240/50-60
Electric power	kW	0.08	0.18	0.23	0.28	0.28/0.56
Rated current	A	0.35	0.8	1.0	1.2	1.2/2.4
Electric box protection		IP41	IP41	IP41	IP41	IP41
Tank capacity	l	15	19	44	44	105
Product size (l x w x h)	mm	745 x 300 x 405	745 x 300 x 405	1075 x 600 x 480	1075 x 600 x 480	1240 x 670 x 640
Box size (l x w x h)	mm	810 x 350 x 450	810 x 350 x 450	1110 x 400 x 450	1110 x 400 x 450	1600 x 750 x 900
Net/gross weight	kg	14/16	15/18	25/28	25/28	53/70
Pallet	pcs	15	15	10	10	1
Dual voltage		No	No	Available	Available	No



**B 180**



**B 230**



**B 360**



- High pressure heaters
- Overheat thermostat
- Post ventilation
- Thermally protected motor
- Transparent external suction filter
- Three oil filters – oil pump filter, suction filter and inlet filter
- Electronic flame control with photocell
- Stainless steel combustion chamber
- Oil tank with level indicator
- Trolley included
- Snorkel
- Easy maintenance with external pump
- Diagnostic LED
- These heaters can burn: biofuel HVO 100, diesel or kerosene

## Optional accessories



**Analogue thermostat  
TH5 with cable**  
3m - 4150.109  
10m - 4150.112



**Digital thermostat THD  
with cable**  
5m - 4150.133  
10m - 4150.134



**Fuel preheater**  
B 180 - 4100.827  
B 230, B 360 - 4033.049



**Quick connector  
for flex pipes to  
connect external tank**  
B 230, B 360 - 4034.880



**Lift brackets**  
B 230 - 4034.922  
B 360 - 4034.926



**Consumables packs**  
B 180 - 4519.006  
B 230 - 4519.007  
B 360 - 4519.008

Direct oil heaters are highly efficient devices that provide large volumes of instant heat where it is required. They are ideal for open or well-ventilated areas like factories, warehouses or construction sites.

Ventilation of the room is necessary to prevent a deficiency of oxygen. Master direct heaters are known for their efficiency, robustness, ease of use and operational safety.



**Master B 360 airport construction site**



**Master B 180 on a construction site**

Specifications	Units	B 180	B 230	B 360
Heating power	kW	48	65	111
	Btu/h	165,000	222,000	379,000
	kcal/h	41,200	56,000	95,460
Air flow	m <sup>3</sup> /h	1,550	3,000	3,300
Fuel autonomy	h	8	10	10
Thermostat control		Analogue or digital	Analogue or digital	Analogue or digital
Fuel consumption	l/h	4.5	6.2	10.6
Power supply	V/Hz	220-240/1ph/50	220-240/1ph/50	220-240/1ph/50-60
Electric power	kW	0.3	0.8	1.06
Rated current	A	1.5	3.5	4.6
Electric box protection		IP44	IP44	IP44
Tank capacity	l	36	65	105
Product size (l x w x h)	mm	1165 x 380 x 550	1235 x 575 x 790	1600 x 700 x 940
Box size (l x w x h)	mm	1200 x 400 x 530	1200 x 650 x 1000	1600 x 750 x 1180
Net/gross weight	kg	30/34	57/72	84/105
Pallet		8	1	1





**BV 77**



**BV 110**

**BV 170**

**BV 290**

- High pressure heaters
- Clean hot air
- Optional connection to a flexible tube
- Flue gas exhaust
- Heat exchanger
- Overheat thermostat
- Post-ventilation
- Thermally protected motor
- Three oil filters: oil pump filter, suction filter and inlet filter
- External suction filter with transparent glass cup
- Electronic flame control with photocell
- Stainless steel combustion chamber
- Oil tank with level indicator
- Trolley included
- High quality brand fuel pump
- Fuel pump with access for easy maintenance
- Snorkel – breather for non-drip fuel tank
- Diagnostic LED
- These heaters can burn: biofuel HVO 100, diesel or kerosene

## Optional accessories



**Analogue thermostat TH5 with cable**  
3m - **4150.109**  
10m - **4150.112**



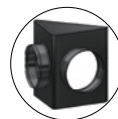
**Digital thermostat THD with cable**  
5m - **4150.133**  
10m - **4150.134**



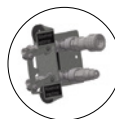
**Fuel preheater**  
BV 77 - **4100.827**  
BV 110, BV 170, BV 290 - **4033.049**



**Adaptor ring**  
BV 77 - Ø300mm - **4034.929**  
BV 110, BV 170 - Ø34cm - **4034.890**  
BV 290 - Ø400mm - **4034.895**



**2-way outlet**  
BV 110, BV 170 - 2 x Ø300mm - **4034.898**  
BV 290 - 2 x Ø300mm - **4034.911**



**Quick connector for flex pipes to connect external tank**  
BV 110, BV 170, BV 290 - **4034.880**



**Air inlet kit for recycling**  
BV 110, BV 170 - **4100.826**  
BV 290 - **4100.825**



**Rain cover**  
BV 77 - **4514.652**  
BV 110, BV 170 - **4514.651**  
BV 290 - **4514.650**



**Stainless steel exhaust pipe 1m**  
BV 77 - Ø120mm - **4013.260**  
BV 110, BV 170, BV 290 - Ø150mm - **4013.243**



**Stainless steel exhaust elbow 90°**  
BV 77 - Ø120mm - **4013.261**  
BV 110, BV 170, BV 290 - Ø150mm - **4013.247**



**Stainless steel chimney pot**  
BV 77 - Ø120mm - **4013.262**  
BV 110, BV 170, BV 290 - Ø150mm - **4013.249**



**Consumables packs**  
BV 77 - **4519.002**  
BV 110 - **4519.003**  
BV 170 - **4519.004**  
BV 290 - **4519.005**



**PVC flex tubes - 1-way outlet**  
BV 77 - Ø305mm - 3m - **4515.572**  
BV 77 - Ø305mm - 7.6m - **4515.553**  
BV 110, BV 170 - Ø340mm - 7.6m - **4515.558**  
BV 110, BV 170 - Ø340mm - 3m - **4515.570**  
BV 290 - Ø407mm - 3m - **4515.571**  
BV 290 - Ø407mm - 7.6m - **4031.401**

**PVC flex tubes - 2-way outlet**  
BV 110, BV 170, BV 290 - Ø305mm - 7.6m - **4515.553**  
BV 110, BV 170, BV 290 - Ø305mm - 3m - **4515.572**

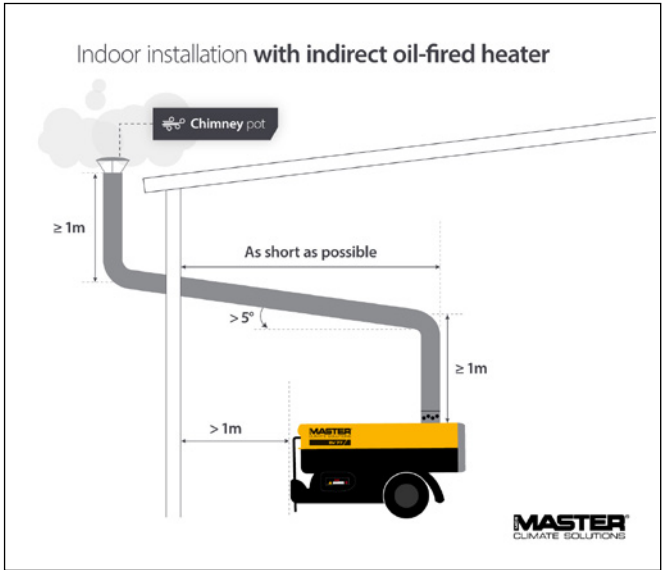
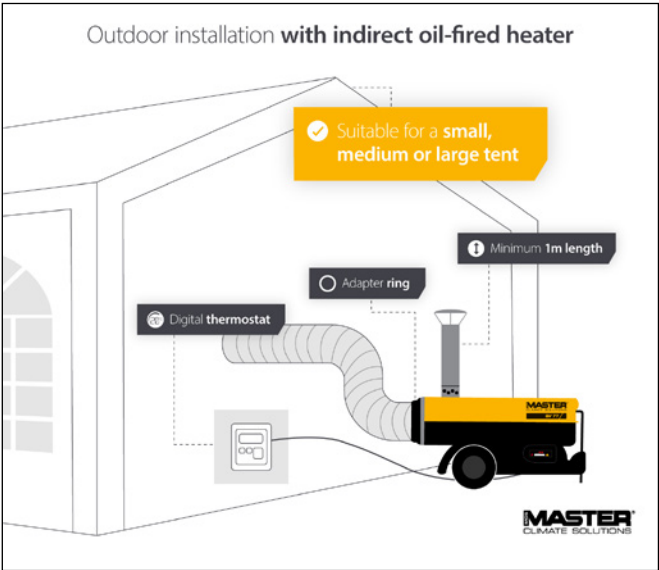


**NYLON flex tubes with bag - 1-way outlet**  
BV 77 - Ø305mm - 7.6m - **4515.360**  
BV 110, BV 170 - Ø340mm - 7.6m - **4515.367**  
BV 290 - Ø407mm - 7.6m - **4515.361**

**Flex tubes - 2-way outlet**  
BV 110, BV 170, BV 290 - Ø305mm - 7.6m - **4515.360**

# Indirect oil-fired air heaters

## BV 77-110-170-290



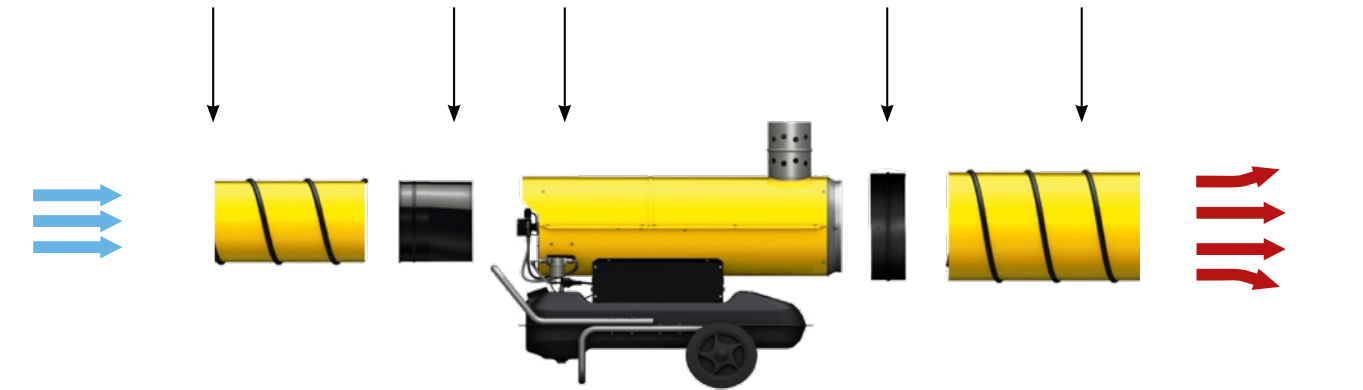
### Air recycling

Used only with indirect-fired heaters, the air recycling kit is an important accessory for maximum energy efficiency.

Heat recovery has a direct impact on energy efficiency, as every kilowatt spent heating a space is maximised. When used with a smart thermostat, this kit also reduces the demand for the portable heater itself, helping generate energy savings as high as 30%.



INLET FLEX TUBE	ØINLET FLEX TUBE	INLET KIT	HEATER	ADAPTOR RING	ØOUTLET FLEX TUBE	OUTLET FLEX TUBE
4031.406	305mm	4100.826	BV 110	4034.890	340mm	4515.558 or 4515.367
4031.406	305mm	4100.826	BV 170	4034.890	340mm	4515.558 or 4515.367
4031.402	407mm	4100.825	BV 290	4034.895	407mm	4031.401 or 4515.361







Specifications	Units	BV 77	BV 110	BV 170	BV 290
Heating power	kW	21	34	49	85
	Btu/h	71,700	116,000	167,200	290,000
	kcal/h	18,100	29,200	42,100	73,100
Air flow	m <sup>3</sup> /h	1,550	1,800	1,800	3,300
Fuel autonomy	h	19	21	14	13
Thermostat control		Analogue or digital	Analogue or digital	Analogue or digital	Analogue or digital
Fuel consumption	l/h	2.0	3.2	4.7	8.1
Power supply	V/Hz	220-240/1ph/50	220-240/1ph/50	220-240/1ph/50	220-240/1ph/50-60
Electric power	kW	0.3	0.8	0.8	1.06
Rated current	A	1.5	3.5	3.5	4.6
Electric box protection		IP44	IP44	IP44	IP44
Tank capacity	l	36	65	65	105
Flue tube	Ømm	120	150	150	150
Flex tube	Ømm	305	340	340	407
Product size (l x w x h)	mm	1130 x 380 x 660	1235 x 575 x 1000	1350 x 575 x 1000	1600 x 700 x 1150
Box size (l x w x h)	mm	1200 x 400 x 530	1200 x 650 x 1000	1330 x 650 x 1000	1670 x 750 x 1180
Net/gross weight	kg	33/37	61/76	67/84	101/123
Pallet	pcs	8	1	1	1
Dual voltage		Available	No	Available	Available

BV 400



- Clean hot air
- Very low noise (72 dB)
- Plug fan allows high air pressure 500 Pa
- 2-stage Master burner
- Air feed kit
- Rotomoulded tank
- Socket for remote thermostat
- High-efficiency heat exchanger
- Stainless steel combustion chamber
- Trolley included
- Snorkel for non-drip fuel tank
- These heaters can burn: biofuel HVO 100, diesel or kerosene

## Optional extras

- Robust hook for uplift crane
- Separate air feed case kit allows for connection of a flex tube for combustion air supply which is very useful when used in polluted rooms

## Optional accessories



**Analogue thermostat TH5 with cable**  
3m - 4150.109  
10m - 4150.112



**Digital thermostat THD with cable**  
5m - 4150.133  
10m - 4150.134



**Fuel preheater**  
BV 400 - 4033.049



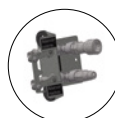
**Air recycling kit**  
Ø400mm - 4035.068



**2-way outlet**  
Ø 2 x 305mm - 4034.480



**Combustion air inlet kit**  
4035.225



**Quick connector to flex pipes for separate tank**  
4035.232



**Uplift kit**  
4035.112



**Forklift slots**  
4035.224



**Consumables pack**  
BV 400 - 4519.009



**PVC flex tube 7.6m**  
1-way outlet, Ø407mm - 4031.401  
2-way outlet, Ø305mm - 4515.553  
**PVC flex tube 3m**  
1-way outlet Ø407mm - 4515.571  
2-way outlet Ø305mm - 4515.572



**Nylon flex tube with bag, 7.6m**  
1-way outlet, Ø407mm - 4515.361  
2-way outlet, Ø305mm - 4515.360



**BV 400****Master BV 400 construction site****Master BV 400 drying tobacco**

Specifications	Units	BV 400
Heating power	kW	110/80
	Btu/h	375,000/237,000
	kcal/h	94,600/68,800
Fan	type	Plug fan
Total air pressure	Pa	500
Ductability	m	50
Air flow	m <sup>3</sup> /h	6,200
Motor power fan	W/rpm	750/1,400
Flex tube	mm	2 tubes Ø305mm or 1 tube Ø407mm
Maximum air temperature	°C	95
Summer ventilation		Yes
Remote thermostat		Analogue or digital
Flue tube	mm	150
Electronic box protection		IP44
Fuel tank capacity	l	150
Fuel consumption	l/h	10.2 high mode/7.7 low mode
Rated current	A	6.8
Power supply	V/Hz	220-240/1ph/50
Product size (l x w x h)	mm	2086 x 717 x 1233
Box size (l x w x h)	mm	1670 x 710 x 1670
Net/gross weight	kg	200/220

Indirect fuel-fired air heaters

## AIR-BUS BV 471-691

**MASTER**  
CLIMATE SOLUTIONS



**4-way outlet**  
**BV 471**  
**BV 691**



**1-way outlet**  
**BV 471**  
**BV 691**



**BV 691TR**  
**with radial fan**



**BV 471SE**  
**InfoAir compliant**



- Strong and robust steel frame with metric bolts
- Powerful fan
- Air pressure 250 Pa (400 Pa for centrifugal version)
- Digital control of the combustion
- Unique 'cold start' button for very cold environments
- Possible connection to 4, 2 or 1 flexible tubes
- Flue gas exhaust
- Separate Riello oil burner
- Summer/Winter switch for ventilation only
- Electronic flame control with photocell
- Fan-Limit thermostat with automatic reset
- Limit thermostat with manual reset
- Fuel preheater
- Two oil filters: oil pump filter and suction filter
- Quick connector to external tank (optional)
- High-efficiency heat exchanger made of stainless steel pipes
- Stainless steel combustion chamber
- Robust wheels included
- 4 robust crane hooks
- These heaters can burn: biofuel HVO 100, diesel or kerosene



# AIR-BUS BV 471-691

## Optional accessories



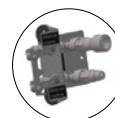
**Analogue thermostat TH5 with cable**  
3m - **4150.109**  
10m - **4150.112**



**Digital thermostat THD with cable**  
5m - **4150.133**  
10m - **4150.134**



**Pneumatic wheels**  
BV 471 - **4240.585**  
BV 691 - **4240.684**



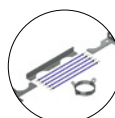
**Quick connector for external tank**  
**4240.580**



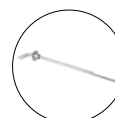
**Fuel line 4m**  
(2 pieces are required per 1 unit, supply line and return line)  
**4031.460**



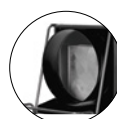
**Rotating wheels kit**  
BV 471 - **4240.598**  
BV 691 - **4240.667**



**Kit for chimney fixing in working and transportation position**  
BV 471 - **4240.567**  
BV 691 - **4240.682**



**Fuel scoop**  
**4515.510**



**1-way outlet panel**  
Ø600mm - BV 471 - **4240.825**  
Ø700mm - BV 691 - **4240.633**



**2-way outlet panel**  
2 x Ø400mm - BV 471 - **4240.235**  
2 x Ø500mm - BV 691 - **4240.668**



**External tank**  
BV 471 - 150 l - **4240.780**  
BV 691 - 200 l - **4240.800**



**4-way outlet panel**  
4 x Ø270mm - BV 471 - **4240.553**  
4 x Ø320mm - BV 691 - **4240.669**



**Stainless steel exhaust pipe 1m**  
Ø200mm - BV 471, BV 691 - **4013.245**



**Stainless steel chimney pot**  
Ø200mm - BV 471, BV 691 - **4013.250**



**Stainless steel exhaust elbow 90°**  
Ø200mm - BV 471, BV 691 - **4013.248**



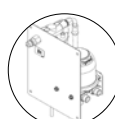
**Lateral bumper kit**  
BV 471 - **4240.560**  
BV 691 - **4240.683**



**Forklift slots**  
BV 471 - **4240.576**  
BV 691 - **4240.681**



**Biofuel conversion kit**  
BV 471, BV 691  
Burner - **4241.132**  
Fuel pre-heater and filter - **4241.134**



**Single fuel line conversion kit**  
BV 471, BV 691  
**4241.162**



**Consumables packs**  
BV 471 - **4519.019**  
BV 691 - **4519.020**



**Dust cover**  
BV 471S - **4241.160**  
BV 691S - **4241.161**



**Air recycling kit**  
(axial fan models)  
BV 471 - **4240.709**  
BV 691 - **4240.748**



**Suction tube\***  
BV 471 - **4517.621**  
BV 691 - **4517.622**  
\* offered per linear metre



**Flex tubes, PVC, black and yellow 7.6m 4-way outlet**  
Ø305mm - 7.6m - BV 471 - **4515.553**  
Ø305mm - 3m - BV 471 - **4515.572**  
Ø340mm - 7.6m - BV 691 - **4515.558**  
Ø340mm - 3m - BV 691 - **4515.570**

**2-way outlet**  
Ø407mm - 7.6m BV 471 - **4031.401**  
Ø508mm - 7.6m BV 691 - **4515.552**  
Ø407mm - 3m - BV 471 - **4515.571**

**1-way outlet**  
Ø610mm - 7.6m - BV 471 - **4031.038**  
Ø710mm - 7.6m - BV 691 - **4515.556**



**Flex tubes and bag, nylon, black, 7.6m 4-way outlet**  
Ø305mm - 7.6m - BV 471 - **4515.360**  
Ø340mm - 7.6m - BV 691 - **4515.367**

**2-way outlet**  
Ø407mm - 7.6m - BV 471 - **4515.361**  
Ø508mm - 7.6m - BV 691 - **4515.366**

**1-way outlet**  
Ø610mm - 7.6m - BV 471 - **4515.362**  
Ø710mm - 7.6m - BV 691 - **4515.365**

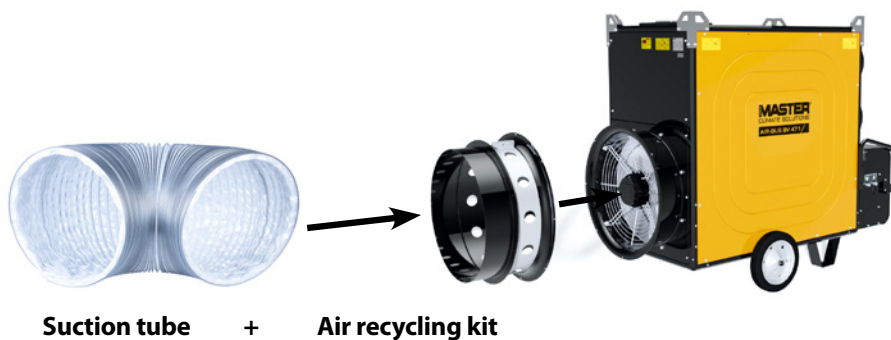
Indirect fuel-fired air heaters  
**AIR-BUS BV 471-691**

**MASTER**  
CLIMATE SOLUTIONS

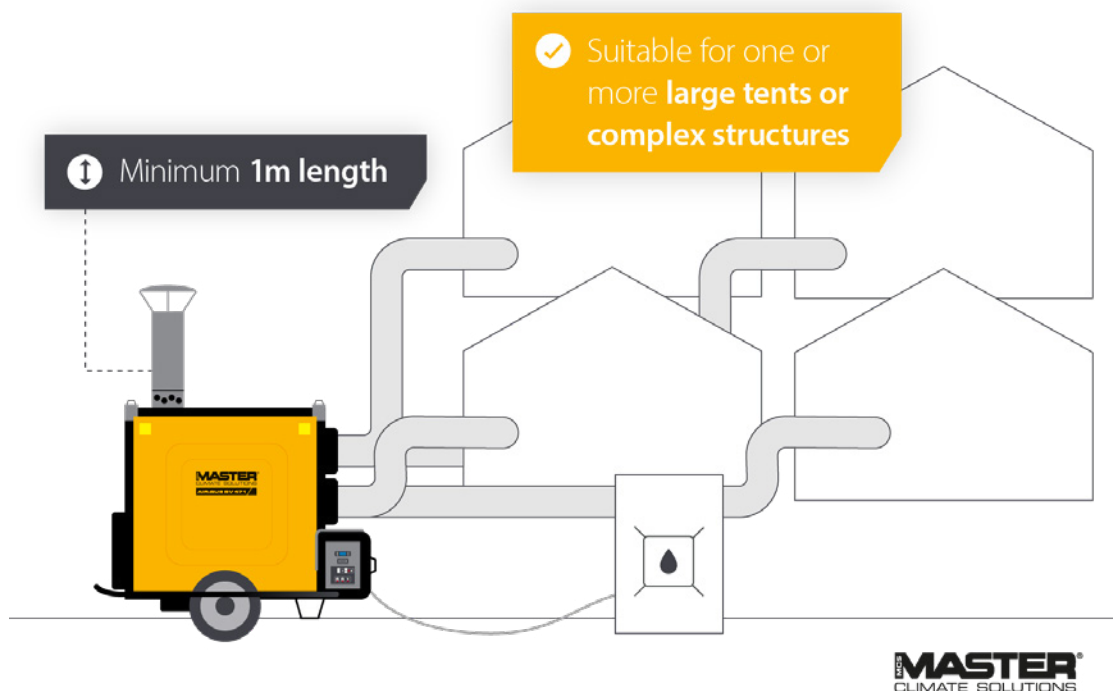
**Air recycling kit for AIR-BUS (axial fan models)**

**Suction tube + Air recycling kit**  
**4517.621\*** + **4240.709** for BV 471  
**4517.622\*** + **4240.748** for BV 691

\* offered per linear metre



Outdoor installation **with AIR-BUS BV 471 indirect oil-fired heater**



Indirect fuel-fired air heaters

## AIR-BUS BV 471-691

**MASTER**<sup>®</sup>  
CLIMATE SOLUTIONS



Specifications	Units	BV 471S/ BV 471SE*	BV 691S/ BV 691SE*	BV 471SR/ BV 471SRE*	BV 691TR/ BV 691TRE*	BV 691T/ BV 691TE*
Heating power	kW	136	225	136	225	225
	Btu/h	464,000	768,000	464,000	768,000	768,000
	kcal/h	116,900	193,500	116,900	193,500	193,500
Air flow	m <sup>3</sup> /h	8,500	12,800	8500	12,800	12,800
	type	Axial	Axial	Centrifugal	Centrifugal	Axial
Air pressure	Pa	250	250	400	400	250
Thermostat control		Analogue or digital	Analogue or digital	Analogue or digital	Analogue or digital	Analogue or digital
Fuel consumption	l/h	12.93	21.44	12.93	21.44	21.44
Power supply	V/Hz	220-240/1ph/50	220-240/1ph/50	220-240/1ph/50	380-400/3ph/50	380-400/3ph/50
Electric power	kW	1.5	2.8	2.8	2.8	2.8
Rated current	A	6.9	12.6	16	7.6	6.5
Electronic box protection		IP55	IP55	IP55	IP55	IP55
Flue tube	Ømm	200	200	200	200	200
Air outlet diameter	mm	4 x 270 1 x 600	4 x 320 1 x 720	4 x 270 1 x 600	4 x 320 1 x 700	4 x 320 1 x 700
	mm	1790 x 880 x 1360	2200 x 985 x 1620	2200 x 870 x 1360	2680 x 990 x 1550	2200 x 985 x 1620
Box size (l x w x h)	mm	1730 x 755 x 1325	2150 x 840 x 1560	2150 x 760 x 1380	2620 x 840 x 1530	2150 x 840 x 1560
Net/gross weight	kg	270/300	380/410	300/330	400/430	380/410

\*InfoAir compliant



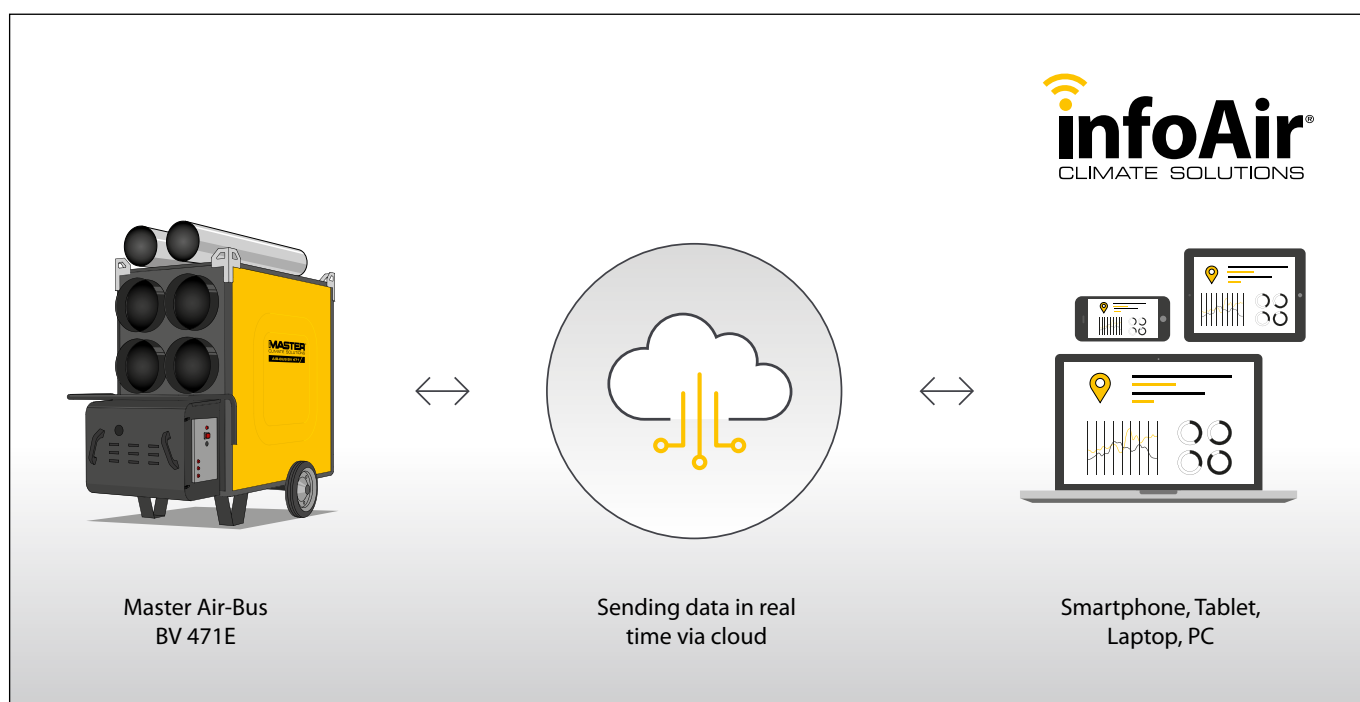
InfoAir is a versatile remote monitoring system designed to further enhance the use of portable heaters which have long been a versatile and cost-effective choice for various industrial and commercial applications. But without communication capabilities they require regular physical visits for status checks. InfoAir addresses this issue and offers several advantages.

InfoAir offers remote access to the following data in real time:

- Possibility to remotely lock and unlock the heater
- Detection of the availability of electricity and monitoring of voltage level
- Detection of on/off status of the portable heater
- Fuel level control (optional)
- Room temperature and humidity control
- GPS tracker – enable to track the location of the portable heater
- Set up of min. and max. temperature thresholds, pre-heating and cooling time of portable heater
- Alarm notifications
- Report generation
- Compatible only with portable heaters carrying the InfoAir label



## How it works



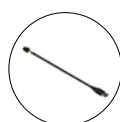
## Optional accessories



**BT Sensor**  
Remote Bluetooth temperature and humidity sensor - Range 500m



**Fuel level sensor for external tanks**  
VET 700, length 1m - **4250.542**  
VET 1000, length 1.4m - **4250.543**



**USB-RS232 Converter - 4250.539**

**HEYLO K 120-160-160 R****K 120****K 160****K 160 R**

- Optimized stainless steel combustion chamber/heat exchanger unit
- Top-mounted burner for easy service accessibility
- HEYLO FPS oil preheating (FlowSecure Preheating System) ensures safe operation at low temperatures
- High air output/pressure due to powerful fans
- HEYtronic control ensures more precise switching on of the fan and shutdown of the burner
- Connection of a room thermostat possible
- Recirculation mode (optional)
- Safe single-line oil supply
- Operating hours counter
- Hose lengths up to 38m possible (K 160 R)
- Easy to use
- Fully assembled and ready to use

Specifications	Units	K 120	K 160	K 160 R
Heating capacity	kW	120	156	161
	Btu/h	409,457	532,294	549,355
	kcal/h	103,200	134,160	138,460
Air flow	m <sup>3</sup> /h	9,420	11,156	12,767
		Axial	Axial	Radial
Fan				
Air pressure	Pa	300	290	680
Thermostat operation		Analogue or digital	Analogue or digital	Analogue or digital
Fuel consumption	l/h	11.74	15.23	16.16
Power supply	V/Hz	230/1ph/50	230/1ph/50	400/3ph/50
Electrical connection	kW	1.65	2.25	4.8
Rated current	A	7.4	10.4	6.8
Protection class		IP44	IP44	IP44
Exhaust gas connection	Ømm	200	200	200
Air outlet dimension	mm	1 x 550	1 x 550	1 x 550
Product size (l x w x h)	mm	1900 x 880 x 1400	2075 x 880 x 1400	2326 x 880 x 1400
Box size (l x w x h)	mm	2050 x 950 x 1600	2050 x 950 x 1600	2326 x 950 x 1600
Net/gross weight	kg	290/330	330/375	350/425

## Optional accessories



**Analogue thermostat TH5 with cable**  
3m - **4150.109**  
10m - **4150.112**



**Digital thermostat THD with cable**  
5m - **4150.133**  
10m - **4150.134**



**Inlet adaptor**  
K 120, K 160 R - **1261200**  
K 160 - **1261205**



**Wheel set with stop function**  
K 120, K 160, K 160 R - **1261206**



**Forklift console**  
K 120, K 160, K 160 R - **1261202**



**Stacking brackets**  
K 120, K 160, K 160 R - **1261203**



**Weather protection for control panel**  
K 120, K 160, 160 R - **1261213**



**3-way outlet**  
3 x Ø305mm K 120 - K 160R - **1200008**



**Stainless steel exhaust pipe 1m**  
Ø200mm - **4013.245**



**Stainless steel chimney pot**  
Ø200mm - **4013.250**



**Stainless steel exhaust elbow 90°**  
Ø200mm - **4013.248**



**2-way outlet**  
2 x Ø420mm K 120 - 160 R - **1200021**



**Flex tubes**  
Type "A", 7.6 m, with coated spring steel spiral  
Ø305mm - **4515.553**  
Ø420mm - **4515.548**  
Ø550mm - **4515.549**



**Oil tanks**  
(incl. transport approval)  
400 l - **1200140**  
750 l - **1200141**  
1,000 l - **1200142**  
1,500 l - **1200143**



**Quadro AG fuel container**  
980 l (incl. transport approval and approval for outdoor installation) - **1200200**



**Oil tank cover**  
approved for outdoor installation  
400 l - **1200261**  
750 l, 1000l - **1200162**  
1500 l - **1200163**



**Extension oil-filter armature** 1x5m, with hydraulic coupling - **1262201**



**Oil tank preheater** - for tanks up to 2000l - **1200150**



**Intake hose**  
700mm - **4517.622**



**K 50****K 80**

- Riello burner for high operational reliability, long service life and easy servicing
- Double oil preheating for trouble-free operation at low temperatures (Heylo K 50)
- Top-mounted burner for easy service accessibility
- Connection of a room thermostat possible
- Stainless steel combustion chamber and heat exchanger
- Safe single-line oil supply
- Robust design with durable powder coating
- Practical legs and large wheels ensure easy transportation
- Fully assembled and ready to use
- 3m intake set for external oil tank included

Specifications	Units	K 50	K 80
Heating capacity	kW	54	83
	Btu/h	184,256	283,208
	kcal/h	46,440	71,380
Air flow	m <sup>3</sup> /h	4,200	6,500
		Axial	Axial
Fan			
Air pressure	Pa	100	100
Thermostat operation		Analogue or digital	Analogue or digital
Fuel consumption	l/h	5.46	7.9
Power supply	V/Hz	230/1ph/50	230/1ph/50
Electrical connection	kW	0.65	0.82
Rated current	A	2.8	3.6
Protection class		IP44	IP44
Exhaust gas connection	Ømm	150	150
Air outlet dimension	mm	1 x 420	1 x 520
Product size (l x w x h)	mm	1623 x 795 x 1082	1674 x 875 x 1300
Box size (l x w x h)	mm	1750 x 800 x 1350	1850 x 900 x 1450
Net/gross weight	kg	140/181	190/200

# Indirect oil-fired heaters

## HEYLO K 50-K 80

### Optional accessories



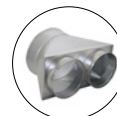
**Analogue thermostat TH5 with cable**  
3m - **4150.109**  
10m - **4150.112**



**Digital thermostat THD with cable**  
5m - **4150.133**  
10m - **4150.134**



**3-way outlet**  
3 x Ø305 mm, K 80  
**1200011**



**2-way outlet**  
2 x Ø305mm K 50 -  
**1200296**



**Oil tanks**  
(incl. transport approval)  
400 l - **1200140**  
750 l - **1200141**  
1,000 l - **1200142**  
1,500 l - **1200143**



**Quadro AG fuel container**  
980 litres (incl. transport approval and approval for outdoor installation) -  
**1200200**



**Flex tubes**  
Type "A", 7.6 m, with coated spring steel spiral  
Ø305-310 mm - **4515.553**  
Ø420 mm - **4515.548**  
Ø520 mm - **4515.546**



**Oil tank cover**  
approved for outdoor installation  
400 l - **1200261**  
750 l, 1000 l - **1200162**  
1500 l - **1200163**



**Extension oil-filter armature** 1x5m, with hydraulic coupling -  
**1262201**



**Oil tank preheater** - for tanks up to 2000 l -  
**1200150**



**Stainless steel exhaust pipe 1m**  
Ø150mm - **4013.243**



**Stainless steel chimney pot**  
Ø150mm - **4013.249**



**Stainless steel exhaust elbow 90°**  
Ø150mm - **4013.247**

## External oil tanks

# VET 700-1000



VET 700  
VET 1000



With fuel tank cap



- For oil-fired heaters
- Double-walled tanks specially designed and approved for the transport of fuel oil, diesel and all products compatible with HDPE and not exceeding a density of 1.2 g/cm<sup>3</sup>
- Large storage volume and can be stacked in pairs when filled
- Made up of a double-sided zinc-coated steel casing with a 100% retention capacity
- High density polyethylene (HDPE) inner bag, extruded without welding and insensitive to corrosion
- Connection of up to 3 heaters
- European UN/ADR approval for the transport of dangerous goods - packaging groups II and III

### Optional accessories



Fuel level probe  
ACC2809



Fuel tank cap  
ACC882



Connection set  
VET 700 - ACC2809 (0,9m)  
VET 1000 - ACC2814 (1,4m)  
(2.20m suction line with shut-off valve,  
reverse valve and plunger)

Specifications	Units	VET 700	VET 1000
Tank capacity	l	700	1,000
Width	mm	720	720
Length	mm	1135	1135
Height	mm	1210	1640
Weight	kg	94	94
European UN/ADR	N°	D/BAM/10104/31HA1	D/BAM/10104/31HA1



**EKO 3**

PATENT

**EKO 9**

PATENT

**Included in the box**
**Remote thermostat  
THK with probe  
4150.137**
**Optional accessories**
**Extension cord for EKO 9  
4515.331 - 16A, 5m  
4515.332 - 16A, 10m**


- Compact and lightweight
- Connection to an external digital remote thermostat THK, specific for this application, included in the package
- Overheat thermostat
- Motor with thermal protection and intervention
- The Master EKO is placed inside the room and recirculates the air, gradually increasing the temperature
- Recommended for bug pest control in: hotels, hostels, hospitals, restaurants, bakeries, commercial kitchens, train carriages, airplanes, prisons, army barracks, containers
- EKO heaters are able to maintain the temperature above 45°C. This is required to carry out total pest eradication
- The high air flow allows a fast increase and an even temperature distribution in the room
- EKO works on the fact that bugs, larvae and eggs die of dehydration when kept at a temperature above 45°C degrees for a few hours

Specifications	Units	EKO 3	EKO 9
Heating power	kW	2.8	9
	Btu/h	11,260	30,709
	kcal/h	2,866	7,740
Air flow	m³/h	800	1,400
Power supply	V/Hz	230/1ph/50	400/3ph/50
Rated current	A	12.4	13.8
Remote thermostat		Digital	Digital
Product size (l x w x h)	mm	455 x 440 x 600	550 x 606 x 921
Box size (l x w x h)	mm	500 x 400 x 655	602 x 646 x 858
Net/gross weight	kg	19/24	35/42
Pallet	pcs	12	4

## HEYLO DE 20 SH



DE 20 SH



Hose connection possible



Temperature control up to 120°C by changing the air flow



- Max. temperature 110 -120°C
- Temperature increase – variable
- Output temperature adjustable by changing the air flow
- Max. air input 60°C
- Compact and lightweight (20.5kg)
- DE 20 SH delivers 1410m<sup>3</sup>/h of hot air using only 18kW 400V (three phase)
- Adjustable fan speed
- Safety thermostat: automatic shutdown in case of more than 140°C in hose
- Spiral heating element for quick and even heat
- Built-in hour counter
- Stackable

### Optional accessories



**High temperature thermostat** 0° to +120°C, IP 54, with 10m cable - **1240102**



**High temperature air hose (up to 150°C)** Ø305mm, 5m, incl. fastening strap - **1250069**

Specifications	Units	DE 20 SH
Heating power	kW	18
	Btu/h	61,400
	kcal/h	15,480
Air flow	m <sup>3</sup> /h	1410
Power supply	V/Hz	400/3ph/50-60
Rated current	A	26
Protection class		IP21
Remote thermostat		Analogue
Product size (l x w x h)	mm	730 x 414 x 482
Box size (l x w x h)	mm	780 x 440 x 570
Net/gross weight	kg	22/26
Pallet	pcs	9

# Electric heaters

## B 2PTC-3PTC



**B 2PTC**  
**B 3PTC**



- Automatic reset
- Built-in room thermostat
- No oxygen consumption
- No fumes, no odours, no humidity
- Summer/Winter switch for ventilation only
- Low noise
- Motor with thermal protection
- Overheat thermostat
- Adjustable heat

Specifications	Units	B 2PTC	B 3PTC
Heating power	kW	1/2	1.5/3
	Btu/h	3,400-6,800	3,400-10,200
	kcal/h	860-1,720	860-2,580
Air flow	m³/h	97	258
Power supply	V/Hz	230/1ph/50	230/1ph/50
Plug (male) from heater side		16A/3P	16A/3P
Rated current	A	8.7	13
Switch pos. 1		1 kW	Off
Switch pos. 2	kW	2	1.5
Switch pos. 3	kW	-	3
Thermostat control		Included	Included
Temperature range	°C	0-40	0-40
Protection		IP21	IP21
Product size (l x w x h)	mm	200 x 200 x 200	262 x 248 x 250
Box size (l x w x h)	mm	200 x 200 x 200	262 x 248 x 250
Net/gross weight	kg	1.9/2.1	3.4/3.7
Pallet	pcs	192	105



**DE 2 XL****DE 3 XL****DE 9 XL**

- Compact dimensions, low weight
- 2-stage adjustable heating power
- Stepless temperature control (from +5°C to +40°C)
- Ceramic PTC heating element (Heylo DE 2 XL/DE 3 XL/ tubular heating elements (Heylo DE 9 XL)
- High discharge temperatures for fast heat-up times (Heylo DE 2 XL/DE 3 XL)
- With robust protective edges (Heylo DE 2 XL)
- With ventilation function – all Heylo DE XL units can also be used as fans
- Power cable included
- Stackable (HEYLO DE 2 XL/DE 3 XL)

Specifications	Units	DE 2 XL	DE 3 XL	DE 9 XL
Heating capacity	kW	2	3	9
	Btu/h	6,824	10,236	30,709
	kcal/h	1,720	2,580	7,740
Air flow	m <sup>3</sup> /h	90	140	710
	V/Hz	230/1ph/50	230/1ph/50	400 3ph/50
Power supply	A	8.7	13.5	13
Rated current	kW	1	1.5	4.5
Switch pos.1	kW	2	3	9
Switch pos. 2		Included	Included	Included
Thermostat control	°C	-15 to +25	-15 to +25	-25 to +60
Temperature range		IP20	IP21	IP21
Protection class	mm	185 x 180 x 280	313 x 240 x 225	466 x 322 x 420
Product size (l x w x h)	mm	230 x 225 x 320	340 x 260 x 250	510 x 370 x 460
Box size (l x w x h)	kg	2.8/3.2	4.6/5	14.5/16
Net/gross weight	pcs	64	60	16
Pallet				

# Electric fan air heaters

## B 2-3-5-9-15-22

**MASTER**  
CLIMATE SOLUTIONS

B 2  
B 3



B 5  
B 9  
B 15  
B 22



### Optional accessories



#### Extension cord

B 5, B 9 - 16A, 5m - **4515.331**

B 5, B 9 - 16A, 10m - **4515.332**

B 15, B 22 - 32A, 5m - **4515.333**

B 15, B 22 - 32A, 10m - **4515.334**



- Manual reset
- Built-in room thermostat
- No oxygen consumption
- No fumes, no odours, no humidity
- Summer/Winter switch for ventilation only
- Low noise
- Motor with thermal protection
- Overheat thermostat
- Adjustable heat

Specifications	Units	B 2	B 3	B 5	B 9	B 15	B 22
Heating power	kW	1/2	1.65/3.3	2.5/5	4.5/9	7.5/15	11/22
	Btu/h	3,400-6,800	5,630-11,260	8,530-17,000	15,350-30,700	25,600-51,200	37,530-75,100
Air flow	kcal/h	860-1,720	1,430-2,860	2,150-4,300	3,870-7,740	6,450-12,900	9,460-18,900
	m³/h	184	288	510	800	1,700	2,400
Power supply	V/Hz	230/1ph/50-60	230/1ph/50-60	400/3ph/50	400/3ph/50	400/3ph/50	400/3ph/50-60
Plug (male) from heater side		16A/3P	16A/3P	16A/5P	16A/5P	32A/5P	32A/5P
Rated current	A	8.7	14.5	7.2	13	22	32
Switch pos. 1		Off	Off	Off	Off	Off	Off
Switch pos. 2		Fan	Fan	Fan	Fan	Fan	Fan
Switch pos. 3/4	kW	1.0/2.0	1.65/3.3	2.5/5.0	4.5/9.0	7.5/15	11.0/22.0
Thermostat control		Included	Included	Included	Included	Included	Included
Temperature range	°C	5-35	5-35	5-35	5-35	5-35	5-35
Protection		IP24	IP24	IP24	IP24	IP24	IP24
Product size (l x w x h)	mm	220 x 200 x 330	260 x 260 x 410	310 x 360 x 380	340 x 420 x 440	350 x 470 x 490	350 x 540 x 590
Box size (l x w x h)	mm	235 x 210 x 340	280 x 270 x 440	380 x 330 x 440	355 x 450 x 490	370 x 480 x 530	380 x 550 x 630
Net/gross weight	kg	3.7/4.2	5.1/5.7	6.4/6.8	9.3/10.8	15/15.9	20/22.8
Pallet	pcs	75	48	24	20	12	12



**TR 3**  
**TR 9**

#### Included in the box



**Digital room  
chrono-thermostat  
with 2m cable**



- Wall mounted
- Adjustable heat
- By means of the digital remote chrono-thermostat you can set the desired temperature and , duration and choose between full power, medium power or ventilation only
- Built-in overheat thermostat
- Low noise
- No oxygen consumption
- No fumes, no odours, no humidity
- Remote control
- Easy to install
- The remote control box is pre-wired and includes thermostat, setting and wall bracket
- The wall bracket makes it possible to tilt the TR 45°
- Fast heating for shops, halls, showrooms, meeting rooms, bungalows, offices, workshops, garages, reception halls, big tents, cellars and more

Specifications	Units	TR 3C	TR 9C
Heating power	kW	3.3	9.0
Power supply	V/Hz	230/1ph/50	380/3ph/50
Power control	kW	0/1.65/3.3	0/4.5/9.0
Voltage at maximum power	A	13.5	13.5
Protection		IPX4	IPX4
Min. mounting height	m	1.8	1.8
Ventilation function		Yes	Yes
Room thermostat		Yes	Yes
Adjustable heating power		Yes	Yes
Overheat protection		Yes	Yes
Product size (l x w x h)	mm	279 x 251 x 340	335 x 280 x 385
Box size (l x w x h)	mm	390 x 320 x 430	410 x 380 x 460
Weight net/gross	kg	5.6/8.6	8.5/11.2
Pallet	pcs	30	24

# Electric fan air heaters

## B 18-30, RS 40

**MASTER**  
CLIMATE SOLUTIONS

B 18  
B 30



PATENT

RS 40



- Possible connection to a flexible tube
- Lifting eyelets for easy transport (B 30)
- Manual reset
- Built-in room thermostat (RS 40)
- No oxygen consumption
- No fumes, no odours, no humidity
- Summer/Winter switch for ventilation only
- Motor with thermal protection
- Overheat thermostat
- Adjustable heat

### Optional accessories



**Analogue thermostat  
TH5 with cable**  
3m - **4150.109**  
10m - **4150.112**



**Extension cord**  
B 18 - 32A, 5m - **4515.333**  
B 18 - 32A, 10m - **4515.334**  
B 30, RS 40 - 63A, 5m - **4515.335**  
B 30, RS 40 - 63A, 10m - **4515.336**



**PVC flex tubes 1-way outlet**  
B 18 - Ø305mm - 7.6m - **4515.553**  
B 18 - Ø305mm - 3m - **4515.572**  
B 30 - Ø407mm - 3m - **4515.571**  
B 30 - Ø407mm - 7.6m - **4031.401**  
RS 40 - Ø508mm - 7.6m - **4515.552**

**PVC flex tubes 2-way outlet**  
B 18 - 2 x Ø230mm - **4515.557**  
B 30 - 2 x Ø305mm - **4515.553**



**2-way outlet**  
B 18 - Ø230mm -  
**4511.808**  
B 30 - Ø300mm -  
**4511.807**



**Adaptor ring kit**  
RS 40 - **4210.180**



**NYLON flex tube with bag**  
B 18 - Ø305mm - 7.6m - **4515.360**  
B 30 - Ø407mm - 7.6m - **4515.361**  
RS 40 - Ø508mm - 7.6m - **4515.366**



Electric fan air heaters  
**B 18-30, RS 40**



Specifications	Units	B 18	B 30	RS 40
Heating power	kW	9/18	15/30	13/26/40
	Btu/h	30,700-61,400	51,200-102,400	44,360-136,500
	kcal/h	7,740-15,480	12,900-25,800	11,200-34,400
Air flow	m <sup>3</sup> /h	1,700	3,500	3,100
Power supply	V/Hz	400/3ph/50-60	400/3ph/50	380-400/3ph/50
Plug (male) from heater side		32A/5P	63A/5P	63A/5P
Rated current	A	26.0	43.5	58.0
Switch pos. 1		Off	Off	Fan
Switch pos. 2		Fan	Fan	13 kW
Switch pos. 3/4	kW	9/18	15/30	26/40
Thermostat control		Optional TH5	Optional TH5	On board
Temperature range	°C	< 25	< 25	-30 - +35
Protection		IP24	IP24	IP20
Product size (l x w x h)	mm	700 x 490 x 530	1030 x 580 x 680	990 x 710 x 800
Box size (l x w x h)	mm	600 x 400 x 460	1050 x 600 x 820	870 x 630 x 770
Net/gross weight	kg	27/29.3	53/63	46/52
Pallet	pcs	16	1	6

# HEYLO DE 10-20-20 S-30



DE 10  
DE 20  
DE 30



DE 20 S

- Spiral heating insert for fast, even heat
- 3-stage adjustable heat output
- Separate ventilation function (construction drying)
- 60Hz operation possible
- Safety thermostat: automatic switch-off at over 100°C
- Fault indication when STB is triggered
- Incl. operating hours counter
- Long service life due to powder coating
- External thermostat optional
- Hose operation possible (Heylo DE 20 S)
- Stackable and very quiet in operation
- Power cable included
- Special heating element made of alloyed steel

## Optional accessories



**Analogue thermostat  
TH5 with cable**  
3m - 4150.109  
10m - 4150.112



**Digital thermostat THD  
with cable**  
5m - 4150.133  
10m - 4150.134



**PVC flex tubes  
1-way outlet**  
Ø305mm - 7.6m -  
4515.553

Specifications	Unit	DE 10	DE 20	DE 20 S	DE 30
Heating capacity	kW	9	18	18	27
	Btu/h	30,709	61,419	92,128	92,128
	kcal/h	7,740	15,480	23,220	23,220
Air flow	m <sup>3</sup> /h	710	1,050	1,410	1,550
	V/Hz	400/3ph/50-60	400/3ph/50-60	400/3ph/50-60	400/3ph/50-60
Power supply		CEE 3N 16A	CEE 3N 32A	CEE 3N 32A	CEE 3N 63A
Power connection					
Rated current	A	4.3/8.6/13	8.7/17.3/26	8.7/17.3/26	13/26/39
Switch pos. 1	kW	3	6	6	9
Switch pos. 2	kW	6	12	12	18
Switch pos. 3	kW	9	18	18	27
Thermostat control		Analogue or digital	Analogue or digital	Included	Analogue or digital
Temperature range	°C	-25 +60	-25 +60	-25 +60	-25 +60
Protection class		IP21	IP21	IP21	IP21
Product size	mm	570 x 414 x 482	570 x 414 x 482	730 x 414 x 482	570 x 414 x 482
Box size	mm	630 x 440 x 550	630 x 440 x 550	740 X 430 x 500	630 x 440 x 550
Net/gross weight	kg	18.5/20	18.5/20	20.5/22	20.5/22
Pallet	pcs	12	12	9	12



**TEH 200**  
**TEH 300**  
**TEH 400**



- Extremely robust – top-quality product "made in Germany"
- Stackable
- Suitable for air transport hoses up to 100 metres
- Electronically-controlled multi-stage switch for air flow and air temperature
- Comes standard-equipped with protective frame, crane eyes, fork lift slits, transport wheels and parking brake
- Integrated thermostat control optional
- Overheating protection

#### Optional accessories



**SP-T flex tube**  
457mm, 7.6m  
**6.100.001.214**  
600mm, 7.6m  
**6.100.001.218**



**SP connector nozzles**  
457mm  
**6.100.001.930**  
600mm  
**6.100.001.945**



**Tension strap**  
universal for SP series  
2.5m - **6.100.001.995**



**Air filter**  
TEH 200/TEH 300  
**7.710.001.2018**  
TEH 400  
**7.710.001.219**



**SP-C flex tube**  
600mm, 7.6m  
**6.100.001.273**

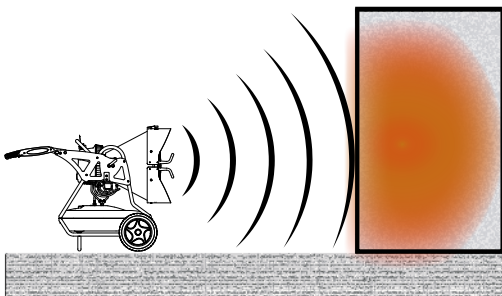
Specifications	Unit	TEH 200	TEH 300	TEH 400
Heating capacity	kW	40	80	120
	kcal/h	34,394	68,788	103,181
Speed	kW	1,7	3	5,4
Air flow	m <sup>3</sup> /h	2,000	6,000	9,000
Air pressure	Pa	600	600	600
Power supply	V/Hz	400/50-60	400/50-60	400/50-60
Connection socket		CEE 63 A, 5-pole	125/CEE 125 A, 5-pole	200/direct connection
Air flow and temperature increase stages		8	8	8
Hose connector	Ømm	450	450	600
Thermostat control		Digital	Digital	Digital
Temperature range	°C	-20 to +40	-20 to +40	-20 to +40
Product size (l x w x h)	mm	1,625 x 800 x 1,270	1,625 x 800 x 1,270	2,000 x 1,300 x 1,450
Weight	kg	280	310	460

## Infrared oil-fired heaters

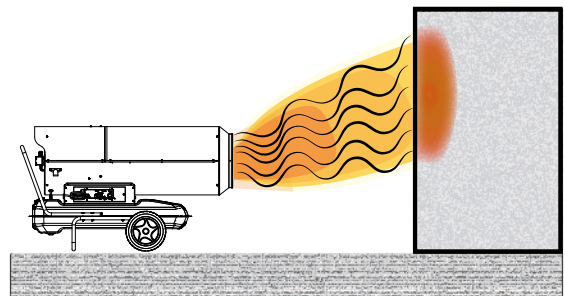
# HOW IT WORKS

Similar to the sun, short-wave infrared radiation heats the objects without heating the air. Once objects (or walls) are penetrated with heat, they can also radiate and heat other objects. Infrared radiation heats through fog or wind. Infrared radiation travels straight, unlike hot air which rises. Infrared heaters are an excellent solution for:

- Heating objects, bodies or walls indoors and outdoors.
- Drying plaster walls. Infrared heat penetrates the wall and evaporates the humidity of the wall from inside. Unlike an air flow heater which creates a dry surface which traps humidity in the wall.
- Heating objects or limited indoor spaces. Unlike other methods where the hot air is quickly dispersed in the room.
- Saving energy, because less energy is required for achieving the same heating effect.

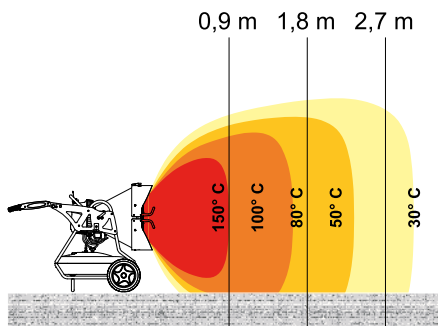


**INFRARED HEATERS  
HEAT OBJECTS**

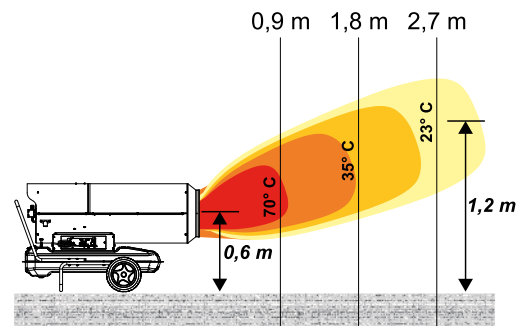


**AIR FLOW HEATERS  
HEAT AIR (AND OBJECTS)**

### SIDE VIEW

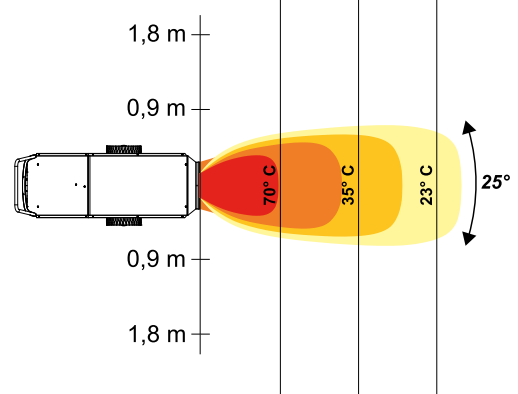
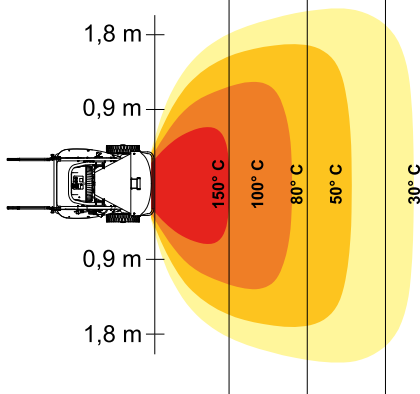


**XL 9 or XL 91**



**AIR FLOW HEATER**

### TOP VIEW







DC 61

PATENT

## Included in the box

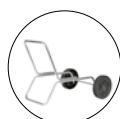


Power cord

Master battery  
pack charger  
- 4260.270**6Ah Master lithium battery pack:**  
4 hours run-time. More than 1000 recharges.- 4260.268

- Can be plugged into the mains (110-240 V) or can be used cordless with lithium battery (14 V)
- 14 V only the highest electrical safety
- Equipped with Master Lithium Battery BAT6
- On board power adaptor from 110 V to 220 V AC included
- Low noise
- Infrared heating (short wave)
- No air flow
- Electronic flame control with photocell
- Post-ventilation
- Standard oil level indicator
- ILME socket for remote thermostat: analogue or digital
- Suction filter and inlet filter
- Snorkel
- Overheat thermostat
- Anti-tilt switch
- Battery: 4 hours run-time and fully charged in 60 minutes

## Optional accessories

**Analogue thermostat  
TH5 with cable**  
3m - 4150.109  
10m - 4150.112**Digital thermostat  
THD with cable**  
5m - 4150.133  
10m - 4150.134**Trolley**  
4201.159**Consumables packs**  
DC 61- 4519.023

Specifications	Units	DC 61
Heating power	kW	17
	Btu/h	58,000
	kcal/h	14,600
Fuel consumption	l/h	1.6
Fuel autonomy	h	7
Thermostat control		Analogue or digital
Electric power	kW	0.2
Power supply	V/Hz	110-240/1ph/50
Rated current	A	1
Tank capacity	l	11
Product size (l x w x h)	mm	560 x 345 x 575
Box size (l x w x h)	mm	680 x 380 x 580
Net/gross weight	kg	19/21
Pallet	pcs	12
T Ambient 20°C	DC 61	0.5m-110°C 1m-50°C 1.5m-20°C

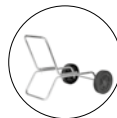
**XL 61**

PATENT

**With trolley****Display and socket for remote thermostat**

- Infrared heating (short wave)
- Electronic flame control with photocell
- Post-ventilation
- Standard oil level indicator
- ILME socket for remote thermostat: analogue or digital
- Suction filter and inlet filter
- Snorkel
- Overheat thermostat
- Anti-tilt switch
- 110 V available

**Optional accessories**
**Analogue thermostat  
TH5 with cable**  
 3m - **4150.109**  
 10m - **4150.112**

**Digital thermostat  
THD with cable**  
 5m - **4150.133**  
 10m - **4150.134**

**Trolley**  
**4201.159**

**Consumables packs**  
 XL 61 - **4519.023**

Specifications	Units	XL 61
Heating power	kW	17
	Btu/h	58,000
	kcal/h	14,600
Fuel consumption	l/h	1.35
Fuel autonomy	h	7
Thermostat control		Analogue or digital
Electric power	kW	0.2
Power supply	V/Hz	220-240/1ph/50
Rated current	A	0.85
Tank capacity	l	11
Product size (l x w x h)	mm	560 x 345 x 575
Box size (l x w x h)	mm	600 x 380 x 580
Net/gross weight	kg	19/21
Pallet	pcs	12
T Ambient 20°C	XL 61	0.5m-110°C 1m-50°C 1.5m-20°C

**XL 9SR-91**
**XL 9 SR**  
**Gear diesel Pump**

PATENT

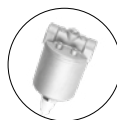

**XL 91**  
**Solenoid Diesel Pump**

PATENT



- Separate Master burner
- Low noise
- Infrared heating (short wave)
- 2-step power
- Electronic flame control with photocell
- Post-ventilation
- Oil level indicator
- Oil pump filter, suction filter and inlet filter
- Snorkel (XL 91)
- Adjustable direction/tilting
- Trolley included

**Optional accessories**
**Analogue thermostat**  
**TH5 with cable**  
 3m - **4150.109**  
 10m - **4150.112**

**Digital thermostat**  
**THD with cable**  
 5m - **4150.133**  
 10m - **4150.134**  
 (for XL 91 only)

**Fuel preheater**  
**4033.049**

**Consumables packs**  
 XL 91 - **4519.017**  
 XL 9SR (from 2019)  
**4519.018**

Specifications	Units	XL 9SR		XL 91	
Heating power	kW	29	43	29	43
	Btu/h	99,300	146,900	99,300	146,900
	kcal/h	25,000	37,000	25,000	37,000
Fuel consumption	l/h	2.7	4.03	2.7	4.03
Fuel autonomy	h	21	14	21	14
Thermostat control		Analogue		Analogue or digital	
Electric power	kW	0.16		0.19	
Power supply	V/Hz	220-240/1ph/50		220-240/1ph/50	
Rated current	A	0.7		0.7	
Tank capacity	l	60		60	
Product size (l x w x h)	mm	1070 x 700 x 980		710 x 970 x 990	
Box size (l x w x h)	mm	1200 x 750 x 1130		1030 x 750 x 1190	
Net/gross weight	kg	69/85		69/85	
Pallet	pcs	1		1	
110 V		Available		No	

**TS 3A**

LONG WAVE

**HALL 1500**

SHORT WAVE

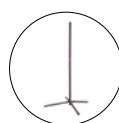
**HALL 3000**

SHORT WAVE



- Infrared heating and instant heat
- No air flow
- No oxygen consumption
- No fumes, no dust, no odours, no humidity, no noise
- 100% efficiency
- Life of the lamps: 5,000 hours
- Non-blinding golden lamps

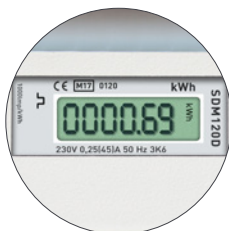
#### Optional accessories


**Stand for HALL 1500**  
**4012.321**

Specifications	Units	TS 3A	HALL 1500	HALL 3000
Heating power	kW	0.8-1.6-2.4	1.5	1.5/3.0
	Btu/h	2,700-5,500-8,200	5,100	5,100-10,200
	kcal/h	690-1,380-2,070	1,290	1,290-2,580
Infrared radiation		Long wave	Short wave	Short wave
Power supply	V/Hz	220-240/1ph/50	220-240/1ph/50	220-240/1ph/50
Rated current	A	10.5	6.5	13.0
Switch on/off		Yes	Yes	Yes
Insulating class		1	1	1
Lamp		Ceramic infrared	Gold	Gold
Lamp life	h	No limits	5000	5000
Approximate area	m <sup>2</sup>	8	6	8
Cable		HØ7	HØ7	HØ7
Product size (l x w x h)	mm	398 x 413 x 495	735 x 650 x 1765*	590 x 600 x 870
Box size (l x w x h)	mm	440 x 390 x 240	550 x 250 x 330	550 x 340 x 640
Net/gross weight	kg	7.6/8.2	4.8/5.7	12/13
Pallet	pcs	40	36	12
T Ambient 20°C		0.5m-70°C 1m-45°C 1.5m-35°C 2m-30°C	0.5m-70°C 1m-45°C 1.5m-35°C 2m-28°C	0.5m-85°C 1m-50°C 1.5m-40°C 2m-30°C

\* with stand



**TIH 650+****Setup panel vertically or horizontally****Panel equipped with a MID-compliant energy consumption metre**

- Powerful, robust, flexible
- No noise, no odour, no condensate, no oxygen consumption
- Even heat distribution across entire area
- Rear insulation for maximum energy efficiency
- IR-C radiation for quick brickwork drying
- Can be stacked quickly and stably
- Feet assembly without using tools
- Incorporated transport retainer for feet
- Overheating protection

**Optional accessories****Mounting brackets connection kit**  
1.410.003.003**Mounting clamps**  
1.410.003.004**Stacking handle set**  
1.410.003.009**Transport bag Trotec**  
1.410.003.005

Specifications	Units	TIH 650+
Heating power	W	650
Range	m <sup>2</sup>	0.85
Power supply	V/Hz	230/1ph/50
Plug connection		CEE 7/7
Rated current	A	2.1
Protection class		IP44
Cable units	m	3
Product size (l x w x h)	mm	36 x 1370 x 625
Weight	kg	10.7



BLP 17M  
BLP 33M  
BLP 53M  
BLP 73M



- Manual ignition
- Electrovalve
- Safety gas valve with thermocouple
- Regulator includes safety valve which stops the gas flow in the case of cracks in the gas tube
- Regulator and gas hose included
- Motor with thermal protection
- Overheat thermostat
- Adjustable heat
- Easy maintenance
- The BLP 17 is provided with a heat and consumption knob. For other models, adjustment is possible using the gas regulator.

## Optional accessories



### Multiple bottles coupling set

DE/AT/DK/NL/PL:

Gas hose - **4515.901**, Gas T-connector - **4515.902**

ES/HR/SI/CZ/HU/FR/CH/BE/SK/YU/BA/RO/BG/LT/LV/EE/BA/RU:

Gas hose - **4515.914**, Gas T-connector - **4515.912**



### Orientable frame

for BLP 33M-53M-73M - **4103.150**

Specifications	Units	BLP 17M	BLP 33M	BLP 53M	BLP 73M
Heating power	kW	10-16	18-33	36-53	49-73
	Btu/h	34,200-54,800	61,500-112,800	123,000-181,000	167,100-249,300
	kcal/h	8,600-13,800	15,500-28,400	31,000-45,600	42,100-62,800
Pressure	bar	0.7	0.75-1.5	0.75-1.5	0.75-1.5
Air flow	m <sup>3</sup> /h	300	1,000	1,450	2,300
Fuel consumption	kg/h	1.16	2.4	3.78	5.02
Power supply	V/Hz	220-240/1ph/50	220-240/1ph/50	220-240/1ph/50	220-240/1ph/50
Electric power	kW	0.053	0.06	0.11	0.218
Rated current	A	0.23	0.26	0.48	0.95
Product size (l x w x h)	mm	471 x 188 x 293	552 x 220 x 342	605 x 276 x 444	685 x 276 x 444
Box size (l x w x h)	mm	550 x 230 x 300	600 x 250 x 360	680 x 300 x 510	760 x 300 x 510
Net/gross weight	kg	4.5/5.5	7.5/9	13/15	15/17
Pallet	pcs	49	36	16	16
Dual voltage		No	Available	Available	Available

# BLP 33-53-73-103ET



**BLP 33ET**  
**BLP 53ET**  
**BLP 73ET**

PATENT



**BLP 103ET**



- Double electrovalve
- The ionisation electrode continuously checks the presence of the flame
- Post ventilation
- Regulator includes safety valve which stops the gas flow in case of cracks in the gas tube
- Motor with thermal protection
- Overheat thermostat
- Adjustable heat

## Optional accessories



**Analogue thermostat**  
**TH5 with cable**  
3m - **4150.109**  
10m - **4150.112**



**Digital thermostat**  
**THD with cable**  
5m - **4150.133**  
10m - **4150.134**



**Orientable frame**  
**for BLP 33E-53ET-73ET-**  
**4103.150**



**Multiple bottles coupling set**  
**DE/AT/DK/NL/PL:**  
Gas hose - **4515.901**  
Gas T-connector - **4515.902**  
**ES/HR/SI/CZ/HU/FR/CH/BE/**  
**SK/YU/BA/RO/BG/LT/LV/EE/**  
**BA/RU:**  
Gas hose - **4515.914**  
Gas T-connector - **4515.912**

Specifications	Units	BLP 33ET	BLP 53ET	BLP 73ET	BLP 103ET
Heating power	kW	18-33	36-53	49-73	57-103
	Btu/h	61,500-112,800	123,000-181,000	167,100-249,300	194,500-351,700
	kcal/h	15,500-28,400	31,000-45,600	42,100-62,800	49,000-88,600
Pressure	bar	0.75-1.5	0.75-1.5	0.75-1.5	0.75-2.0
Ignition		Electronic	Electronic	Electronic	Electronic
Thermostat control		Analogue or digital	Analogue or digital	Analogue or digital	Analogue or digital
Air flow	m <sup>3</sup> /h	1,000	1,450	2,300	3,260
Fuel consumption	kg/h	2.4	3.78	5.02	6.66
Power supply	V/Hz	220-240/1ph/50	220-240/1ph/50	220-240/1ph/50	220-240/1ph/50
Electric power	kW	0.074	0.126	0.23	0.23
Rated current	A	0.32	0.55	1.00	1.00
Product size (l x w x h)	mm	552 x 220 x 342	605 x 276 x 444	685 x 276 x 444	895 x 324 x 624
Box size (l x w x h)	mm	600 x 250 x 360	680 x 300 x 510	760 x 300 x 510	940 x 390 x 620
Net/gross weight	kg	7.5/9	13/15	15/17	22.3/27.5
Pallet	pcs	36	16	16	6

# Portable water heaters

## HEYLO EW 18-E



EW 18-E



**3 different sockets on board**  
230V/1ph/16A/3 kW, 400V/3ph/16A/9 kW, 400V/3ph/32A/18 kW



**Digital control panel**



- Portable electric water heater heating up to 18kW with individually adjustable heating programs
- Compact and quick to install
- Ready for operation thanks to a direct connection to the building's pipeline network
- Service-friendly thanks to direct access to the heating elements
- Heating element with three high-quality steel electric rods
- Data logger function
- Expansion tank
- Accepting different electric plugs
- Large wheels for easy transport
- Automatic venting
- Recommended for: emergency in case of heating system failure, frost protection, functional heating in case of testing new boiler systems, screed drying

### Optional accessories



**Power cords, 10m**  
230V-16A - **1200092**  
400V-16A - **4515.332**  
400V-32A - **4515.334**



**Pipes, 3m (set of 2: flow and return) - 1200090**



**Tube for filling, 5m - 1200091**

Specifications	Units	EW 18-E
Heating power	kW	3/9/18
	Btu/h	10,200/30,700/61,400
	kcal/h	2,600/7,700/15,500
Heating temperatures	°C	5-80
Electric power	kW	18
Power supply	V/Hz	220-240/1ph/50, 400/3ph/50
Rated current	A	26.5
Product size (l x w x h)	mm	610 x 590 x 1010
Box size (l x w x h)	mm	680 x 660 x 1160
Net/gross weight	kg	70/84



Multi air handlers  
**TAC XT 18-27**



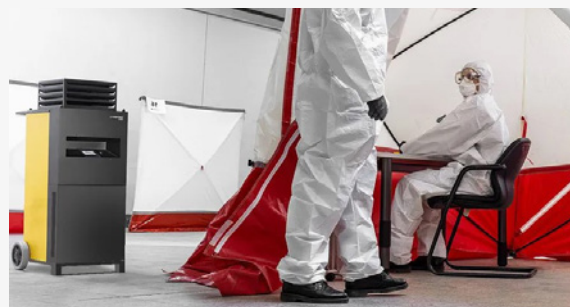
**TAC XT 18**  
**TAC XT 27**



**Digital control panel**



**Main switch**



- Unique 4-in-1 device for fully automatic room heating, with or without HEPA air purification, thermal decontamination of rooms, surfaces and equipment, professional pest control and high-performance air purification and virus filtration
- Room or surface target temperature adjustable from 0 to max. 75°C (for room heating, decontamination or disinfestation)
- Ideally balanced system components provide a solution for various applications
- Adjustable treatment cycle from 10min - 16h
- Programmable touch display
- Update control software via USB
- Indicator for filter change
- Available in stainless steel

**Optional accessories**



**F7 mini pleat filter -**  
**7.160.000.449**



**H14 Particle filter -**  
**7.160.000.106**



**Flowstop orifice -**  
**6.100.007.063**



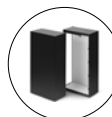
**DualHeat blow-out tower -**  
**6.100.007.060**



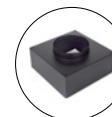
**HG 125 Electronic Thermohygrostat -**  
**6.100.002.042**



**FlowExtender Silence+ -**  
**6.100.007.006**



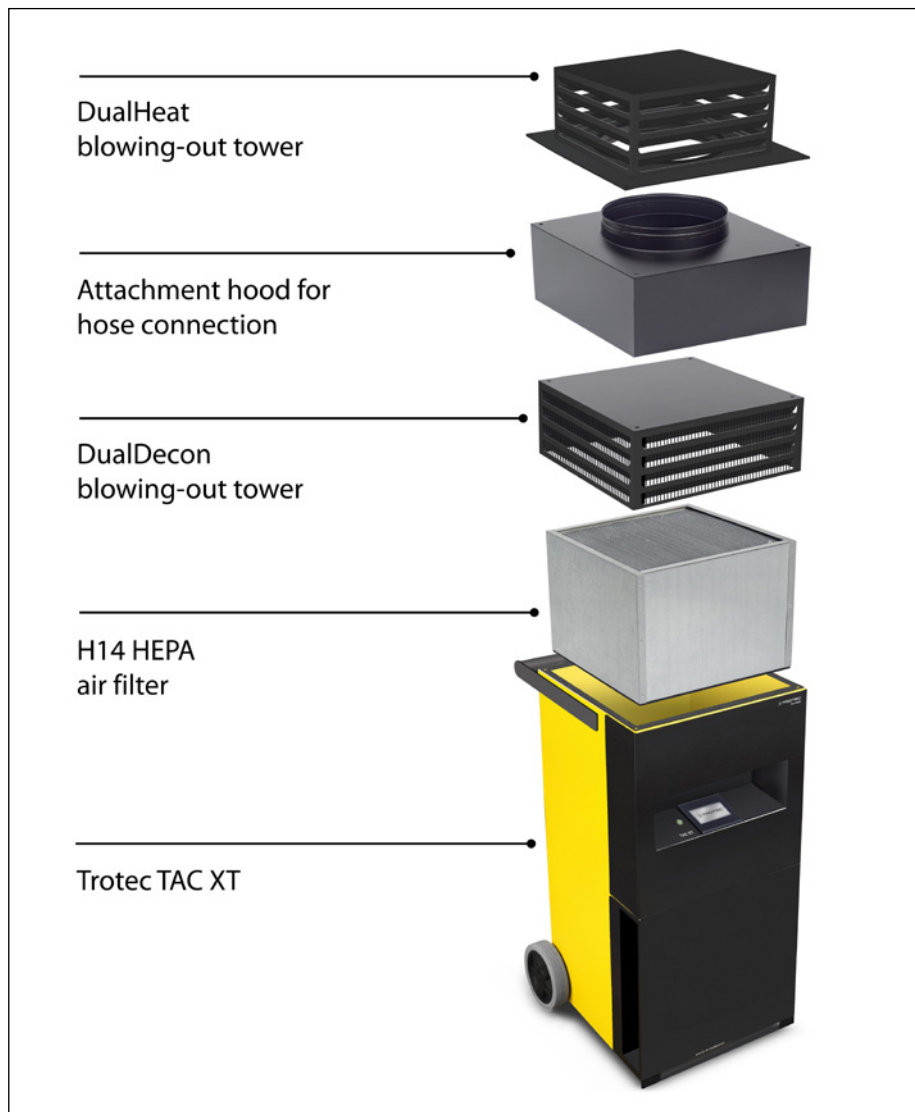
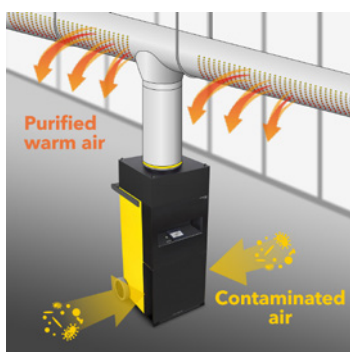
**Sound protection caps -**  
**6.100.007.072**



**Attachment hood for hose connection -**  
**6.100.007.061**

# Multi air handlers

## TAC XT 18-27



Specifications	Units	TAC XT 18	TAC XT 27
Heating power	kW	18	27
Max. air outlet temperature	°C	95	95
Fan		Radial	Radial
Sound values ISO 11203	dB(A)	35-59	35-59
Air flow without/with H14 filter	m³/h	2,500/1,200	2,500/1,200
Power supply	V/Hz	2 x 380 - 480 V/50 - 60 Hz	2 x 380 - 480 V/50 - 60 Hz
Electric power	kW	18	27
Connection plug	A	2 x CEE 16 A	CEE 32 A, CEE 16 A
Rated current	A	32	32
Product size (l x w x h)	mm	690 x 630 x 1,300	690 x 630 x 1,300
Product size (FlowExtender) (l x w x h)	mm	690 x 630 x 2,300	690 x 630 x 2,300
Weight	kg	93.1	96

# HOW TO CHOOSE YOUR HEATER



**MASTER**  
CLIMATE SOLUTIONS

ΔT 30°C

## INFRARED HEATING

SUGGESTED  
HEATED AREA



Oil

Electric



kW			m <sup>2</sup>
1.5 kW	–	HALL 1500	4
2.4 kW	–	TS 3A	6
3.3 kW	–	HALL 3000	8
20 kW	XL 61	–	16
43 kW	XL 91	–	25

This chart will help you choose the best heater for your needs. The selection can be made in two ways: you can either refer to the power required (kW column) and choose the relevant heaters, or refer to the room dimension (m<sup>2</sup> column) and choose the correct heater according to the level of insulation.

This calculation is intended for a temperature increase of 30°C for lower or higher increases, the result will change in proportion. Example: for a temperature increase of 10°C, only a third of the power indicated in the chart is required.

- K=0.5** Well insulated buildings (houses and offices)
- K=1.5** Moderately insulated buildings (garages)
- K=2.5** Poorly insulated buildings (old houses and cellars)
- K=3.5** Not insulated buildings (wood or corrugated metal buildings, greenhouses)

**For a more accurate calculation, you can refer to the following formula:**

$$V \times \Delta T \times K / 860 = \text{kW}$$

**V** is the volume to be heated in m<sup>3</sup>  
**ΔT** is the difference between the existing and desired temperature in °C  
**K** is the dispersion coefficient (from 0.5 to 3.5)

**1 kW = 860 kcal/h**  
**1 kcal/h = 3.97 Btu/h**  
**1 kW = 3412 Btu/h**  
**1 Btu/h = 0.252 kcal/h**

## AIR FLOW HEATING

SUGGESTED HEATED VOLUME



Electric

Gas

Direct Oil

Indirect Oil



kW										m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>
2 kW	B 2	–	–	–	–	82	38	23	16				
3.3 kW	B 3 TR 3	–	–	–	–	135	63	38	27				
5 kW	B 5	–	–	–	–	205	96	57	41				
9 kW	B 9 TR 9	–	–	–	–	369	172	103	74				
10 kW	–	–	B 35	–	–	410	191	115	82				
15 kW	B 15	–	–	–	–	614	287	172	123				
16 kW	–	BLP 17	–	–	–	655	306	183	131				
18 kW	B 18	–	–	–	–	737	344	206	147				
20 kW	–	–	B 70	BV 77	–	819	382	229	164				
22 kW	B 22	–	–	–	–	901	420	252	180				
29 kW	–	–	B 100	F 30	–	1188	554	333	238				
30 kW	B 30	–	–	–	–	1229	573	344	246				
33 kW	–	BLP 33	–	BV 110	–	1351	631	378	270				
40 kW	RS 40	–	–	–	–	2393	764	458	327				
44 kW	–	–	B 150	–	–	1802	841	505	360				
47 kW	–	–	–	BV 170	–	1925	898	539	385				
48 kW	–	–	B 180	–	–	1966	917	550	393				
53 kW	–	BLP 53	–	F 60	–	2170	1013	608	434				
65 kW	–	–	B 230	–	–	2662	1242	745	532				
73 kW	–	BLP 73	–	F 80	–	2990	1395	837	598				
81 kW	–	–	–	BV 290	–	3317	1548	929	663				
90 kW	–	–	B 300	–	–	5160	1720	1032	737				
103 kW	–	BLP 103	–	–	–	4218	1968	1181	844				
111 kW	–	–	B 360	BV 400	–	4546	2121	1273	909				
134 kW	–	–	–	BV 471	–	5488	2561	1537	1098				
220 kW	–	–	–	BV 691	–	9010	4204	2523	1802				

# HEATING ACCESSORIES














# Heater

## ACCESSORIES

### Thermostats






Illustration	Accessory	Code	Description	Products
	<b>Analogue thermostat TH5 with cable</b>	<b>4150.109</b> <b>4150.112</b>	3m 10m Temperature range -5°C/+35°C	Direct oil, indirect oil, AIR-BUS, BLP ET B 18, B 30, RS 40, XL 9, XL 61, XL 91, DC 61 Heylo DE 10-20-20 S-30
	<b>Digital thermostat THD with cable</b>	<b>4150.133</b> <b>4150.134</b>	5m 10m Temperature range -30°C/+100°C	Direct oil, indirect oil, AIR-BUS, DC 61, BLP ET, XL 61, XL 91, Heylo DE 10-20-20 S-30
	<b>Remote thermostat THK with probe</b>	<b>4150.137</b>	10m Temperature range -30°C/+100°C	EKO 3, EKO 9
	<b>High temperature thermostat with cable</b>	<b>1240120</b>	10m Temperature range 0°C/+120°C	Heylo DE 20 SH

### Fuel systems


Illustration	Accessory	Code	Description	Products
	<b>Fuel preheater</b>	<b>4100.827</b> <b>4033.049</b>		B 180, BV 77 B 230, B 360, BV 110, BV 170, BV 290, BV 400, XL 9, XL 91
	<b>Fuel line</b>	<b>4031.460</b>	4m	BV 471, BV 691
	<b>Fuel scoop</b>	<b>4515.510</b>		B 230, B 360, BV 110, BV 170, BV 290, BV 471, BV 691, BV 400
	<b>Quick connector to flex pipes for separate tank</b>	<b>4034.880</b> <b>4035.232</b> <b>4240.580</b>		B 230, B 360, BV 110, BV 170, BV 290 BV 400 BV 471, BV 691
	<b>External tanks</b>	<b>4240.780</b> <b>4240.800</b>	150l 200l	BV 471 BV 691

## Heater ACCESSORIES

### Exhaust systems


Illustration	Accessory	Code	Description	Products
	Stainless steel exhaust pipe 1m	4013.260 4013.243 4013.245	Ø120mm Ø150mm Ø200mm	BV 77, BV 110, BV 170, BV 290, BV 400, Heylo K 50, K 80 BV 471, BV 691, Heylo K 120, K 160, K 160 R
	Stainless steel exhaust elbow 90°	4013.261 4013.247 4013.248	Ø120mm Ø150mm Ø200mm	BV 77, BV 110, BV 170, BV 290, BV 400, Heylo K 50, K 80 BV 471, BV 691, Heylo K 120, K 160, K 160 R
	Stainless steel exhaust adjustable elbow 0 - 90°	4515.977 4515.950 4515.951	Ø120mm Ø150mm Ø200mm	BV 77, BV 110, BV 170, BV 290, BV 400, Heylo K 50, K 80 BV 471, BV 691, Heylo K 120, K 160, K 160 R
	Stainless steel chimney pot	4013.262 4013.249 4013.250	Ø120mm Ø150mm Ø200mm	BV 77, BV 110, BV 170, BV 290, BV 400, Heylo K 50, K 80 BV 471, BV 691, Heylo K 120, K 160, K 160 R
	Kit for chimney fixing in working and transportation position (exhaust pipes not included)	4240.567 4240.682		BV 471 BV 691

### Power cords

Illustration	Accessory	Code	Description	Products
	Extension cord	4515.331 4515.332 4515.333 4515.334 4515.335 4515.336	16A, 5m 16A, 10m 32A, 5m 32A, 10m 63A, 5m 63A, 10m	B 5, B 9 B 5, B 9, EW -18E B 15, B 18, B 22 B 15, B 18, B 22, EW 18-E B 30, RS 40 B 30, RS 40




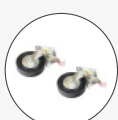







### Rain covers





Illustration	Accessory	Code	Description	Products
	Rain covers	4514.652 4514.651 4514.650	-	BV 77 BV 110, BV 170 BV 290



## Additional equipment





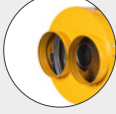

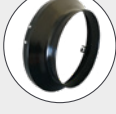

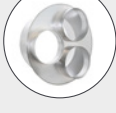
Illustration	Accessory	Code	Description	Products
	<b>Trolley</b>	<b>4103.925</b> <b>4201.159</b>		B 35, B 70 XL 61, DC 61
	<b>Stand</b>	<b>4012.321</b>		HALL 1500
	<b>Pneumatic wheels</b>	<b>4240.585</b> <b>4240.684</b>		BV 471 BV 691
	<b>Rotating wheels kit</b>	<b>4240.598</b> <b>4240.667</b>		BV 471 BV 691
	<b>Lift brackets</b>	<b>4034.922</b> <b>4034.926</b>		BV 110, BV 170, B 230 BV 290, B 360
	<b>Forklift slots</b>	<b>4240.576</b> <b>4240.681</b> <b>4035.224</b>		BV 471 BV 691 BV 400
	<b>Uplift kit</b>	<b>4035.112</b>		BV 400
	<b>Lateral bumper kit</b>	<b>4240.560</b> <b>4240.683</b>		BV 471 BV 691
	<b>Orientable frame</b>	<b>4103.150</b>		BLP 33M/E, BLP 53M/E, BLP 73M/E

## Additional equipment

Illustration	Accessory	Code	Description	Products
	Inlet adaptor	1261200 1261205		Heylo K 120, K 160 R Heylo K 160
	Impeller with stop function	1261206		Heylo K 120, K 160, K 160 R
	Forklifts console "container"	1261202		Heylo K 120, K 160, K 160 R
	Forklifts console	1261203		Heylo K 120, K 160, K 160 R



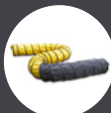
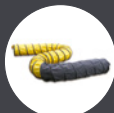


## Air outlets and inlets

Illustration	Accessory	Code	Description	Products
	1-way outlet panel	4240.825 4240.633	Ø600mm Ø700mm	BV 471 BV 691
	2-way outlet panel	4511.808 4511.807 4034.898 4034.911 4240.235 4240.668	2 x Ø230mm 2 x Ø300mm 2 x Ø300mm 2 x Ø300mm 2 x Ø400mm 2 x Ø500mm	B 18 B 30 BV 110, BV 170 BV 290 BV 471 BV 691
	4-way outlet panel	4240.553 4240.669	4 x Ø270mm 4 x Ø320mm	BV 471 BV 691
	1-way outlet	4033.976	Ø400mm	BV 400
	2-way outlet	4034.480	Ø300mm	BV 400
	Air inlet kit for recycling	4100.826 4100.825 4035.068 4240.709 4240.748	Ø300mm Ø400mm Ø400mm Ø580mm Ø680mm	BV 110, BV 170 BV 290 BV 400 BV 471 BV 691
	Outlet adaptor ring	4034.929 4034.890 4034.895 4210.180	Ø300mm Ø340mm Ø400mm Ø500mm	BV 77 BV 110, BV 170 BV 290 RS 40
	2-way outlet	1200296 1200021	2 x Ø305mm 2 x Ø420mm	Heylo K 50 Heylo K 120- K 160
	3-way outlet	1200011 1200008	3 x Ø305mm 3 x Ø305mm	Heylo K 80 Heylo K 120- K 160



## Flex tubes options

Illustration	Accessory	Code	Description	Products
  	<b>NYLON flex tubes</b> <b>Black bag included</b>	<b>4515.364</b> <b>4515.360</b>  <b>4515.367</b> <b>4515.361</b>  <b>4515.366</b> <b>4515.362</b> <b>4515.365</b>	Ø230mm - 7.6m Ø305mm - 7.6m  Ø340mm - 7.6m Ø407mm - 7.6m  Ø51cm - 7.6m Ø61cm - 7.6m Ø71cm - 7.6m	B 18 (2-way outlet) BV 77, BV 110 (2-way outlet), BV 170 (2-way outlet), BV 290 (2-way outlet), BV 400 (2-way outlet), Heylo DE 20 SH BV 471 (4-way outlet), B 18 EPR (1-way outlet), B 30 EPR (2-way outlet)  BV 110 (1-way outlet), BV 170 (1-way outlet), BV 691 (4-way outlet) BV 290 (1-way outlet), BV 400 (1-way outlet), BV 471 (2-way outlet), B 30 EPR (1-way outlet)  BV 691 (2-way outlet), RS 40 BV 471 (1-way outlet) BV 691 (1-way outlet)
	<b>PVC flex tubes</b> <b>black and yellow</b>	<b>4515.557</b> <b>4515.572</b>  <b>4515.553</b>  <b>4515.558</b> <b>4515.570</b> <b>4031.401</b> <b>4515.571</b>  <b>4515.552</b> <b>4031.038</b> <b>4515.556</b>	Ø230mm - 7.6m Ø305mm - 3.0m  Ø305mm - 7.6m  Ø340mm - 7.6m Ø340mm - 3.0m Ø407mm - 7.6m Ø407mm - 3.0m  Ø508mm - 7.6m Ø610mm - 7.6m Ø710mm - 7.6m	B 18 (2-way outlet) BV 77, BV 110 (2-way outlet), BV 170 (2-way outlet), BV 290 (2-way outlet), BV 400 (2-way outlet), BV 471 (4-way outlet), B 18 EPR (1-way outlet), B 30 EPR (2-way outlet) BV 77, BV 110 (2-way outlet), BV 170 (2-way outlet), BV 290 (2-way outlet), BV 400 (2-way outlet), BV 471 (4-way outlet), B 18 EPR (1-way outlet), B 30 EPR (2-way outlet) BV 110 (1-way outlet), BV 170 (1-way outlet), BV 691 (4-way outlet)  BV 290 (1-way outlet), BV 500 (1-way outlet), BV 471 (2-way outlet), B 30 EPR (1-way outlet)  BV 691 (2-way outlet), RS 40 BV 471 (1-way outlet) BV 691 (1-way outlet)
	<b>Perforated tubes</b> * offered per linear metre	<b>4514.593*</b> <b>4514.594*</b> <b>4517.617*</b>	Ø509mm - one roll 25m Ø611mm - one roll 50m Ø713mm - one roll 50m	
	<b>Bags for black and yellow flex tubes</b>	<b>4515.592</b> <b>4515.591</b> <b>4515.593</b>	Ø305mm Ø407mm Ø610mm	For tubes: 4515.553/4515.572/ 4515.557  For tubes: 4031.401/4515.571/4515.558/ 4515.570  For tubes: 4031.038/4515.552
	<b>Soft grid</b>	<b>4515.350</b> <b>4515.353</b> <b>4515.351</b> <b>4515.352</b>	Ø305mm Ø340mm Ø407mm Ø610mm	4515.553/4515.572/4515.360 4515.558/4515.367/4515.570 4031.401/4515.361/4515.571 4031.038/4515.362

## How to choose your flex tube

				PVC black and yellow	PVC black and yellow	PVC bag	NYLON black with bag
							
				Flex tube length	Flex tube length		Flex tube length
Device		Adaptor for flex tube	Flex tube diametre	3.0m	7.6m		7.6m
BV 77	1 WAY	4034.929	305	4515.572	4515.553	4515.592	4515.360
BV 110	1 WAY	4034.890	340	4515.570	4515.558		4515.367
	2 WAY	4034.898	305	4515.572	4515.553	4515.592	4515.360
BV 170	1 WAY	4034.890	340	4515.570	4515.558		4515.367
	2 WAY	4034.898	305	4515.572	4515.553	4515.592	4515.360
BV 290	1 WAY	4034.895	407	4515.571	4031.401	4515.591	4515.361
	2 WAY	4034.911	305	4515.572	4515.553	4515.592	4515.360
BV 400	1 WAY	on board	407	4515.571	4031.401	4515.591	4515.361
	2 WAY	4034.480	305	4515.572	4515.553	4515.592	4515.360
BV 471	1 WAY	on board	610		4031.038	4515.593	4515.362
	2 WAY	4240.235	407	4515.571	4031.401	4515.591	4515.361
	4 WAY	4240.553	305	4515.572	4515.553	4515.592	4515.360
BV 691	1 WAY	on board	710		4515.556		4515.365
	2 WAY	4240.668	508		4515.552		4515.366
	4 WAY	4240.669	340	4515.570	4515.558		4515.367
B 18 EPR	1 WAY	on board	305	4515.572	4515.553	4515.592	4515.360
	2 WAY	4511.808	230	4515.571	4515.557		4515.364
B 30 EPR	1 WAY	on board	407	4515.571	4031.401	4515.591	4515.361
	2 WAY	4511.807	305	4515.572	4515.553	4515.592	4515.360
RS 40	1 WAY	4210.180	508		4515.552		4515.366

## How to choose your flex tube

			Type 'A'	High temperature
				
Device	Adaptor for flex tube	Flex tube diameter	length 7.6m	length 5m
Heylo K 50	included	420	4515.548	
	1 200 296	2 x 305	4515.553	
Heylo K 80	included	520	4515.546	
	1 200 011	3 x 305	4515.553	
Heylo K 120	included	550	4515.549	
	1 200 008	3 x 305	4515.553	
	1 200 021	2 x 420	4515.548	
	1 200 007	520	4515.546	
Heylo K 160	included	550	4515.549	
Heylo K 160 R	included	550	4515.549	
Heylo DE 20 S	included	305	4515.553	
Heylo DE 20 SH	included	305		1250069



## CONSUMABLE PACKS

Illustration	Model	Pack code	Items included
	<b>B 35 CED B 35 CEL</b>	<b>4519.012</b>	<ul style="list-style-type: none"> <li>• Nozzle</li> <li>• Electrode</li> <li>• Lint filter</li> <li>• Output filter</li> <li>• Intake filter</li> <li>• Fuel filter</li> </ul>
	<b>B 70 CED B 65 CEL</b>	<b>4519.013</b>	<ul style="list-style-type: none"> <li>• Nozzle</li> <li>• Electrode</li> <li>• Lint filter</li> <li>• Output filter</li> <li>• Intake filter</li> <li>• Fuel filter</li> <li>• Nozzle washer</li> <li>• Nozzle seal spring</li> <li>• Nozzle seal sleeve</li> </ul>
	<b>B 100 CED B 100 CEG B 95 CEL</b>	<b>4519.014</b>	<ul style="list-style-type: none"> <li>• Nozzle</li> <li>• Electrode</li> <li>• Lint filter</li> <li>• Output filter</li> <li>• Intake filter</li> <li>• Fuel filter</li> <li>• Nozzle washer</li> <li>• Nozzle seal spring</li> <li>• Nozzle seal sleeve</li> </ul>
	<b>B 150 CED B 150 CEG B 145 CEL</b>	<b>4519.015</b>	<ul style="list-style-type: none"> <li>• Nozzle</li> <li>• Electrode</li> <li>• Lint filter</li> <li>• Output filter</li> <li>• Intake filter</li> <li>• Fuel filter</li> <li>• Nozzle washer</li> <li>• Nozzle seal spring</li> <li>• Nozzle seal sleeve</li> </ul>
	<b>B 300 CED</b>	<b>4519.001</b>	<ul style="list-style-type: none"> <li>• Nozzle</li> <li>• Electrode</li> <li>• Lint filter</li> <li>• Output filter</li> <li>• Intake filter</li> <li>• Fuel filter</li> <li>• Nozzle washer</li> <li>• Nozzle seal spring</li> <li>• Nozzle seal sleeve</li> </ul>
	<b>B 180</b>	<b>4519.006</b>	<ul style="list-style-type: none"> <li>• Nozzle</li> <li>• Electrode</li> <li>• Fuel pump filter Danfoss</li> <li>• Suction filter</li> </ul>
	<b>B 230</b>	<b>4519.007</b>	<ul style="list-style-type: none"> <li>• Nozzle</li> <li>• Electrode</li> <li>• Fuel pump filter Danfoss</li> <li>• Fuel filter element</li> <li>• Fuel filter washers kit</li> </ul>
	<b>B 360</b>	<b>4519.008</b>	<ul style="list-style-type: none"> <li>• Nozzle</li> <li>• Electrode</li> <li>• Fuel pump filter Danfoss</li> <li>• Fuel filter element</li> <li>• Fuel filter washers kit</li> </ul>

# CONSUMABLE PACKS







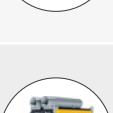

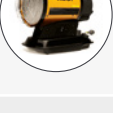
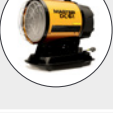
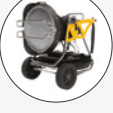
Illustration	Model	Pack code	Items included
	<b>BV 77</b>	<b>4519.002</b>	<ul style="list-style-type: none"> <li>• Nozzle</li> <li>• Electrode</li> <li>• Fuel pump filter Danfoss</li> <li>• Suction filter</li> </ul>
	<b>BV 110</b>	<b>4519.003</b>	<ul style="list-style-type: none"> <li>• Nozzle</li> <li>• Electrode</li> <li>• Fuel pump filter Danfoss</li> <li>• Fuel filter element</li> <li>• Fuel filter washers kit</li> </ul>
	<b>BV 170</b>	<b>4519.004</b>	<ul style="list-style-type: none"> <li>• Nozzle</li> <li>• Electrode</li> <li>• Fuel pump filter Danfoss</li> <li>• Fuel filter element</li> <li>• Fuel filter washers kit</li> </ul>
	<b>BV 290</b>	<b>4519.005</b>	<ul style="list-style-type: none"> <li>• Nozzle</li> <li>• Electrode</li> <li>• Fuel pump filter Danfoss</li> <li>• Fuel filter element</li> <li>• Fuel filter washers kit</li> </ul>
	<b>BV 400</b>	<b>4519.009</b>	<ul style="list-style-type: none"> <li>• Nozzle</li> <li>• Electrode</li> <li>• Fuel pump filter Danfoss</li> <li>• Fuel filter element</li> <li>• Fuel filter washers kit</li> </ul>
	<b>BV 471</b>	<b>4519.019</b>	<ul style="list-style-type: none"> <li>• Nozzle</li> <li>• Electrode</li> <li>• Fuel pump filter Riello</li> <li>• Fuel preheater filter element</li> <li>• Fuel filter washers kit</li> </ul>
	<b>BV 691</b>	<b>4519.020</b>	<ul style="list-style-type: none"> <li>• Nozzle</li> <li>• Electrode</li> <li>• Fuel pump filter Riello</li> <li>• Fuel preheater filter element</li> <li>• Fuel filter washers kit</li> </ul>
	<b>XL 61</b>	<b>4519.023</b>	<ul style="list-style-type: none"> <li>• Nozzle</li> <li>• Electrode</li> <li>• Fuel filter</li> </ul>
	<b>DC 61</b>	<b>4519.023</b>	<ul style="list-style-type: none"> <li>• Nozzle</li> <li>• Electrode</li> <li>• Fuel filter</li> </ul>
	<b>XL 91</b>	<b>4519.017</b>	<ul style="list-style-type: none"> <li>• Nozzle</li> <li>• Electrode</li> <li>• Fuel filter element</li> <li>• Fuel filter washers kit</li> </ul>
	<b>XL 9 SR Model from 2019</b>	<b>4519.018</b>	<ul style="list-style-type: none"> <li>• Nozzle</li> <li>• Electrode</li> <li>• Fuel pump filter Danfoss</li> <li>• Fuel filter element</li> <li>• Fuel filter washers kit</li> </ul>











Illustration	Accessory	Code	Description	Products
	SP-T flexible duct	6.100.001.214 6.100.001.218	Ø457mm, 7.6m Ø600mm, 7.6m	TEH 200 TEH 300 TEH 400
	SP connector nozzles	6.100.001.930 6.100.001.945	Ø457mm Ø600mm	TEH 200 TEH 300 TEH 400
	Tension strap universal for SP series	6.100.001.995	2.5m x 25mm Tensile strength approx. 100kg	TEH 200 TEH 300 TEH 400
	Mounting brackets connection kit	1.410.003.003		TIH 650+
	Mounting clamps	1.410.003.004		TIH 650+
	Stacking handle set	1.410.003.009		TIH 650+
	Transport bag Trotec	1.410.003.005		TIH 650+
	F7 minipleat filter	7.160.000.449	496 x 496 x 96mm	TAC 5000/ TAC XT
	H14 particle filter	7.160.000.106	417x 417 x 292mm	TAC XT
	Flowstop orifice	6.100.007.063		TAC XT

Illustration	Accessory	Code	Description	Products
	DualHeat blow-out tower	6.100.007.060		TAC XT
	HG 125 Electronic Thermohygrostat	6.100.002.042		TAC XT
	FlowExtender Silence+	6.100.007.006		TAC XT
	Sound protection caps	6.100.007.072		TAC XT
	Attachment hood for hose connection	6.100.007.061		TAC XT





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PROFESSIONAL PORTABLE  
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FOR WATER DAMAGE RESTORATION, CONSTRUCTION, WATERWORKS, STORAGE,  
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## AERIAL AD 20



MID



F-GAS

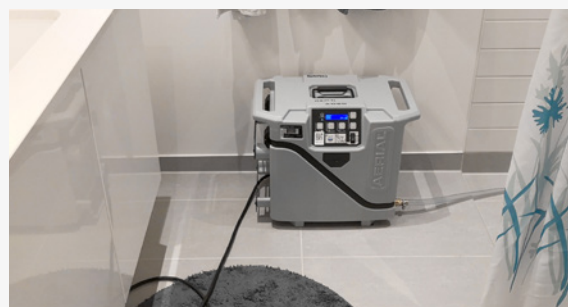


OEM



**AD 20**

The AD 20 is so light and compact that it can be carried comfortably. It has several handles, an integrated condensate pump with overflow protection and numerous other features. These units are produced to a high class finish and are used in building and water damage drying as well as in for industrial and commercial applications, in water management and for protecting and preserving the value of assets.



- Lightweight and compact
- Automatic condensate pump
- Can be combined with all products from the AERCUBE® series
- Fix points for AERCUBE® lashing system
- 2 speed energy efficient EC fan
- Night-mode
- Built-in hygostat
- Fused additional socket (Max 6A)
- Extremely robust, shock-resistant and UV-resistant plastic housing
- Cable retention with magnet holder for plug
- 5 year warranty on rotomoulded housing

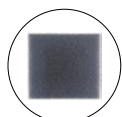


- Condensation principle (heat-pump technology with energy recovery)
- Suitable for heated rooms up to 200m<sup>3</sup> and unheated rooms up to 150m<sup>3</sup>

### Optional accessories



**Drain hose**  
9 x 1.5mm  
**2002058**



**Spare filter**  
**2001235**



**Lashing strap**  
**2002291**



Specifications	Units	AD 20
Capacity (30°C/80% RH)/Power consumption	l/24h/W	18/320
Capacity (27°C/60% RH)/Power consumption	l/24h/W	11/310
Capacity (20°C/60% RH)/Power consumption	l/24h/W	9/260
Capacity (10°C/70% RH)/Power consumption	l/24h/W	5/215
Air flow (speed I/II)	m <sup>3</sup> /h	200/270
Operating temperature range	°C	5-34
Operating humidity range	% RH	35-99
Max. power consumption	W	520
Power supply	V/Hz	230/1ph/50
Sound level	dB(A)	50
Condensate drain	mm	9 x 1.5
Refrigerant	type	R1234yf
Power cord	m	4.5 with plug
Protection class		IPX1
Product size (h x w x d)	mm	420 x 320 x 500
Weight	kg	16.4

\*Tested in warehouse area



**DHP 20****DHP 20****Optional accessories****Air duct**  
5m, Ø102mm - **1250108****Air duct connection adaptor** - **1306539**

- Water pump on board
- On-board humidistat
- Stackable
- Practical cable winder
- Easy to move - wheels and extendable handle
- Mechanical hygrostat
- Heavy-duty, rotomoulded casing
- High efficiency
- Hour counter
- Optional air duct connection for dry air

**Control panel****With optional air duct**

Specifications	Units	DHP 20
Capacity (30°C/80% RH)	l/24h	19
Air flow	m³/h	375
Operating temperature range	°C	5-32
Operating humidity range	% RH	30-90
Power consumption	W	395
Power supply	V/Hz	220-240/1ph/50
Refrigerant	type	R1234yf
Sound level	dB(A)	60
Compressor	type	Rotary
Product size (l x w x h)	mm	360 x 330 x 490
Box size (l x w x h)	mm	410 x 420 x 570
Weight	kg	21
Pallet	pcs	18
Dual voltage		No

# HEYLO DT 650



**DT 650**



**Large water tank 5l**



- Installed hygrostat for infinitely adjustable regulation of the dehumidification performance
- Low cost quiet operation
- Easy to use, durable, reliable
- Electronic defrosting
- Display of current moisture content
- Shapely design (plastic/metal housing)
- Compact design for small spaces and easy transport
- Suitable for areas of approx. 60m<sup>2</sup>

## Optional accessories



**Hygrostat**  
for plug operation  
**1430047**

Specifications	Units	DT 650
Capacity (30°C/80% RH)	l/24h	19
Air flow	m <sup>3</sup> /h	300
Operating temperature range	°C	6-35
Operating humidity range	% RH	35-95
Power consumption	W	410
Power supply	V/Hz	230/1ph/50
Refrigerant	type	R1234yf
Sound level	dB(A)	41
Protection class		IP20
Compressor	type	Reciprocating piston
Tank capacity	l	5
Product size (l x w x h)	mm	370 x 310 x 660
Box size (l x w x h)	mm	360 x 420 x 780
Net/gross weight	kg	28/30
Pallet	pcs	12



# TTK QUBE



**TTK Qube**



**Light and compact,  
easy to carry**



**Intake air filter can be  
removed easily**

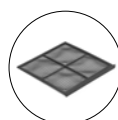


**Stackable**



- High dehumidification performance even at low temperatures
- Comfort function for quiet dehumidification operation
- All electrical components are protected against dust and dampness
- Automatic switch-off function prevents compressor overheating
- Easy to carry and stack
- Integrated condensate pump with a delivery head of max. 10m
- Maintenance-friendly design
- Integrated cable holder
- Integrated hygostat
- For rooms of approx. 110m<sup>3</sup>

## Optional accessories



**Air filter**  
**7.160.000.014**

Specifications	Units	TTK Qube
Capacity (30°C/80% RH)	l/24h	16
Air flow	m <sup>3</sup> /h	283
Operating temperature range	°C	5-35
Operating humidity range	% RH	40-90
Power consumption	W	362
Power supply	V/Hz	220-240/50
Sound level (1m distance)	dB(A)	53
Compressor	type	Rotary
Refrigerant	type/gr	R1234yf/140
Product size (l x w x h)	mm	315 x 382 x 340
Weight	kg	16

## DH 720



**DH 720**



**Digital control panel**



- Attractive design
- Compact plastic casing
- Light and easy to transport
- Quiet operation
- Simple controls
- Built-in hygostat
- Tank full indicator
- Electronic panel control
- For rooms of approx. 50m<sup>3</sup>

Specifications	Units	DH 720
Capacity (30°C/80% RH)	l/24h	20
Capacity (20°C/60% RH)	l/24h	6.7
Refrigerant	type	R290
Air flow	m <sup>3</sup> /h	150
Operating temperature range	°C	5-32
Operating humidity range	% RH	35-95
Power consumption	W	390
Power supply	V/Hz	220-240/1ph/50
Sound level	dB(A)	48
Compressor	type	Rotary
Tank capacity	l	5
Product size (l x w x h)	mm	410 x 210 x 550
Box size (l x w x h)	mm	460 x 260 x 580
Net/gross weight	kg	11/12
Pallet	pcs	27

# HEYLO DT 750



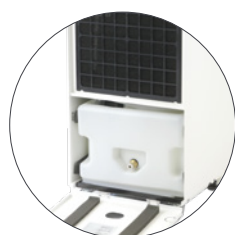
DT 750



- Built-in hygrostat
- Electronic defrosting
- Stackable for space-saving storage
- Easy to transport thanks to large carrying handle, handles on the sides and small rollers on the underside
- Condensate pump optional
- Display of current humidity level
- Suitable for areas of approx. 70m<sup>2</sup>



Stackable



Large water tank 8l

## Optional accessories



Condensate pump  
1110555

Specifications	Units	DT 750
Capacity (30°C/80% RH)	l/24h	22
Air flow	m <sup>3</sup> /h	350
Operating temperature range	°C	3-35
Operating humidity range	% RH	35-95
Power consumption	W	490
Power supply	V/Hz	230/1ph/50
Refrigerant	type	R290
Sound level	dB(A)	43
Protection class		IP44
Compressor	type	Rotary
Product size (l x w x h)	mm	330 X 320 X 670
Box size (l x w x h)	mm	390 x 390 x 720
Net/gross weight	kg	23/26
Pallet	pcs	12

## DH 721-732



**DH 732**



**DH 721**



- Digital control
- High efficiency
- Durable casing
- Simple operation
- Built-in hygrostat
- Continuous operation possible (DH 721)
- Water tank with automatic shut-off when full
- Possibility to connect a hose to remove condensed water
- Air filter
- DH 732 are stackable
- For rooms of approx. 390m<sup>3</sup> (DH 721) - 450m<sup>3</sup> (DH 732)

Specifications	Units	DH 721	DH 732
Capacity (30°C/80% RH)	l/24h	20	29
Capacity (20°C/60% RH)	l/24h	7	13
Air flow	m <sup>3</sup> /h	200	200
Operating temperature range	°C	5-35	5-35
Operating humidity range	% RH	35-90	35-95
Power consumption	W	490	465/339
Refrigerant	type	R290	R290
Power supply	V/Hz	220-240/1ph/50	220-240/1ph/50
Sound level	dB(A)	42	42
Compressor	type	Piston	Rotary
Tank capacity	l	4.7	6.5
Product size (l x w x h)	mm	335 x 305 x 580	358 x 338 x 550
Box size (l x w x h)	mm	380 x 350 x 640	402 x 387 x 592
Net/gross weight	kg	19/21	19.5/21
Pallet	pcs	18	18

## AERIAL AD 40



**AD 40**

Light and compact that the AD 40 can be easily carried just like a suitcase. The AD 40 dehumidifier comes with a handle that folds up and lashing straps can be attached to the sides. The water-collection tank is located inside the dehumidifier. A float measures water levels in the water-collection tank and will switch off the dehumidifier when the tank is full. The unit starts up automatically when the bucket is reinserted and after a power cut.



- Easy to open, clean and maintain
- Ergonomically friendly manual handling features
- Can be combined with all products from the AERCUBE® series
- Fix points for AERCUBE® lashing system
- Hermetically sealed rotary compressor
- 2 speed energy efficient EC fan
- Maintenance-friendly refrigerant circuit with service connector
- Condenser and evaporator made of copper tubes with aluminium fins
- On-demand hot gas defrost system
- Extremely robust, shock-resistant and UV-resistant plastic housing
- 5 year warranty on rotomoulded housing

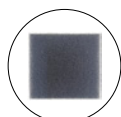


- Condensation principle (heat-pump technology with energy recovery)
- Suitable for heated rooms up to 450m<sup>3</sup> and unheated rooms up to 300m<sup>3</sup>

### Optional accessories



**Drain hose**  
15 x 2mm  
2002053



**Spare filter**  
2001234



**Pump kit**  
2000000



**Lashing strap**  
2002291



## AERIAL AD 40



Specifications	Units	AD 40
Capacity (30°C/80% RH)/Power consumption	l/24h/W	33.5/615
Capacity (20°C/60% RH)/Power consumption	l/24h/W	16/470
Capacity (15°C/60% RH)/Power consumption	l/24h/W	13/410
Air flow (speed I/II)	m³/h	300/400
Operating temperature range	°C	5-34
Operating humidity range	% RH	35-99
Max. power consumption	W	800
Power supply	V/Hz	230/1ph/50
Sound level	dB(A)	53
Tank capacity	l	6.8
Condensate drain	mm	15 x 2
Refrigerant	type	R454C
Power cord	m	4.5 with plug
Protection class		IPX4
Product size (h x w x d)	mm	580 x 390 x 450
Weight	kg	25

\*tested in warehouse area

## AERIAL AD 740



MID



F-GAS



OEM



**AD 740**

These high-quality processed units are used for drying structures and water damage as well as in industrial, trade, protection of investment and water-management applications. They may be used for multiple dehumidification functions. The robust, rotation-moulded plastic housing in AERCUBE® design is absolutely shock- and breakage-proof and can boast a high-quality appearance.



- Easy to open, clean and maintain
- Ergonomically friendly manual handling features
- Can be combined with all products from the AERCUBE® series
- Fix points for AERCUBE® lashing system
- Storage is made easy with a folding handle and recessed wheels
- Hermetically sealed rotary compressor
- 2 speed energy efficient EC fan
- Maintenance-friendly refrigerant circuit with service connector
- Condenser and evaporator made of copper tubes with aluminium fins
- On-demand hot gas defrost system
- Extremely robust, shock-resistant and UV-resistant plastic housing
- 5 year warranty on rotomoulded housing

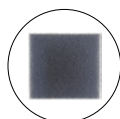


- Condensation principle (heat-pump technology with energy recovery)
- Suitable for heated rooms up to 500m<sup>3</sup> and unheated rooms up to 350m<sup>3</sup>

### Optional accessories



**Drain hose**  
15 x 2mm  
**2002053**



**Spare filter**  
**2001236**



**Pump kit**  
**2000006**



**Lashing strap**  
**2002291**

## AERIAL AD 740



Specifications	Units	AD 740
Capacity (30°C/80% RH)/Power consumption	l/24h/W	34/625
Capacity (20°C/60% RH)/Power consumption	l/24h/W	18/480
Capacity (15°C/60% RH)/Power consumption	l/24h/W	14/415
Air flow (speed I/II)	m <sup>3</sup> /h	450/550
Operating temperature range	°C	5-34
Operating humidity range	% RH	35-99
Max. power consumption	W	800
Power supply	V/Hz	230/1ph/50
Sound level	dB(A)	51
Tank capacity	l	6.8
Condensate drain	mm	15 x 2
Refrigerant	type	R454C
Power cord	m	4.5 with plug
Protection class		IPX4
Product size (h x w x d)	mm	690 x 390 x 470
Weight	kg	32

## DHP 55



**DHP 55**

PATENT



- Water pump on board
- Digital humidity sensor
- Digital control panel with hour counter
- Heavy-duty, rotomoulded casing
- Stackable
- Easy to open and easy to clean
- 3 metres drainage water hose on board, easily fitted with Velcro strap
- 3 metres power cord
- Large rubber wheels for easy and safe move
- Optional 5 litres water tank



**Stackable**



**Easy to open for cleaning**

### Optional accessories



**Water tank 5l 4250.320**

Specifications	Units	DHP 55
Capacity (30°C/80% RH)	l/24h	45.9
Air flow	m <sup>3</sup> /h	340
Operating temperature range	°C	5-35
Operating humidity range	% RH	20-90
Power consumption	W	790
Power supply	V/Hz	220-240/1ph/50
Refrigerant	type	R290
Sound level	dB(A)	52
Pressure head of the pump	m	3
Product size (l x w x h)	mm	600 x 450 x 880
Box size (l x w x h)	mm	700 x 560 x 860
Net/gross weight	kg	47/52
Pallet	pcs	4
Dual voltage		Available

## DHP 65



DHP 65

- Can be cleaned with water jet
- Possibility of having on-board water pump and on-board water tank at the same time
- On-board humidistat
- Heavy-duty, rotomoulded casing
- High efficiency
- Hour counter
- Digital control panel
- Large water tank with automatic shut-off when full
- Possibility of continuous operation (24 h/day)
- For rooms of approx. 840 m<sup>3</sup>



Stackable



Easy to open for cleaning

### Optional accessories



**Water pump**  
Forcing height 4m  
**4512.441**

Specifications	Units	DHP 65
Capacity (30°C/80% RH)	l/24h	56
Capacity (20°C/60% RH)	l/24h	22
Refrigerant	type	R1234YF
Air flow	m <sup>3</sup> /h	500
Operating temperature range	°C	3-32/3-45
Operating humidity range	% RH	40-98/40-70
Power consumption	W	860
Power supply	V/Hz	220-240/1ph/50
Sound level	dB(A)	53
Compressor	type	Rotary
Tank capacity	l	10.5
Product size (l x w x h)	mm	570 x 530 x 700
Box size (l x w x h)	mm	730 x 580 x 840
Net/gross weight	kg	45/50
Pallet	pcs	4
Dual voltage		Available



# AERIAL PORTA-DRY 400



## PORTA-DRY 400

The PORTA-DRY 400 condensation dehumidifier has been specifically designed for water damage restoration, building drying and permanent drying of large rooms.

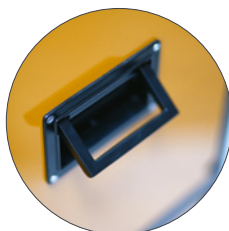
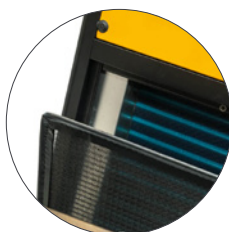
While the very sturdy and compact unit weighs out at just 45kg, it has been fitted with leading heat pump technology with energy recovery. Not only does this optimise energy efficiency, it also enables the unit to handle heated rooms of up to 680m<sup>3</sup> and unheated rooms of up to 450m<sup>3</sup>.

For environmental considerations, PORTA-DRY 400 uses a non-ozone depleting, low-GWP (146) refrigerant gas called R454C therefore fully complying with all EU legislation.



- Sturdy build
- Hour counter
- Service-friendly design
- Easy to use and maintain
- Easy to clean using water and high-pressure air
- Environment-friendly refrigerant
- Powder-coated steel housing
- Hot gas defrosting system
- High-performance heat pump technology with energy recovery
- Integrated handle for easy handling
- Rubber wheels make moving and transportation easy
- Stackable design for easy transportation and storage
- 3/4" direct hose connector

Specifications	Units	PORTA-DRY 400
Capacity (30°C/80% RH)/Power consumption	l/24h/W	71/1,250
Capacity (20°C/60% RH)/Power consumption	l/24h/W	30/950
Capacity (10°C/70% RH)/Power consumption	l/24h/W	19.5/780
Air flow	m <sup>3</sup> /h	700
Operating temperature range	°C	5-32
Operating humidity range	% RH	30-95
Max. power consumption	W	1,600
Power supply	V/Hz	230/1ph/50
Sound level	dB(A)	67
Condensate drain	mm	19
Protection class		IP22
Power cord	m	2.5
Refrigerant	type	R454C
Product size (h x w x d)	mm	1030/820 x 520 x 450
Weight	kg	45

**DH 7160****Wheel foot brakes****Folding handles****Air filter**

- Large air flow for fast and effective dehumidification
- Robust metal frame and housing
- Folding handles and wheels
- Wheel foot brakes
- Powerful and quiet centrifugal fan
- Continuous removal of condensed water (no tank)
- Big air filter easy to access
- Three phase compressor secured by phase protection
- Automatic defrosting

**Electronic control panel:**

- Can be set for continuous operation or controlled by built-in electronic humidistat
- Memory settings possible

**Optional accessories****Extension cord**DH 7160 - 16A, 5m - **4515.331**DH 7160 - 16A, 10m - **4515.332**

Specifications	Units	DH 7160
Capacity (30°C/80% RH)	l/24h	166
Capacity (20°C/60% RH)	l/24h	57.6
For rooms of approx.	m <sup>3</sup>	2,490
For restoration after flood	m <sup>3</sup>	996
Air flow	m <sup>3</sup> /h	1,700
Operating temperature range	°C	5-32
Operating humidity range	% RH	30-90
Refrigerant	type	R407C
Power consumption	W	2820
Power supply	V/Hz	380-400/3ph/50
Sound level	dB(A)	70
Compressor	type	Rotary
Product size (l x w x h)	mm	582 x 410 x 1624
Box size (l x w x h)	mm	640 x 465 x 1700
Net/gross weight	kg	102/110
Pallet	pcs	1

# HEYLO KT 20-45



KT 20



KT 45



- Integrated condensate feed pump for unattended operation
- Compact, stable plastic housing
- Fan motor with high pressure
- Practical cable rewind
- Portable, mobile and stackable
- Transportable in any position due to rolling piston compressor and then ready for immediate use
- Connection of an external hygostat possible
- Connection of an exhaust air hose possible for the specific guidance of the dried air
- Hose connection for component drying

## Optional accessories



**Air hose**  
Ø102cm, 5m  
**1250108**



**Hose adaptor**  
3-fold (3x50mm)  
KT 20, KT 45 - **1306553**



**Air duct connection adaptor, KT 20, KT 45 - 1306539**



**Hygostat**  
KT 20, KT 45  
with cable 3m  
**1110552**

Specifications	Units	KT 20	KT 45
Capacity (30°C/80% RH)	l/24h	21	45
Air flow	m³/h	375	375
Operating temperature range	°C	5-35	5-35
Operating humidity range	% RH	30-90	30-90
Power consumption	W	380	930
Power supply	V/Hz	230/1ph/50	230/1ph/50
Refrigerant	type	R290	R290
Sound level	dB(A)	60	60
Compressor	type	Rotary	Rotary
Product size (l x w x h)	mm	360 x 330 x 490	500 x 465 x 930
Box size (l x w x h)	mm	410 x 430 x 570	520 x 520 x 700
Net/gross weight	kg	20/22	40/43
Pallet	pcs	18	4

# Condensation dehumidifiers

## HEYLO DT 760-860-960



**DT 760**



**DT 860  
DT 960**



- Integrated hygrostat
- Electronic defrost
- Easy to transport thanks to handles on the sides, handy bars and large wheels
- Front of the metal housing can be removed in one piece so it is easy to clean and maintain
- Condensate pump optional
- Compact, robust steel housing

### Optional accessories



**Condensate pump  
1 110 555**

Specifications	Units	DT 760	DT 860	DT 960
Capacity (30°C/80% RH)	l/24h	22	34	46
Air flow	m³/h	350	500	650
Operating temperature range	°C	3-35	5-35	5-35
Operating humidity range	% RH	35-95	35-95	35-95
Power consumption	W	490	690	920
Power supply	V/Hz	230/1ph/50	230/1ph/50	230/1ph/50
Refrigerant	type	R290	R290	R1234yf
Sound level	dB(A)	43	45	51
Protection class		IP44	IP44	IP44
Compressor	type	Rotary	Rotary	Rotary
Product size (l x w x h)	mm	390 x 410 x 940	520 x 500 x 955	520 x 460 x 900
Box size (l x w x h)	mm	400 x 400 x 750	540 x 540 x 790	600 x 580 x 830
Net/gross weight	kg	26/28	36/40	49/53
Pallet	pcs	12	4	4

# Condensation dehumidifiers

## TTK 125-175-355 S-655 S



**TTK 175 S-355 S-655 S**



**TTK 125 S**



**Control panel – protected by protective bars**

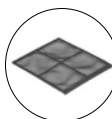


- High dehumidification performance even at low temperatures
- All electrical components are protected against dust and dampness
- Simple and easy to maintain
- Optimal handling
- Portable and stackable for space-saving storage
- Automatic defrosting
- Automatic switch-off when tank is full
- Analogue hygrostat. TTK 655 S EH with integrated electronic hygrostat
- Hose connector
- Suitable for spaces of approx. 300-750m<sup>3</sup>
- Automatic switch-off at 35°C

### Optional accessories



**Condensate pump**  
with automatic switch-off function-  
**6.100.003.030**



**Air filter**  
TTK 125 S - **7.160.000.006**  
TTK 175 S - **7.160.000.007**  
TTK 355 S - **7.160.000.008**  
TTK 655 S - **7.160.000.009**



**Protection cover**  
TTK 125 S - **6.100.003.101**  
TTK 175 S - **6.100.003.105**  
TTK 355 S - **6.100.003.110**  
TTK 655 S - **6.100.003.115**



**Dual counter**  
for TTK 355 S,  
TTK 175 S -  
**7.140.000.903**

Specifications	Units	TTK 125 S	TTK 175 S	TTK 355 S	TTK 655 S
Capacity (30°C/80% RH)	l/24h	28	40	55	91
Air flow	m <sup>3</sup> /h	250	580	490	925
Operating temperature range	°C	5-32	5-32	5-32	5-32
Operating humidity range	% RH	50-90	50-90	50-90	50-90
Power consumption	W	500	600	1,400	1,900
Power supply	V/Hz	220-240/50	220-240/50	220-240/50	220-240/50
Sound level (1m distance)	dB(A)	52	52	54	56
Compressor	type	Rotary	Rotary	Rotary	Rotary
Refrigerant	type/gr	R290/150	R290/150	R454C/650	R454C/1050
Tank capacity	l	6	6	6	
Product size (l x w x h)	mm	375 x 345 x 603	390 x 380 x 643	390 x 380 x 725	620 x 515 x 858
Weight	kg	26	35	39	55



**DH 752****DH 792****Optional accessories**
**Water pump**  
 Max. forcing height - 4m  
**4512.442**


- Automatic fast defrosting using hot gases
- High efficiency
- Durable casing
- Simple operation
- Built-in hygostat
- Continuous operation possible (24 h/day)
- Water tank with automatic shut-off when full
- Possibility to connect a hose to remove condensed water
- Hour counter
- Air filter
- Suitable for spaces of approx. 701m<sup>3</sup> DH 752, 1,500m<sup>3</sup> DH 792

Specifications	Units	DH 752	DH 792
Capacity (30°C/80% RH)	l/24h	48	100
Capacity (20°C/60% RH)	l/24h	21	44.6
Refrigerant	type	R290	R454C
Air flow	m <sup>3</sup> /h	350	1,000
Operating temperature range	°C	5-35	5-32
Operating humidity range	% RH	20-90	35-90
Power consumption	W	700/485	1,840
Power supply	V/Hz	220-240/1ph/50	220-240/1ph/50
Sound level	dB(A)	52	69
Compressor	type	Rotary	Rotary
Tank capacity	l	5.7	15
Product size (l x w x h)	mm	580 x 422 x 820	620 x 540 x 1095
Box size (l x w x h)	mm	610 x 405 x 660	730 x 526 x 1150
Net/gross weight	kg	30/36	64/70
Pallet	pcs	12	2

## Condensation dehumidifiers

# AERIAL AD 750-780

**Dantherm**  
CLIMATE SOLUTIONS



**AD 780-p**



**AD 750**

These high-quality processed units are used for drying structures and water damage as well as in industrial, trade, protection of investment and water-management applications. They may be used for multiple dehumidification functions. The robust, rotation-moulded plastic housing is absolutely shock- and breakage-proof and can boast a high-quality appearance and unique design.



- Case made of shock and impact-resistant plastic
- Optimum mobility by two plastic wheels (D = 200mm) and different handle options
- Hermetically sealed rotary compressor
- Energy efficient axial fan
- Maintenance-friendly refrigerant circuit with service connector
- Condenser and evaporator made of copper tubes with aluminium fins
- On-demand hot gas defrost system
- Version AD 750-P available with included condensate pump
- Automatic restart after power failure
- Included hygostat for variable humidity control
- Operation hour and energy counter (MID approved)

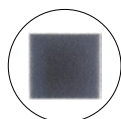


- Condensation principle (heat-pump technology with energy recovery)
- AD 750/AD 750-P: Suitable for heated rooms up to 650m<sup>3</sup> and unheated rooms up to 500m<sup>3</sup>
- AD 780-P: Suitable for heated rooms up to 900m<sup>3</sup> and unheated rooms up to 700m<sup>3</sup>

### Optional accessories



**Drain hose**  
AD 750-P/AD 780-P, 12 x 2mm - **2002052**  
AD 750 15 x 2mm - **2002053**

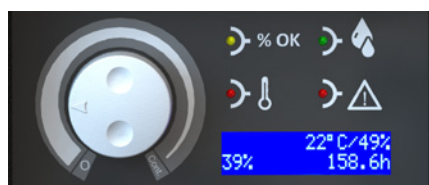


**Spare filter**  
AD 750/AD 750-P - **2001192**  
AD 780-P - **2001193**

Condensation dehumidifiers

## AERIAL AD 750-780

**Dantherm**<sup>®</sup>  
CLIMATE SOLUTIONS



Specifications	Units	AD 750	AD 750-P	AD 780-P
Capacity (30°C/80% RH)/Power consumption	l/24h/W	50/850	50/850	76/1130
Capacity (20°C/60% RH)/Power consumption	l/24h/W	23/610	23/610	35/865
Capacity (15°C/70% RH)/Power consumption	l/24h/W	17/537	17/537	27.5/715
Air flow	m³/h	710	710	760
Operating temperature range	°C	5-32	5-32	5-32
Operating humidity range	% RH	35-95	35-95	35-95
Max. power consumption	W	900	900	1250
Power supply	V/Hz	230/1ph/50	230/1ph/50	230/1ph/50
Sound level	dB(A)	53	53	60
Tank capacity	l	12	Built-in condensate pump	Built-in condensate pump
Condensate drain	mm	15 x 2	12 x 2	12 x 2
Refrigerant	type	R454C	R454C	R454C
Power cord	m	4.5 with plug	4.5 with plug	4.5 with plug
Protection class		IPX4	IPX4	IPX4
Product size (h x w x d)	mm	880 x 520 x 495	880 x 520 x 495	1000 x 640 x 580
Weight	kg	42	42	57

# Condensation dehumidifiers

## TTK 500, TTK 900 MP



**TTK 500**



Housing can be removed quickly for service, maintenance or cleaning



**TTK 900 MP**



**VarioDry technology**  
**TTK 900 MP**



- High dehumidification capacity - even at temperatures below 15°C
- Automatic hot gas defrost system
- Removable cabinet for inspections, fast cleaning and maintenance
- Stackable for space-saving storage
- Sturdy wheels for easy on-site handling
- Easily exchangeable and washable air filter
- Connection for external hygrostat
- Adjustable push handle
- Operating hours counter as standard
- Optional MID-compliant dual hour and energy counter for TTK 500
- Available in stainless steel (TTK 500)
- Suitable for rooms of approx. 940-1600m<sup>3</sup>

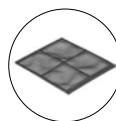
### Optional accessories



**Condensate pump**  
5m discharge hose  
**6.100.003.030**



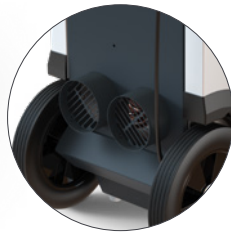
**HG 110 hygrostat**  
3m cable, 6.35mm (1/4") jack  
plug **6.100.002.044**



**Air filter**  
TTK 500-**7.160.000.008**  
TTK 900 MP S-**7.160.000.013**

Specifications	Units	TTK 500	TTK 900 MP
Capacity (30°C/80% RH)	l/24h	64	96
Air flow	m <sup>3</sup> /h	400	850
Operating temperature range	°C	5-35	3-40
Operating humidity range	% RH	35-90	20-90
Power consumption	W	1.600	2.098
Power supply	V/Hz	220-240/50	220-240/50
Sound level (3m distance)	dB(A)	58	59
Compressor	type	Rotary	Rotary
Refrigerant	type	R454C	R454C
Product size (l x w x h)	mm	438 x 470 x 870	500 x 565 x 960
Weight	kg	52	69





**AD 935 S with 1kW  
electric heating element  
and 2x Ø100mm duct  
connections**

- CC6 control unit compatible with the Simplify remote monitoring solution
- OEM versions available on request (minimum quantity order 50)
- Use of standardised components from Dantherm Group's product portfolio secures quick access to spare parts
- Integrated interface for accessories (dew point kit and external hygrostat)
- Automatic pump kit detection
- Several drainage options: AD 935, AD 935 S and AD 955 standard with Ø15mm hose connection, water tank and optional pump kit
- AD 975 and AD 995 fitted with water pump as standard
- MID-approved kWh metre and non-resettable hour counter as standard
- 2-speed fan
- Integrated Night Mode provides quieter running in occupied spaces
- A2L refrigerant, non-toxic and non-inflammable, with extremely low GWP (Global Warming Potential)
- Large wheels
- Telescopic handle
- Stackable (AD 935, AD 935 S, AD 955)
- AD 935 S additionally equipped with a 1kW electric heating element and 2x Ø100mm duct connections
- Maintenance- and service-friendly

The AD 9 series is a game-changer in condensation dehumidification technology that combines cutting-edge performance features with customisable and eco-friendly solutions. With a focus on user convenience, the range of condensation dehumidifiers boasts a standardised and proven design combined with a user-friendly CC 6 control panel that allows for wireless connectivity with Dantherm Group's remote monitoring system Simplify. Engineered for longevity, the AD 9 series simplifies maintenance and ensures hassle-free operation in various professional drying applications.



**AD 935 S**



**AD 935**



**AD 955**



**AD 975**



**AD 995**



**Dantherm AD 9 condensation dehumidifier series:  
Longevity, efficiency, and effortless maintenance**

The AD 9 condensation dehumidifiers are designed with longevity and high efficiency in mind. Easy access to major components, achieved by removing the front/top cover, cleaning and maintenance easy. Additionally, all components are easy to replace if damaged, ensuring hassle-free operation.



**CC 6 control panel**

All AD 9 units come standard with a CC 6 control panel prepared for wireless connection to Dantherm Group's remote monitoring solution Simplify.

**Features:**

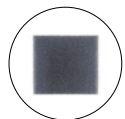
- Plug and play dew point sensor
- Plug and play external on/off connection (with external hygrostat)
- Software update via SD card
- Fully graphical display, no translation required
- Simple 3-button operation
- Colour-coded status indication of room conditions - red, amber, green



**Benefits of remote monitoring with Simplify Climate Solutions**

- Switch between continuous operation/automatic (setting of target humidity)
- Read out the current values (humidity, temperature, dew point, evaporator temperature, kWh)
- Over the air software update
- Operating status of the device incl. error codes
- On/off switching of the device
- On/off of additional heating element (AD 935 S only)
- Night mode (on/off)

## Optional accessories



**Spare filter**  
AD 935/AD 935 S -  
**2004639**  
AD 955 - **2004640**  
AD 975/ AD 995-  
**2004641**



**Drain hose 15 x 2mm**  
AD 935/AD 935 S/  
AD 955 - **2002053**



**Pump kit**  
AD 935/ AD 935 S -  
**2002341**  
AD 955 - **2002342**



**Drain hose (pump kit)**  
9mm, AD 975/ AD 995 -  
**2004821**



**Thermaxflex hose**  
100mm  
AD 935 S - **2002244**



**External hygrostat**  
**1110552**



**Dew point sensor**  
**32675**

Specifications	Units	AD 935	AD 935 S	AD 955	AD 975	AD 995
Capacity (30°C/80% RH)/Power consumption	l/24h/W	34/610	28/785	53/830	76/1070	95/1830
Capacity (20°C/60% RH)/Power consumption	l/24h/W	16.5/450	13/560	22.5/560	34.5/785	46.5/1282
Air flow (Stage 1/ Stage 2/ Night mode)	m³/h	300/420/300	450	290/550/290	750/900/750	750/900/750
Operating temperature range	°C	5-30	5-30	5-30	5-30	5-30
Operating humidity range	% RH	30-90	30-90	30-90	30-90	30-90
Max. power consumption	W	610	785	830	1070	1900
Power supply	V/Hz	230/50	230/50	230/50	230/50	230/50
Sound level	dB(A)	51	53	53	64	64
Condensate tank	l	8	8	13	with pump	with pump
Condensate drain	mm	15	15	15	9	9
Pump height	m				4	4
Power cord	m	5	5	5	5	5
Refrigerant		A2L	A2L	A2L	A2L	A2L
Product size (h x w x d)	mm	860 x 391 x 508	860 x 391 x 505	845 x 452 x 538	906 x 502 x 547	906 x 502 x 547
Weight	kg	35.4	39.4	41.8	48.3	58.2



DH 26  
DH 44  
DH 62  
DH 92



- Long-lasting steel casing
- High efficiency
- Hour counter
- Large water tank with automatic shut-off when full
- Possibility to connect a hose to remove condensed water
- Tank full indicator
- Air filter
- Automatic fast defrosting by hot gases
- Restarts automatically after a power failure
- Large wheels and handle
- Built-in hygrostat
- For rooms of approx. 405-1200m<sup>3</sup>

#### Optional accessories



**Water pump**  
Forcing height 4m  
**4512.441**

Specifications	Units	DH 26	DH 44	DH 62	DH 92
Capacity (30°C/80% RH)	l/24h	27	41	52	80
Air flow	m <sup>3</sup> /h	350	480	480	1,000
Operating temperature range	°C	1-32	1-32	1-32	1-32/1-45
Operating humidity range	% RH	30-98	30-98	30-98	30-98/30-70
Refrigerant	type	R1234YF	R1234YF	R1234YF	R1234YF
Power consumption	W	520	610	890	1.200
Power supply	V/Hz	220-240/1ph/50	220-240/1ph/50	220-240/1ph/50	220-240/1ph/50
Sound level	dB(A)	46	53	53	50
Compressor	type	Rotary	Rotary	Rotary	Rotary
Tank capacity	l	8	12	12	12
Product size (l x w x h)	mm	450 x 470 x 890	600 x 580 x 850	600 x 580 x 850	580 x 600 x 1035
Box size (l x w x h)	mm	430 x 400 x 730	590 x 580 x 830	590 x 580 x 850	590 x 580 x 1020
Net/gross weight	kg	30/33	43/47	47/51	66/70
Pallet	pcs	12	4	4	2
Dual voltage		No	Available	Available	No

**ASE 400-300-200**

Ideally suited for dehumidification of large spaces with low temperatures, the portable ASE dehumidifiers are extremely compact, sturdy and light-weight adsorption dryers. Due to its high-performance at low temperatures, the easily installed ASE's will deliver fast results in drying out all kinds of construction and emergency situations, thereby minimising the risk of long-term damage caused by for instance flooding. Application examples include cellars, garages, warehouses, storage rooms, archives, production facilities, waterworks and more.

**Operation elements**

- On/Off-switch
- Built-in hygrostat for variable humidity control
- Operation hour and energy counter (MID approved)
- ASE 400: External hygrostat
- ASE 400: Non-resettable hour counter optional MID approved kWh metre



- Low temperature operation -10 to +35°C
- Low humidity operation down to 10% relative humidity
- Sturdy units made of stainless steel and powder coated sheet steel, supported by four rubber non-marking feet
- Ergonomically-friendly design with handles
- High-performance ECODRY G3-rotor for maximum water absorption
- The rotor unit is easy to remove for cleaning and maintenance
- Dynamic, safe and self-regulating PTC heating element
- Energy-efficient radial fan
- Air filter on the process air inlet
- Noise reduced via integrated silencer

**Optional accessories**

**Regeneration air outlet  
Thermaflex hose**  
80mm, ASE 200, ASE 300,  
ASE 400 - **2002248**



**Spare filter**  
ASE 200-**2001191**  
ASE 300-**2001196**  
ASE 400-**2001239**



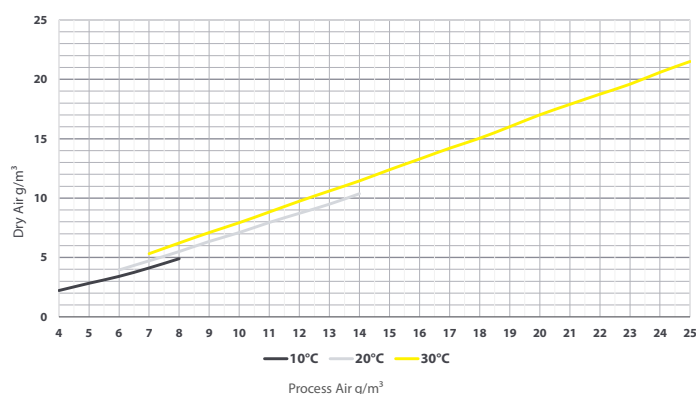
**Dry air outlet  
Superflextract hose**  
50mm, ASE 200, ASE 300  
**2002247**



**External hygrostat**  
ASE 400, **2002309**

**Dry air outlet  
Thermaflex hose**  
100mm, ASE 300  
**2002244**

**Thermaflex hose**  
125mm, ASE 400  
**2003954**

**Performance data: ASE 400**

Specifications	Units	ASE 200	ASE 300	ASE 400
Capacity (20°C/60% RH)	kg/24h	18.75	25.7	36
Air volume – dry air/regeneration air	m³/h	210/110	300/110	480/185
Ext. pressure – dry air/regeneration air	Pa	150/50	150/50	150/100
Operating temperature range	°C	-10 - +35	-10 - +35	-10 - +35
Operating humidity range	% RH	10-95	10-95	10-95
Nominal power consumption	W	694	1040	2200
Power supply	V/Hz	230/1ph/50	230/1ph/50	230/1ph/50
Sound level	dB(A)	48	57	60
<b>Duct sizes:</b>				
Air inlet	Ømm	125	125	-
Dry air outlet	Ømm	1 x 80 or 2 x 50	1 x 100 or 2 x 50	1 x 125
Regeneration air outlet	Ømm	80	80	80
Power cord	m	4.5 with plug	4.5 with plug	4.5 with plug
Protection class		IP23	IP23	IP23
Product size (h x w x d)	mm	285 x 290 x 395	370 x 335 x 430	410/395/560
Weight	kg	14	18	25





**TTR 200**  
**TTR 300**  
**TTR 400**  
**TTR 400 D**  
**TTR 500 D**

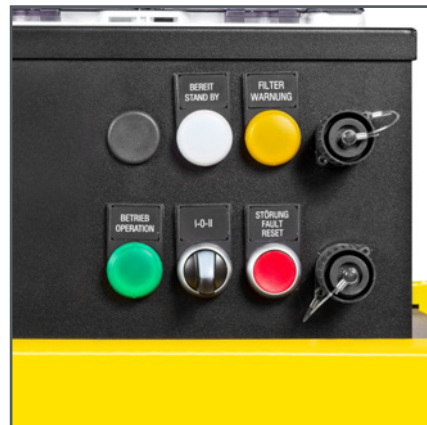
Due to high-quality components and an innovative housing design our TTR dehumidifiers are the lightest devices of their performance class.

The combination of smart equipment features and remarkable performance data turns these devices into universal all-purpose desiccant dehumidifiers for industry and construction.

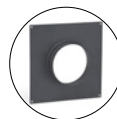


- Advanced air volume regulation system (monoventic or duoventic) for accurate stepless adjustment of dry air volume
- Up to 30% lighter than comparable units
- Maximised performance, minimal size and weight
- Very easy to maintain
- Extremely durable powder-coated steel sheet construction
- Lightweight and easy to handle
- Stackable design saves space
- Electronic regulation of air amount - infinitely adjustable
- Duoventic principle: Separate, infinite adjustment of moisture content and volumetric flow of the required dry air (TTR-D models)
- Two separate air circuits for a pressure-neutral circulatory air operation (TTR-D models)

Specifications	Units	TTR 200	TTR 300	TTR 400	TTR 400 D	TTR 500 D
Capacity (20°C/60% RH)	kg/h	0.35	0.7	1.2	1.6	2.2
Dry air range	m³/h	40 - 120	80 - 280	130 - 450	130 - 450	180 - 550
Dry air volume nominal	m³/h	80	200	350	350	480
Available pressure	Pa	50	100	150	200	150
Regeneration air flow	m³/h	15	30	50	65	80
Available pressure	PA	30	50	80	80	80
Operating temperature range	°C	-15 - +35	-15 - +35	-15 - +35	-15 - +35	-15 - +35
Operating humidity range	% RH	0 - 100	0 - 100	0 - 100	0 - 100	0 - 100
Power supply	V/Hz	230/1ph/50-60	230/1ph/50-60	230/1ph/50-60	230/1ph/50-60	230/1ph/50-60
Power input total	kW	0.45	0.9	1.5	2.2	3.0
Power input heating	kW	0.4	0.85	1.35	1.95	2.7
Sound level @1m	dB(A)	60	61	63	63	74
Connections dry air outlet	Ømm	80	100	125	125	125
Connections humid air outlet	Ømm	38/50	50	80	80	80
Product size (l x w x h)	mm	305 x 260 x 285	355 x 310 x 355	400 x 350 x 405	443 x 350 x 405	443 x 400 x 452
Weight	kg	9	12	17	20	25



## Optional accessories



**Hose adaptor process air inlet**  
TTR 200 - **6.100.010.001**  
TTR 300 - **6.100.010.005**  
TTR 400/TTR 400 D/TTR 500 D/TAC 750 E  
**6.100.010.010**



**Hose adaptor**  
Regeneration air inlet  
TTR 500 D  
**6.100.010.105**



**Filterbox regeneration air inlet -**  
TTR 400 D  
**6.100.010.301**  
TTR 500 D  
**6.100.010.305**



**Filterbox process air inlet**  
TTR 200 - **6.100.010.201**  
TTR 300 - **6.100.010.205**  
TTR 400/TTR 400 D/TTR 500 D **6.100.010.210**



**Dry air outlet**  
6m  
TTR 200 - **6.100.001.110**  
TTR 300 - **6.100.001.115**  
TTR 400, TTR 400 D, TTR 500 D - **6.100.001.120**



**Process air inlet/6 m**  
TTR 200 - **6.100.001.110**  
TTR 300 - **6.100.001.115**  
TTR 400, TTR 400 D, TTR 500 D - **6.100.001.120**



**Regeneration air inlet**  
TTR 400 D, TTR 500 D -  
**6.100.001.110**



**Humid air outlet**  
TTR 200, TTR 300/15m -  
**6.100.001.020**  
TTR 400, TTR 400 D, TTR 500 D/6m -  
**6.100.001.110**



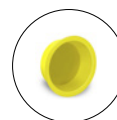
**PV-A 51 hose**  
TTR 300-400-400 D-500 D, Ø50mm, 15m)  
**6.100.001.020**



**PV-A 38 hose**  
TTR 300-400-400 D-500 D, Ø38mm, 15m  
**6.100.001.010**



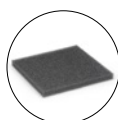
**Reducer fitting**  
**7.200.000.002**



**Sealing caps**  
38mm - **7.310.000.021**  
50mm - **7.310.000.101**



**Quad distributor**  
TTR 300 - TTR 500 D  
**6.100.010.340**



**Process air filter mat**  
TTR 200 - **7.160.000.680**  
TTR 300 - **7.160.000.681**  
TTR 400/TTR 400 D/TTR 500 D - **7.160.000.682**



**Z-Line filter G4 process air**  
TTR 200 - **7.160.000.602**  
TTR 300 - **7.160.000.603**  
TTR 400, TTR 400 D, TTR 500 D - **7.160.000.604**



**Z-line filter F7 process air**  
TTR 200 - **7.160.000.630**  
TTR 300 - **7.160.000.631**  
TTR 400, TTR 400 D, TTR 500 D - **7.160.000.632**

**Dry air heating**  
TTR 400, TTR 400 D, TTR 500 D - **6.100.010.345**

**Regeneration air filter mat**  
TTR 400 D -  
**7.160.000.683**

**Z-Line filter G4 regeneration air**  
TTR 400 D -  
**7.160.000.605**  
TTR 500 D -  
**7.160.000.606**

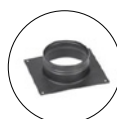
**Z-Line filter F7 regeneration air**  
TTR 400 D -  
**7.160.000.633**  
TTR 500 D -  
**7.160.000.634**



**HG 125**  
**6.100.002.042**



**Adaptor transformer for HG 125**  
**6.100.002.043**



**Hose adaptor regeneration air inlet**  
TTR 400 D -  
**6.100.010.101**  
TTR 500 D -  
**6.100.010.105**



**HG 120 hygostat**  
**6.100.002.040**

**TTR 160-250**

**TTR 160**  
**TTR 250**

These machines are suitable for operational environments where special hygienic standards apply or for extremely material-straining atmospheres: chemical, pharmaceutical, food and candy manufacturing industry.

They also can be used to prevent condensation and corrosion during painting and sandblasting works in ships' holds or tank facilities.

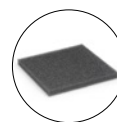


- Corrosion-resistant stainless steel housing
- Washable silica gel adsorption rotor
- Integrated heat recovery
- Self-regulating PTC heating with no risk of overheating
- Integrated ampere metre and operating hours counter
- Optional MID-compliant kWh counter
- Stackable design saves space

#### Optional accessories



**Air hose**  
TF-L 83mm/6m  
**6.100.001.110**  
TF-L 100mm/6m  
**6.100.001.115**



**Filter Mat** (Pack of 5)  
TTR 250 - **7.710.000.061**  
TTR 160 - **7.710.000.060**

Specifications	Units	TTR 160	TTR 250
Capacity (20°C/60% RH)	kg/h	0.5	1.1
Dry air range	m³/h	60-160	130-300
Dry air nominal	m³/h	155	250
Available pressure	Pa	50	100
Regeneration air	m³/h	35	50
Available pressure	PA	25	100
Operating temperature range	°C	-20 - +35	-20 - +35
Operating humidity range	% RH	0-100	0-100
Power supply	V/Hz	230/1ph/50-60	230/1ph/50-60
Power input total	kW	0.65	1.3
Power input heating	kW	0.6	1.2
Sound level @1m	dB(A)	56	57
Product size (l x w x h)	mm	375 x 300 x 385	410 x 350 x 435
Weight	kg	14	19
Connections dry air outlet	Ømm	100	100
Connections humid air outlet	Ømm	63	80



AERCUBE<sup>®</sup> products and all of our dehumidifiers in rotomoulded housing are available with your logo and in your colour.

Minimum order quantity: 15 pieces.

We have put all of our know-how into the AERCUBE drying system which stands out for its energy-efficiency, flexibility and sustainability. Thoroughly tested in our in-house climate chambers, AERCUBE has been designed specifically in response to the complex and increasing demands of the water damage restoration and building industry.

Energy-efficient and flexible drying system for targeted building drying and water damage restoration projects.

The guiding stars during the development of the AERCUBE were simplicity and reliability. The intuitive and self-explanatory eDRY<sup>®</sup> electronic system provides drying technicians with the information they need to quickly and easily take the installation into use. Unsurpassed operational reliability has been achieved by separating the electronic and mechanical systems of the units.

AERCUBE is a modular and very flexible drying system that can be tailored to fit any application. Right from effective screed insulation drying using the pressure or vacuum method, to targeted drying of individual components/ materials, cavity drying in walls or ceilings through to applying the push-pull method for larger and more demanding drying tasks such as flat roof drying.

Equipped with calibrated energy metres as standard, the solution also offers full transparency in terms of power consumption and running hours. Unit dimensions have been optimised for compact and practical storage and transportation on standard pallets. The optional lashing system makes transportation safe.

#### **Separated and shock resistant**

Fully separated electronic and mechanical systems and sturdy housing maximise operational reliability.

#### **Ergonomic handling**

Many different handling options make lifting and carrying by one person easy.

#### **No sharp edges**

Rounded unit edges protect people and the environment the equipment is placed in.

#### **Stackable and stable**

All units have been designed for stacking, storage and pallet transportation without any tipping risk.

#### **Great for the environment**

All housing components are fully recyclable.

#### **Flexible**

Modular system offering flexible combinations for any application

#### **Easy to lift, easy and safe to clean**

Built for lifting and handling by a single person and therefore without wheels, the units reduce the risk of damaging sensitive floor coverings. Safety locks offer quick and easy access to the inside of the units without compromising on safety. In addition, the hygienic design allows you to clean and sanitise the units keeping them free from mould, dirt and debris inside and outside.





## VP 3

The VP 3 side-channel blower offers reliability and energy-saving operation. The unit is air-cooled and operated in robust AERCUBE® housing. It's various gripping and carrying options make it easy to handle. A lashing system provides additional stability during transport and storage.

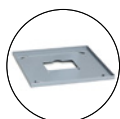


- Easy to open, clean and maintain
- Encapsulated control panel
- Ergonomically friendly manual handling features
- Can be combined with all products from the AERCUBE® series
- Fix points for AERCUBE® lashing system
- The system is designed to deliver optimum performance using 50mm hoses with alternative 38mm hose fittings optional
- Integrated cable reel with magnetic plug holder
- Auxiliary plug connection for powering other devices such as dryers and fans
- Filtered cooling air ensures reliable performance and protects the motor
- Extremely robust, shock-resistant and UV-resistant plastic housing
- 5 year warranty on rotomoulded housing



- Connection-ready side channel blower, anti-vibration and sound dammed built in AERCUBE®-System
- Positive and suction pressure solution for insulation and cavity drying
- Coarse filter at suction side
- Very quiet due to highly efficient sound reduction system
- Cavity drying up to 40-50m²

## Optional accessories



**Adaptor plate**  
2000555



**Lashing strap**  
2002291



**Air cooling filter**  
2001223



**Superflexextract hose**  
50mm - 2002247

**VP 3****Control/operation**

- Easy-to-use electronics with full-text display to show the device status
- Bar graph and multi-colour LED for reading the counter pressure
- Display operating hours
- On/Off-switch
- Appliance socket with fuse (max. 8A)
- 2-fold temperature control
- Safety shut down in case of overload
- MID-compliant energy metre

Specifications	Units	VP 3
Blower type		Side channel blower
Air flow	m <sup>3</sup> /h	150 (free blowing)
Max. pressure differential		
Vacuum	mbar	170
Pressure	mbar	190
Motor power	W	1100
Operating temperature range	°C	0-38
Sound level	dB(A)	50
Power supply	V/Hz	230/1ph/50
Protection class		IP44
Product size (h x w x d)	mm	507 x 390 x 455
Weight	kg	26.5

**VP 6**

The noise box VP 6 is light, versatile and powerful. The use of a brushless, variable turbine reduces the weight of the VP 6 by up to 50% compared with conventional noise boxes with lateral channel blowers. The multi-stage control of this unit provides precise power adjustment. The VP 6 reduces the amount of equipment needed as it replaces up to four different individual units.



- Easy to open, clean and maintain
- Encapsulated control panel
- Ergonomically friendly manual handling features
- Can be combined with all products from the AERCUBE® series
- Fix points for AERCUBE® lashing system
- The system is designed to deliver optimum performance using 50mm hoses with alternative 38mm hose fittings optional
- Built-in safety thermostat to protect against restrictions and over-heating
- Integrated cable reel with magnetic plug holder
- Auxiliary plug connection for powering other devices such as dryers and fans
- Integrated F7 filter to protect turbine from dust ingress
- Extremely robust, shock-resistant and UV-resistant plastic housing
- 5 year warranty on rotomoulded housing



- High performance brushless 4-stage turbine
- Integrated silencer to minimise noise
- 4-stage turbine allows for a tailored solution
- Designed for drying insulated constructions, voids, and cavities
- Coarse filter at suction side
- Integrated Night Mode provides quieter running in occupied spaces
- Cavity drying up to 70m<sup>2</sup>
- Light weight (15kg)

**Optional accessories****Adaptor plate**  
2000555**Lashing strap**  
2002291**Air cooling filter**  
(pocket filter F7)  
2001229**Superflexextract hose**  
50mm - 2002247

**VP 6****Control/operation**

- Easy-to-use electronics with full-text display
- Display device status and operation hours
- Bar graph and multi-colour LED to show the counter pressure
- On/Off-switch
- Appliance socket with fuse (max. 8A)
- Keylock
- Safety shut down in case of overload

Specifications	Units	VP 6
Blower type		Brushless high-performance turbine blower
Air flow (free blowing)	Speed/m <sup>2</sup> /m <sup>3</sup> /h	1/15/80 - 2/30/140 - 3/50/190 - 4/70/250
Excess pressure	mbar	270
Low pressure	mbar	220
Motor power	W	1280
Operating temperature range	°C	0-38
Power supply	V/Hz	230/1ph/50
Sound level @ 3m	dB(A)	57
Power cord	m	4.5m with plug, heavy-duty version, (H07-cable) with magnet-holder for plug
Protection class		IP44
Product size (h x w x d)	mm	507 x 390 x 455
Weight	kg	15



## VT 2

The VT 2 water separator is equipped with a high-quality dirty water pump, also used in industrial applications. With this special pump the VT 2 can be operated solely as a 'wet vacuum cleaner'. The enclosed design of the housing allows the unit to operate even when standing in 30cm of water.

Thanks to its hygienically flawless structure, thoroughly cleaning is especially easy. Two safety quick-release catches provide easy access to the inside. A drainage screw in the unit's foot allows the residual water to be emptied fully.



- Easy to open, clean and maintain
- Encapsulated control panel
- Ergonomically friendly manual handling features
- Can be combined with all products from the AERCUBE® series
- Fix points for AERCUBE® lashing system
- Aluminium-connector for hose Ø50mm (one for blower, three for suction, two blanking caps included for closing unused ports)
- ¾" thread connector with back pressure valve for water discharge
- Integrated cable reel with magnetic plug holder
- On-board plug socket provides power for Turbine or Side-Channel Blower
- Extremely robust, shock-resistant and UV-resistant plastic housing
- 5 year warranty on rotomoulded housing



- Connection-ready water separator to efficiently remove liquid, such as water or sanitiser, from the pressurised air flow
- Insulating layer and cavity drying in the suction mode – high-performance pump that can deal with the most challenging of conditions
- Optimal in combination with AERCUBE® devices for water damage restoration and cavity drying in suction mode
- Sealed base protects the unit from re-floods in a property, up to 30cm

## Optional accessories



**Adaptor plate**  
2000555



**Lashing strap**  
2002291



**Superflexextract hose**  
50mm - 2002247



**VT 2****Control/operation**

- Easy-to-use electronics with full-text display to show the device status
- Display: Expressed litre capacity and time last pumping
- On/Off-switch
- Appliance socket with fuse (max. 8A)
- Residual water emptying function
- Display of the total amount of water

Specifications	Units	VT 2
Pump type		Robust sewage pump
Conveyor volume	m <sup>3</sup> /h	7
Max. conveyor height	m	5
Tank volume	l	20
Operating temperature range	°C	3-38
Power consumption	W	260
Power supply	V/Hz	230/1ph/50
Power cord	m	4.5m with plug, heavy-duty version, (H07-cable) with magnet-holder for plug
Protection class		IP44
Product size (h x w x d)	mm	507 x 390 x 490
Weight	kg	18



MID



OEM



SD 2



HF 2

- Easy to open, clean and maintain
- Encapsulated control panel
- Ergonomically friendly manual handling features
- Can be combined with all products from the AERCUBE® series
- Fix points for AERCUBE® lashing system
- Aluminium-connector for hose Ø50mm each at suction and pressure side
- Two blanking caps provided for unused ports
- (Optional for SD 2) Active carbon filter to eliminate odours and VOCs
- Extremely robust, shock-resistant and UV-resistant plastic housing

The SD 2 is both a sound absorber and an odour filter. Integrated into the connection-ready AERCUBE® housing, it minimises the noise level of the noise boxes by up to 19 dB(A). An important benefit particularly in residential buildings.

The unit may optionally be equipped with an active carbon filter to reduce the spread of unpleasant odours (e.g. standing water) – perfect for water damage restoration.

The HEPA filter system HF 2 for efficient air cleaning in ready-to-connect AERCUBE® housing is operated in conjunction with a noise box. The integrated pollution monitoring signals when the filters need to be replaced. The unit can be opened quickly and the filters easily changed thanks to two safety quick-release catches.

## SD 2

- Water damage restoration, building and cavity drying
- Minimises noise disruption for occupants, resulting in less risk of equipment being switched off

## HF 2

- H13 HEPA filtration removes mould, dust, and other contaminants, preventing cross-contamination risks
- G4 Pre-filter and H13 filter prevent any contaminants from entering the turbine
- Optimal in combination with AERCUBE devices for water damage restoration and cavity drying
- On-board indicator shows when the filter is saturated and needs to be replaced

## Optional accessories



**Adaptor plate**  
SD 2/HF 2  
2000555



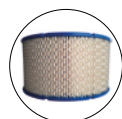
**Lashing strap**  
SD 2/HF 2  
2002291



**Superflexextract hose**  
50mm SD 2/HF 2 -  
2002247



**G4 filter**  
HF 2 - 2001231



**H13 filter**  
HF 2 - 2001230



**Active carbon filter**  
SD 2 - 2002278



SD 2



HF 2



Specifications	Units	HF2	SD 2
Inserted air filter		Each 1 pc. is included with the delivery: – Pre-filter G4 – HEPA-Filter H13 acc. EN1822 (Separation MPPS > 99.95%)	
Max. air flow	m <sup>3</sup> /h	270	220
Control/operation		LED indicator for filter change and button for battery check	
Product size (h x w x d)	mm	260 x 390 x 490	300 x 390 x 490
Weight	kg	6	6



## CC4 MID

The calibrated energy metre CC 4-MID BOX delivers secure evidence of power consumption. It records the energy consumption of up to four units.



- MID compliant energy metre
- Tamper-proof with a standard padlock (4-digit lock)
- User-friendly fast closing clamps
- High stability – even during operation
- Wide choice of grip and carry options
- Heavy-duty power cord with magnet-holder, 4.5m
- Can be stable and reliable combined and stacked with all AERCUBE products
- Extremely robust, shock-resistant and UV-resistant rotationally moulded plastic housing with easy-care surface
- 5 year warranty on all PE housing parts




- Robust construction perfect for construction and water damage applications
- Compatible with any drying solution, the CC4 ensures that insurance companies are not over-charged for electricity consumption
- Power distribution system that records the kWh usage of all connected devices using a calibrated energy counter (MID)

Specifications	Units	CC4 MID
Number of sockets		4 x built-in plug socket with cover
Fusing	A	16
Power supply	V/Hz	230/1ph/50-60
Power cord	m	4.5 with plug
Protection class		IP44
Product size (h x w x d)	mm	293 x 234 x 346
Weight	kg	4.5

**DISCOVER THE INNOVATIVE DRYING TECHNOLOGY FOR REAL EXPERTS!**

The innovative and modular AERCUBE® system offers a perfectly balanced drying solution to efficiently dry insulation layers. The individual components can be selected to suit each individual drying challenge, providing an optimised solution to every problem.

**YOUR BENEFITS**

-  Flexible in application
-  Easy to use
-  Reduced drying time
-  Calibrated energy meter
-  Extremely robust

**ORDER YOUR AERCUBE STARTER SET TODAY AND BENEFIT FROM EXCLUSIVE DISCOUNTS!****STARTER SET 1**  
devices only (50mm)

AD 20

VP 6

VT 2

HF 2

SD 2

3 connecting hoses with 50mm end connectors

-

-

-

-

**STARTER SET 2**  
devices only (38mm)

AD 20

VP 6

VT 2

HF 2

SD 2

3 connecting hoses with 50mm end connectors

3 thread connectors 50/38mm

-

-

-

**STARTER SET 3**  
complete (50mm)

AD 20

VP 6

VT 2

HF 2

SD 2

15m hose 50mm

6x floor connector 50mm

5x Y-piece 50mm

6x end connectors 50mm

25x hose clamps 50mm



## Side channel blowers

# AERIAL AB 200

**Dantherm**  
CLIMATE SOLUTIONS



### AB 200

The AB 200 is a ready to use side- channel blower with integrated vibration suppression and sound insulation, ideally suited for water damage restoration.

#### Control/operation

- On/Off-switch
- Amperemeter to show the counter pressure
- Device socket, fused 8A
- MID compliant energy metre



- Case made of stainless steel
- Easy to service and maintain
- Rubber feet for installation on the floor or other flat surfaces
- Lightweight and easy to carry
- The system is designed to deliver optimum performance using 50mm hoses with alternative 38mm hose fittings optional
- Coarse filter at suction side
- Very quiet due to highly efficient sound reduction system
- Integrated cable retention
- Can be used for suction or positive pressure drying of insulated constructions
- Cavity drying up to 10-15m<sup>2</sup>

#### Optional accessories



**Superflextract hose**  
50m - **2002247**

Specifications	Units	AB 200
Air flow	m <sup>3</sup> /h	80
Max. operating temperature range	°C	0-38
Max. pressure differential		
Vacuum	mbar	110
Pressure	mbar	130
Noise level	dB(A)	<46
Total power consumption	W	400
Power supply	V/Hz	230/1ph/50
Power cord	m	4.5 with plug
Protection class		IP23
Pressure	mbar	110/130
Product size (h x d x w)	mm	330 x 310 x 365
Weight	kg	19

## MultiQube® System – setting the standard in modular insulation drying

Uniquely designed to accommodate diverse restoration needs, the MultiQube® System stands as a frontrunner in modular insulation drying. Whether your tasks involve occasional excess pressure drying or managing a varied machine park, the MultiQube® system is the go-to choice for efficiency and flexibility.

### Key devices included:

- Water separator with integrated microfilter system
- HEPA filter
- Insulation dryer
- Silencers

### Benefits

**Flexibility and efficiency:** Modules can be stacked as needed, ensuring synchronous optimum performance for excess or low-pressure procedures.

**Optimised filtration:** A meticulously designed multi-stage filter system with water separators, micro, and HEPA filters perfectly matched for maximum air flow rate in insulation dryers.

**Synchronised performance:** Each device within the MultiQube® system is synchronised for peak efficiency, from filter surface to air flow rate.

**Continuous improvement:** Ongoing enhancements and performance innovations focus on practical user benefits.

**Enhanced air flow:** The flow-optimised WA 4i filter cartridge and the HEPA control function prevent reduced drying air flow.

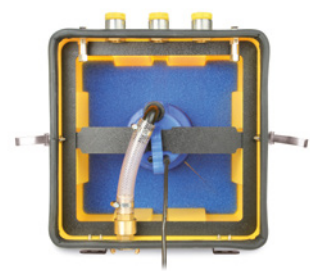
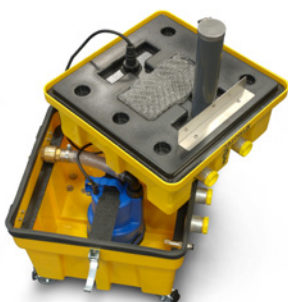
**Streamlined installation:** Patented TTKwic quick couplings allow for a single central water drain for all desiccant dehumidifiers.

**Manufacturer approval:** All Trotec filters are manufacturer-approved for vacuum turbines, ensuring reliability with pressure differences exceeding 250 mbar.

In essence, the MultiQube® system offers optimal air filtration, maximum air current, and heightened insulation dryer efficiency. Setting a new standard in modular technology, this well-matched, flexible system is ideal for all insulation drying requirements.



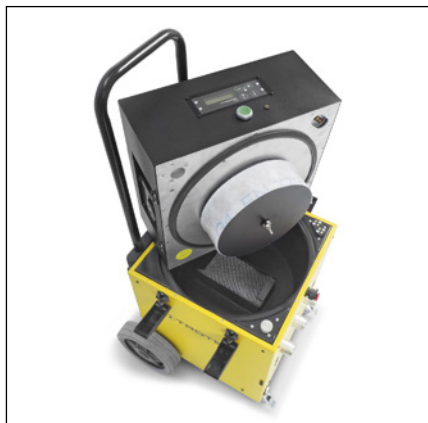
**MULTI QUBE**



**QUBE+**

- Qube+ is a 4-in-1 device: water separator, HEPA filter, silencer and side channel compressor
- Adaptronic power control for flexible low-pressure surface drying operations (10-85m<sup>2</sup>)
- Extremely quick drying cycle
- Very fast installation
- Digital counter for operating hours and energy consumption with keylock function
- Integrated thermal protection
- Night operation – whisper mode
- For insulation layer drying
- Lightweight, only 27kg
- Service-friendly design
- HiDry technology allows for quick drying at minimum energy consumption
- Easy to transport with telescopic handle
- Stackable
- Flexible filter system
- Suitable for areas 10-85m<sup>2</sup>

Specifications	Units	Qube+
Max. negative pressure	mbar	220
Air volume freely blowing	m <sup>3</sup> /h	250
Volumetric flow rate HiDry (sucking in)	m <sup>3</sup> /h	90-180
Motor power max.	kW	1.2
Air flow (HiDry with HEPA filter)	Speed/m <sup>3</sup> /h	Whisper mode/90 - 1/50 - 2/90 - 3/140 - 4/160 - Boost/180
Power supply	V/Hz	230/1ph/50
Nominal power consumption	A	6.7
Fuse	A	16
Tank capacity	l	10
Sound level @3m	dB(A)	48-62
Hose connector	Ømm	3 x 38
Product size (l x w x h)	mm	490 x 500 x 735
Weight	kg	27



## Optional accessories



**HEPA filter module**  
incl. F8 pre-filter sleeve  
Ø300mm - 7.160.000.222  
F8 filter sleeve (5-pack)  
7.160.000.215



**All-weather sound  
protection cover**  
6.100.000.070



**G4 filter sleeve**  
7.160.000.214



**Water discharge hose**  
5m, Ø8mm  
7.331.000.476



**Hose connection piece  
for process air discharge**  
50mm - 7.200.000.001



**F7 Z-Line Filter Qube+**  
7.160.000.213



**MQ Qube F8 filter  
sleeve in 5-pack for  
HEPA-free operation**  
7.160.000.216



**Protection cover**  
6.100.003.105



**Reducer fitting**  
7.200.000.002



**Connecting cable for  
VX 5 to DA 4**  
7.333.000.015


**VE 4 S MULTIQUBE**


- Suitable for rooms of approx. 50m<sup>2</sup> (positive pressure drying) and 40m<sup>2</sup> (negative pressure drying)
- For positive and negative pressure drying
- Built-in ammetre and operating hours counter
- Service socket
- Designed for use with other MultiQube modules
- Quick release fasteners for easy maintenance
- Integrated cable holder and rubber wheels for ease of handling
- Stackable to save space

## Optional accessories


**HEPA filter HC  
MultiQube**  
6.100.000.043

**NR 19 MultiQube  
sound suppressor**  
6.100.000.120

**Water separator WA 4i  
MultiQube**  
6.100.000.006

**PV-A 38 hose**  
38mm, 15m  
6.100.001.010

**Reducer fitting**  
7.200.000.002

**VE/VX series check  
valve**  
6.100.000.150

**VE/VX series  
connection nozzles**  
50 mm - 6.100.000.130

**NR 14 external sound  
suppressor**  
6.100.000.119

**Quad distributor pro**  
6.100.000.142

Specifications	Units	VE 4 S MultiQube
Max. excess pressure	mbar	200
Max. negative pressure	mbar	175
Air flow rate (freely blowing)	m <sup>3</sup> /h	150
Power supply	V/Hz	230/1ph/50
Power input	kW	1.1
Nominal current consumption	A	7.5
Hose connector	Ømm	38
Product size (l x w x h)	mm	420 x 430 x 415
Weight	kg	25.5



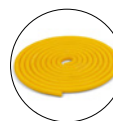

**VE 4 MULTIQUBE**

- For positive and negative pressure drying
- Side channel compressor
- Suitable for rooms of approx. 50m<sup>2</sup> (positive pressure drying) and 40m<sup>2</sup> (negative pressure drying)
- Designed for flexible and stable stacking installation with other MultiQube units
- 100% compatible with previous models
- Sturdy ABS housing
- Dual hour and energy counter (MID-compliant)
- Optiflow LED display for effective installation optimisation
- Integrated 6 A service socket for dehumidifiers
- Quick release fasteners for easy maintenance
- Integrated cable holder and rubber wheels

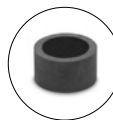
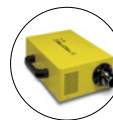
## Optional accessories


**HEPA filter HC  
MultiQube**  
6.100.000.043

**NR 19 MultiQube  
sound suppressor**  
6.100.000.120

**Water separator WA 4i  
MultiQube**  
6.100.000.006

**PV-A 38 hose**  
38mm, 15m  
6.100.001.010

**Reducer fitting**  
7.200.000.002

**VE/VX series check  
valve**  
6.100.000.150

**VE/VX series  
connection nozzles**  
50 mm - 6.100.000.130

**NR 14 external sound  
suppressor**  
6.100.000.119

**Quad distributor pro**  
6.100.000.142

Specifications	Units	VE 4 S MultiQube
Max. excess pressure	mbar	200
Max. negative pressure	mbar	175
Air flow rate (freely blowing)	m <sup>3</sup> /h	150
Sound level	dB(A)	61
Power supply	V/Hz	230/1ph/50
Power input	kW	1.1
Nominal current consumption	A	7.5
Connector	Ømm	38
Product size (l x w x h)	mm	420 x 430 x 415
Weight	kg	25.5



## VX 5 MULTIQUBE

- HiDry technology allows for quick drying at minimum energy consumption
- Suitable for rooms of approx. 90m<sup>2</sup> (positive pressure drying) and 70m<sup>2</sup> (negative pressure drying)
- Cable holder
- Exceptional, adaptronic power control
- Up to 75% lighter than comparable side channel compressors
- DA-4 interface for real-time remote monitoring of system status and drying progress
- Optiflow NT multi-function display
- Digital counter for operating hours and energy consumption
- Whisper mode for night operation
- Non-wearing touch control panel

## Optional accessories



**HEPA filter HC  
MultiQube**  
6.100.000.043



**NR 19 MultiQube  
sound suppressor**  
6.100.000.120



**Water separator WA 4i  
MultiQube**  
6.100.000.006



**PV-A 38 hose**  
38mm, 15m  
6.100.001.010



**Reducer fitting**  
7.200.000.002



**VE/VX Series Check  
Valve**  
6.100.000.150



**VE/VX Series  
connection nozzles**  
50 mm - 6.100.000.130



**NR 14 external sound  
suppressor**  
6.100.000.119



**VX filter screen**  
7.700.000.001



**VX micro filter 2x F8**  
7.160.000.212



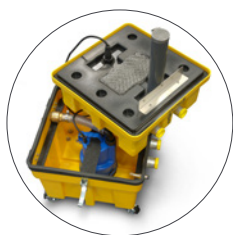
**Quad distributor pro**  
6.100.000.142

Specifications	Units	VX 5 MultiQube
Max. excess pressure	mbar	270
Max. negative pressure	mbar	220
Air flow rate (freely blowing)	m <sup>3</sup> /h	250
Air flow (HiDry)	speed/m <sup>3</sup> /h	Whisper mode/100 - 1/100 - 2/150 - 3/180 - Boost/250
Sound level	dB(A)	48-61
Power supply	V/Hz	230/1ph/50
Power input	kW	1.2
Nominal current consumption	A	5.5
Fuse	A	16
Connector	Ømm	2 x 38
Product size (l x w x h)	mm	420 x 430 x 415
Weight	kg	10

# WA 4i WATER SEPARATOR



## WA 4i WATER SEPARATOR



**Low maintenance construction**



**Micro filter cartridges with threefold filter element**



- Maintenance-friendly and high-performing filter technology
- Innovative micro filter system with all pre-HEPA filter stages in one device
- Two integrated quick couplings for central water discharge for up to two connected dehumidifiers
- Stainless steel demister for water separation and fine filtration
- Residual water drainage function
- Active overflow protection due to automatic compressor switch-on/-off
- Light, robust and low-maintenance design
- Wheels with parking brakes
- Quick release fasteners for easy maintenance
- Emergency stop switch
- Automatic switch-off overflow sensor
- Stackable for compact storage
- MID-compliant dual counter for operating and kW hours

### Optional accessories



**WA 4i micro-filter cassette**  
**7.160.000.211**



**WA 4i filter mat**  
(Pack of 5)  
**7.160.000.205**

Specifications	Units	WA 4i Water Separator
Volume	l	17
Fine filter	class	F8
Power supply	V/Hz	230/1ph/50
Power input	kW	0.32
Fuse	A	16
Hose connector	Ømm	3 x 38
Product size (l x w x h)	mm	420 x 440 x 395
Weight	kg	11.3

Developed by the Dantherm Group, Simplify Climate Solutions is a cloud-based solution designed to remotely control, monitor and analyse the climate in a variety of construction and restoration projects. The solution delivers the fully transparent data feedback needed to optimise climate control processes. This makes it the ideal tool for water damage restoration companies, insurance companies, construction businesses and many more. The remote access to live data will revolutionise your business!

Effectively acting as a real business management tool, the solution will deliver the fully transparent data feedback you need to optimise your climate control processes. This makes it the ideal tool for damage control and restoration companies, insurance companies, construction businesses, pest management companies and many more.

## WHAT DOES SIMPLIFY CONSIST OF



### **Simplify App**

The Simplify App is used to program the Simplify solution on-site within only two minutes. Available for iOS and Android.



### **Simplify Dashboard**

The dashboard presents all of the Simplify data collected from the job site to the user. Data is presented in both a chart and tabular format showing temperature, relative humidity, vapour pressure, dewpoint, water content, power and energy consumption as well as indoor air quality from the Simplify Sensor Probes.



### **Simplify Control Unit**

The Simplify Control Unit is the basic part of the Simplify solution connecting to GSM whenever available and communicating and controlling the network of sensors and equipment on-site programmed to it. It transmits data e.g. power consumption and alarms from sensors to the Simplify Dashboard in the reporting intervals set.



### **Simplify Sensor Box**

The Simplify Sensor Box, powered by a regular 9V lithium battery, is used to transmit data from the connected Simplify Sensor Probe, back to the Simplify Control Unit. It can be controlled from the Simplify Dashboard, adjusting the data frequency to desired levels.



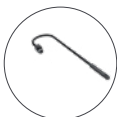
### **Simplify Sensor Probe - Relative Humidity/Temperature**

The probe is a humidity and temperature sensor with a unique precision of +/- 2.0% in the range from 0-100% RH and +/- 0.2°C deviation on the temperature measurements. The probe comes with different lengths of cable – 24cm, 300cm, and 2000cm



### **Simplify Sensor Probe - Resistive**

The probe is a resistive sensor measuring the moisture content in materials by measuring the resistivity i.e. between two pins using a range from 10kOhm-1GOhm translated in the dashboard to a moisture equivalent scale.



### **Simplify Sensor Probe - Indoor Air Quality**

The probe is an indoor air quality (IAQ) sensor measuring a range of organic, volatile components in air (TVOC) and indoor air quality according to the Umwelt Bundesamt (German Federal Environmental Agency). scale from 1-5. The probe also measures estimated carbon dioxide (eCO<sub>2</sub>).



### **Simplify Relay Box**

The Simplify Relay Box with three independently switchable 230V AC outlets and on-board MID approved kWh metre measures the total power consumption (kW and kWh) of all connected devices. The 230V AC outlets can be individually on/off controlled from the Simplify Dashboard thereby turning equipment on or off remotely.



### **Simplify CC4 Box**

The Simplify CC 4 Box has four independently switchable 230V outlets and on-board MID approved kWh metre measures the total power consumption (kW and kWh) of all connected devices. It can be locked to fulfill MID requirements. The 230V AC outlets can be individually on/off controlled from the Simplify Dashboard thereby turning equipment on or off remotely.

## SIMPLIFY BENEFITS

- **Reduce** your **costs of claims**: Fewer on-site visits because you can monitor everything remotely
- **Capture**, share and utilise climate process **data** such as temperature, humidity, equipment status and indoor air quality
- Use data to create reports that **document** the **efficiency** of your climate control jobs
- **Minimise** equipment **downtime**: Instant notification if a unit is switched off by mistake or if it malfunctions
- **Carry out** climate control jobs **faster**: Less downtime and realtime control of data eliminates idle and/or wasted time
- **Reduce** your **carbon** footprint: Faster project circles reduce **power** consumption. Fewer on-site visits reduce vehicle maintenance and **fuel** costs
- Handle **more claims**: Faster project circles enable you to handle more claims with the same pool of equipment
- **Detect** on-site **issues** instantly

## HOW IT WORKS

In simple terms, Simplify remote monitoring uses wireless sensors on buildings and equipment that monitor the drying, heating or cooling process throughout your climate project, for instance in the construction or water damage restoration industry.

That way, Simplify lets you check the dehumidifying, heating or cooling status in real-time from almost any device anywhere. In addition, you can remotely monitor and control parameters such

as power on/off, alarms, temperature and power consumption as well as indoor air quality. In other words, remote monitoring in a climate process removes and reduces costs associated with the management of a claim or project and your assets.

### Easy installation with the Simplify app

The Simplify App is your tool for installation and archiving of each claim, providing a fast, efficient, and simple to use method of installing the equipment on-site – within only two minutes.





# DRYING ACCESSORIES










Illustration	Accessory	Code	Description	Products
	<b>Superflextract hose</b>	<b>2002245:</b> Ø38mm <b>2002247:</b> Ø50mm	The SUPERELASTIC FLEXTRACT is made of two layers of PVC with steel spring spiral and additionally equipped with an axial and radial thread reinforcement. Smooth on the inside, extremely flexible and vacuum tight, high tensile, good chemical resistance, for the most part smooth on the inside, small bend radius, UV and ozone-proof. Cadmium-free. 0 to 85°C.	VP 3, VP 6, VT 2, HF 2, SD 2, ASE 200, ASE 300, AB 200
	<b>PE hose</b>	<b>2002246:</b> Ø50mm	The silver-grey EEA/PE synthetic hose is suitable for transporting warm air. The hose is smooth on the inside and corrugated on the outside. Flexible, self-supporting design. Area of application -40 to +70°C.	VP 3, VP 6, VT 2, HF 2, SD 2, ASE 200, ASE 300, AB 200
	<b>Thermafex hose</b>	<b>2002248:</b> Ø80mm <b>2002244:</b> Ø100mm <b>2003954:</b> Ø125mm	Extremely flexible, light and reinforced PVC hose made of PVC coated polyamide mesh. Vibration-proof and flame retardant. Reinforced with spring steel spiral, corrugated interior and exterior. The hose's hard-wearing structure makes it ideal for use in practice and remarkably durable. Area of application -30°C to +80°C.	ASE 200, ASE 300, ASE 400
	<b>Drain hose</b>	<b>2002058</b>	Discharge of condensate 9 x 1.5mm	AD 20
		<b>2002052</b>	Discharge of condensate 12 x 2mm	AD 520, AD 540, AD 560, AD 580, AD 660, AD 680, AD 750-P, AD 780-P, Pump kits
		<b>2002053</b>	Discharge of condensate 15 x 2mm	AD 40, AD 740, AD 750
	<b>Wire hose clamp - Ø38mm</b> <b>Hose clamp - Ø38/50mm</b> <b>Wire hose clamp - Ø80mm</b> <b>Wire hose clamp - Ø100mm</b>	<b>2001956</b> <b>2001954</b> <b>2002990</b> <b>2003964</b>	Clamp to connect hoses.	
	<b>Hose distributor T and Y</b>	<b>2002256:</b> Ø38mm <b>2002257:</b> Ø50mm <b>2002259:</b> Ø38mm <b>2002260:</b> Ø50mm <b>2002261:</b> Ø40mm <b>2002258:</b> Ø50mm	<b>T-piece</b> Ø38mm/Ø50mm (for PVC-FLEXTRACT with thread) <b>Y-piece</b> Ø50mm (for PVC-FLEXTRACT with thread) <b>T-piece</b> Ø40/Ø50mm (without thread for all hoses)	VP 3, VP 6, VT 2, AB 200
	<b>Floor connecting piece</b>	<b>2002263:</b> Ø38mm <b>2002264:</b> Ø50mm	For all hoses with 38 or 50mm inside diameter. High-quality, heat resistant SBR quality. The L-shaped form allows hoses to be guided as necessary. Fits perfectly due to the slightly tapered form of the connecting piece. Drill hole diameter 50mm.	VP 3, VP 6, VT 2, AB 200

Illustration	Accessory	Code	Description	Products
	<b>Hose connector and PVC connecting piece</b>	<b>2002265:</b> Ø38mm <b>2002266:</b> Ø50mm <b>2002267:</b> Ø38/50mm	Suitable for all SUPERELASTIC FLEXTRACT hoses with left-hand thread. PVC connecting piece Ø38mm (for SUPERELASTIC Ø38mm), PVC connecting piece Ø50mm (for SUPERELASTIC Ø50mm), PVC connector Ø38mm (for SUPERELASTIC Ø38mm), PVC connector Ø50mm (for SUPERELASTIC Ø50mm), combo- PVC connecting piece (inside: Ø50mm smooth and thread for PVC hose Ø38mm).	
	<b>Hose reductions</b>	<b>2002271</b>	The hose reduction allows ASE adsorption dryers to be connected to AB sound boxes or RB side channel compressors. This makes it possible to carry out combined drying with the above mentioned AERIAL drying units. Outflow diameter 100mm on dry air outlet Connection diameter 50mm, pipe nipple.	
	<b>Combi connector</b>	<b>2002267:</b> Ø38/50mm	To reduce 50mm connection to 38mm	VP 3, VP 6, VT 2, HF 2, SD 2, AB 200
	<b>Edging joint nozzle RF</b>	<b>2002281:</b> Ø38mm <b>2002283:</b> Ø50mm	Used to carry out gentle and efficient drying along the edges of the floor. There is no need to drill any holes in the floor; the floor covering remains intact. Suitable for 38/50mm hoses.	
	<b>Pump kit</b>	<b>2000000</b> <b>2000001</b> <b>2000001</b> <b>2000002</b> <b>2000003</b> <b>2000002</b> <b>2000003</b> <b>2000006</b>	To use a pump instead of a bucket	AD 40 AD 520 AD 540 AD 560 AD 580 AD 660 AD 680 AD 740
	<b>Adaptor plate</b>	<b>2000555</b>	To put metal units on AERCUBE units	VP 3, VP 6, VT 2, HF 2, SD 2
	<b>Lashing strap</b>	<b>2002291</b>	To fix AERCUBE units with a belt	AD 20, AD 40, AD 740, VP 3, VP 6, VT 2, HF 2, SD 2




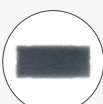
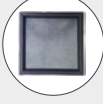

Illustration	Accessory	Code	Description	Products
	Wall brackets	2000613 2000612	Attachment for wall-mounted units	AD 520 AD 540
	Mounting kit (power cord, flanges and rubber feet)	2003160		HB 229/RB 80/ RB 110
	External hygostat	2002309		ASE 400
	Spare filter	2001235 2001234 2001219 2001217 2001188 2001188 2001212 2001212 2001236 2001192 2001192 2001193 2001191 2001196 2001239		AD 20 AD 40 AD 520 AD 540 AD 560 AD 660 AD 580 AD 680 AD 740 AD 750 AD 750P AD 780P ASE 200 ASE 300 ASE 400
	Air cooling filter	2001223 2001229	To protect units from dirt	VP 3 VP 6
	Active carbon filter	2002278	Removes bad odours from the processed air flow of the AERCUBE	SD 2
	G4 filter	2001231	Pre-filter class G4	HF 2
	H13 filter	2001230	Main filter class H13	HF 2



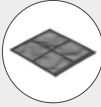









Illustration	Accessory	Code	Description	Products
	Condensate pump	6.100.003.030	5m discharge hose	TTK 500, TTK 900 MP TTK 125-175-355 S
	HG 110 hygostat	6.100.002.044	3m cable, 6.35mm (1/4") jack plug	TTK 500, TTK 900 MP
	Air filter	7.160.000.006 7.160.000.007 7.160.000.008 7.160.000.009 7.160.000.013 7.160.000.014		TTK 125 S TTK 175 S TTK 355 S, TTK 500 TTK 655 S TTK 900 MP TTK Qube
	Protection cover	6.100.003.101 6.100.003.105 6.100.003.110 6.100.003.115		TTK 125 S TTK 175 S TTK 355 S TTK 655 S
	Dual counter	7.140.000.903		TTK 175 S TTK 355 S
	HEPA filter module	7.160.000.222 7.160.000.215	Ø300mm F8 filter sleeve (5-pack)	Qube +
	All-weather sound protection cover	6.100.000.070		Qube +
	Protection cover	6.100.003.105		Qube +
	G4 filter sleeve MQ Qube F8 filter sleeve in 5-pack	7.160.000.214 7.160.000.216		Qube + Qube +
	Water discharge hose	7.331.000.476	5m, Ø8mm	Qube +
	Hose connection piece for process air discharge	7.200.000.001	50mm	Qube +
	F7 Z-line filter	7.160.000.213		Qube +
















Illustration	Accessory	Code	Description	Products
	Reducer fitting	7.200.000.002		Qube + VE 4 MultiQube VE 4 S MultiQube TTR 200-300-400- 400 D-500 D
	Connecting cable	7.333.000.015	Connection cable for the Insulation Drying Unit VX 5 to Drying Control Unit DA 4 M	Qube +
	HEPA filter HC MultiQube	6.100.000.043		VE 4 MultiQube VE 4 S MultiQube
	NR 19 MultiQube sound suppressor	6.100.000.120		VE 4 MultiQube VE 4 S MultiQube
	Water separator WA 4i MultiQube	6.100.000.006		VE 4 MultiQube VE 4 S MultiQube
	PV-A 38 hose	6.100.001.010	Ø38mm, 15m	VE 4 MultiQube VE 4 S MultiQube TTR 300-400-400 D-500 D
	PV-A 51 hose	6.100.001.020	Ø50mm, 15m	Qube + MultiQube system TTR 300-400-400 D-500 D
	Air hose TF-L	6.100.001.110 6.100.001.115	83mm/6m 100mm/6m	TTR 160-250
	Check valve	6.100.000.150	VE/ VX Series	VE 4 MultiQube VE 4 S MultiQube
	Connection nozzles	6.100.000.130	50 mm, VE/VX Series	VE 4 MultiQube VE 4 S MultiQube
	NR 14 external sound suppressor	6.100.000.119		VE 4 MultiQube VE 4 S MultiQube
	WA 4i micro-filter cassette	7.160.000.211	Pack of 10	WA 4i water separator
	WA 4i filter mat	7.160.000.205	Pack of 5	WA 4i water separator


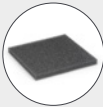








Illustration	Accessory	Code	Description	Products
	<b>WA 4i filter mat</b>	<b>7.160.000.205</b>	Pack of 5	WA 4i water separator
	<b>Filter mat</b>	<b>7.710.000.061</b> <b>7.710.000.060</b>	Pack of 5	TTR 250 TTR 160
	<b>Sealing sleeves</b>	<b>6.100.009.046</b>	for PVC end connectors.	Qube + MultiQube system
	<b>Aluminium screw connector</b>	<b>6.100.009.062</b>	for 38mm hose	Qube + MultiQube system
	<b>Sealing plug, cork</b>	<b>6.100.009.080</b>	for 50 to 52mm core drill holes	Qube + MultiQube system
	<b>Air inlet adaptor, rubber</b>	<b>6.100.009.048</b>	for 50 to 52mm core drill holes, for 38mm hoses.	Qube + MultiQube system
	<b>Air inlet angle adaptor, rubber</b>	<b>6.100.009.050</b>	for 50 to 52mm core drill holes, for 38mm hoses	Qube + MultiQube system
	<b>Connection sleeves, PVC</b>	<b>6.100.009.055</b>	for 38mm hoses	Qube + MultiQube system
	<b>T-distributor, PVC</b>	<b>6.100.009.056</b>	for 38mm hoses	Qube + MultiQube system
	<b>End connector, PVC</b>	<b>6.100.009.044</b>	for 50 to 52mm core drill holes, for 38mm hoses.	Qube + MultiQube system










Illustration	Accessory	Code	Description	Products
	<b>Y-distributor, PVC</b>	<b>6.100.009.051</b>	for 38mm hoses	Qube + MultiQube system
	<b>End connector, aluminium</b>	<b>6.100.009.052</b>	38mm hose ideal for 50mm overhead bores	Qube + MultiQube system
	<b>End connector, aluminium</b>	<b>6.100.009.053</b>	for poly flat roof 38mm hose with slotted notch for optimum fastening	Qube + MultiQube system
	<b>End connector, aluminium</b>	<b>6.100.009.054</b>	for flat bitumen roof 38mm hose with conical screw thread to screw in bituminous sheeting	Qube + MultiQube system
	<b>VQuick end connector, PVC</b>	<b>6.100.009.045</b>	for 38mm hose, colour black or yellow	Qube + MultiQube system
	<b>VQuick air inlet adaptor, rubber</b>	<b>6.100.009.049</b>	for 38mm, colour black or yellow	Qube + MultiQube system
	<b>VQuick air inlet angle adaptor, rubber</b>	<b>6.100.009.047</b>	for 38mm hose, colour black or yellow	Qube + MultiQube system
	<b>VQuick T-distributor, PVC</b>	<b>6.100.009.057</b>	for 38mm hose, colour black or yellow	Qube + MultiQube system
	<b>VQuick connection sleeve</b>	<b>6.100.009.059</b>	for 38mm, colour black or yellow	Qube + MultiQube system
	<b>VQuick hose connection</b>	<b>6.100.009.060</b>	38mm, colour black or yellow	Qube + MultiQube system
	<b>Quad distributor pro</b>	<b>6.100.000.142</b>		VE 4 MultiQube VE 4 S MultiQube VX 5 MultiQube
	<b>VX micro filter 2x F8</b>	<b>7.160.000.212</b>		VX 5 MultiQube
	<b>VX filter screen</b>	<b>7.700.000.001</b>		VX 5 MultiQube

Illustration	Accessory	Code	Description	Products
	Hose adaptor	6.100.010.001 6.100.010.005 6.100.010.010	Process Air Inlet	TTR 200 TTR 300 TTR 400-400 D-500 D
	Hose adaptor	6.100.010.101 6.100.010.105	Regeneration Air Inlet	TTR 400 D TTR 500 D
	Filterbox	6.100.010.301 6.100.010.305	Regeneration Air Inlet	TTR 400 D TTR 500 D
	Filterbox	6.100.010.201 6.100.010.205 6.100.010.210	Process Air Inlet	TTR 200 TTR 300 TTR 400-400 D-500 D
	Air hose TF-L	6.100.001.110 6.100.001.115 6.100.001.120 6.100.001.020		TTR 200 TTR 300 TTR 400-400 D-500 D TTR 200-300
	Hygostat	6.100.002.040	HG 120 S	TTR 200-300-400-400 D-500 D
	Thermohygrostat	6.100.002.042 6.100.002.043	HG 125 Adaptor transformer HG 125	TTR 200-300-400-400 D-500 D
	Quad distributor	6.100.010.340		TTR 300-400-400 D-500 D
	Sealing caps	7.310.000.021 7.310.000.101	38mm 50mm	TTR 200-300-400-400 D-500 D
	Filter mat	7.160.000.680 7.160.000.681 7.160.000.682  7.160.000.683 7.160.000.684	Process Air Inlet   Regeneration Air Inlet	TTR 200 TTR 300 TTR 400-400 D-500 D  TTR 400 D TTR 500 D
	Filter z-line	7.160.000.602 7.160.000.603 7.160.000.604	G4 process air	TTR 200 TTR 300 TTR 400-TTR 400 D-TTR 500 D
		7.160.000.605 7.160.000.606	G4 regeneration air	TTR 400 TTR 500
		7.160.000.630 7.160.000.631 7.160.000.632	F7 process air	TTR 200 TTR 300 TTR 400-TTR 400 D-TTR 500 D
		7.160.000.633 7.160.000.634	F7 regeneration air	TTR 400 D TTR 500 D



DANTHERMGROUP

PROFESSIONAL PORTABLE

## **AIR PURIFYING, DISINFECTION & ODOUR NEUTRALIZATION SOLUTIONS**

FOR CONSTRUCTION, WATER DAMAGE RESTORATION, BUILDINGS, EVENTS,  
PRODUCTION AND RENTAL COMPANIES

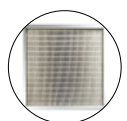
 **TROTEC**  
CLIMATE SOLUTIONS

 **MASTER**  
CLIMATE SOLUTIONS



**MAS 13**

- Improvement of the air quality
- Reduction of bad odours in the environment
- Improves the performance of nearby heaters and air-conditioners
- Rotomoulded plastic cover
- Top casing in hard rubber
- Central plastic handle
- LED filter change indicator and stepless fan speed
- Display with knob for turning on and selecting power
- Side grill for the filtered air outlet
- Hour counter
- HEPA filter H13
- G4 filter
- Variable speed

**Filters included****MAS 13 are stackable****Optional accessories****H13 filter  
4610.201****Primary efficiency  
filter G4 - 4610.200**

Specifications	Units	MAS 13
Air flow	m <sup>3</sup> /h	1,300
Speed	RPM	2,500
Power consumption	W	230
Power supply	V/Hz	220-240/1ph/50
Rated current	A	1
Product size (l x w x h)	mm	600 x 365 x 565
Box size (l x w x h)	mm	620 x 380 x 580
Net/gross weight	kg	13.5/14.5
Pallet	pcs	16

# HEYLO POWERFILTER 1000-1400



**POWERFILTER  
1000**



**POWERFILTER  
1400**

- High air flow, quiet operation
- Various filter combinations (F9/HEPA/Active carbon, etc.) and easy filter replacement
- 2- or 3-stage filter system
- Space-saving, stackable and lightweight
- Robust protective corners (PF 1000)
- Filter change indicator
- MID energy metre (kWh)
- Air flow infinitely variable
- Highly efficient EC fan motor
- Ergonomic carrying handle
- Low dust filter change due to special filter cassette

## Optional accessories



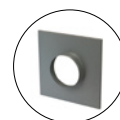
**Flex tube inlet/outlet (grey)**  
Ø205mm, 7.6m, incl. fastening strap  
**4515.390**



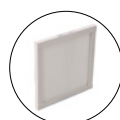
**Closing cap for duct connection**  
Ø205mm - **1200086**



**Air outlet nozzle**  
Ø205mm - **1200074**



**Pre-filter cartridge - duct connection**  
Ø205mm - PF 1400 - **1200076**



**Main filter active carbon**  
PowerFilter 1000 - **1110884**  
PowerFilter 1400 - **1110855**

**Main filter F9/dust class M**  
PowerFilter 1000 - **1110882**  
PowerFilter 1400 - **1110925**

**Main filter H14/Dust class H**  
PowerFilter 1000 - **1110883**  
PowerFilter 1400 - **1110854**

**Pre-filter coarse dust G4, (set of 5)**  
PowerFilter 1000 - **1110881**  
PowerFilter 1400 - **1110853**

**Pre-filter Dust class H**  
PowerFilter 1400 - **1110917**

**Pre-filter Active carbon**  
PowerFilter 1400 - **1110914**

Specifications	Units	POWERFILTER 1000	POWERFILTER 1400
Fan air flow rate max.	m <sup>3</sup> /h	917	1,010
Air flow with F9 filter /M-class/ H14 filter/H-class	m <sup>3</sup> /h	760/515	890/697
Min. air flow by saturated filters	m <sup>3</sup> /h	346	600
Power supply	V/Hz	230/1ph/50	230/1ph/50 (230/1ph/60)
Power consumption	kW	0.185	0.175
Current consumption	A	1.33	1.17
Sound level @ 3m	dB(A)	0-66	0-61
Hose inlet/outlet	Ømm	205	205
Product size (l x w x h)	mm	490 x 350 x 410	505 x 420 x 445
Weight	kg	14	16

# HEYLO POWERFILTER 3500



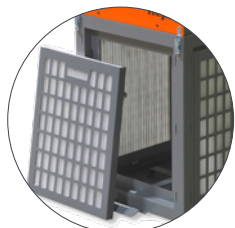
**POWERFILTER  
3500**



- Connection of several hoses: flexible use at several workplaces at the same time
- Infinitely variable air flow
- 3-stage filter system
- MID energy metre (kWh)
- For tough use – also in industry
- Can be closed after use of contaminants
- Robust metal housing
- Quiet and very energy efficient operation
- Filter change indicator
- Operating hours counter
- Including 3x pre-filter G4

Specifications	Units	POWERFILTER 3500
Fan air flow rate max.	m <sup>3</sup> /h	3,100
Air flow with F9 Filter /M-class/ H14 Filter/H-class	m <sup>3</sup> /h	2,795/2,420
Min. air flow by saturated filters	m <sup>3</sup> /h	1,700
Power supply	V/Hz	230/1ph/50 (230/1ph/60)
Power consumption	kW	0.48
Rated current	A	2.5
Sound level @ 3m	dB(A)	0-70
Hose inlet/outlet	Ømm	205
Product size (l x w x h)	mm	710 x 460 x 1010
Weight	kg	48

# HEYLO POWERFILTER 3500



Easy opening to exchange the plates



Easy filter change



Control panel with operating hours counter and fan speed control



Connection of flexible hoses possible



Robust wheels for easy transport



Convenient power cable holder



Ergonomic handle

## Optional accessories



**Flex tube**, 7.6m, incl. fastening strap  
Ø205mm - **4515.390**  
Ø305mm - **4515.391**



**Main filter "Active carbon"** - **1110924**



**Main filter F9/Dust class M** - **1110922**



**Main filter H14/Dust class H** - **1110920**



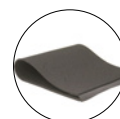
**Pre-filter G4** - for Pre-filter cartridge only - **1110834**



**Pre-filter "coarse dust" G4 set of 3** - **1110926**



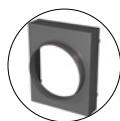
**Circular filter F7**, for all main-filter of PF 3500, usable as additional filter) - **1110927**



**Circular filter active carbon** for all main-filter of PF 3500, usable as additional filter) - **1110972**



**Air outlet nozzle** Ø205mm - **1200074**



**Pre-filter cartridge** Duct connection Ø305mm - **1200075**



**Dust protection plate cover plate** with duct connector Ø205mm) - **1200072**



**Dust protection plate metal plate** for closing - **1200071**



**Closing cap for duct connection**, Ø205mm - **1200086**



**Sealing cap for outlet** - **1200073**



**Stand for duct connector for intake** **1200044**

# HEYLO POWERVENT 3000-6000 KOMBI



**POWERVENT 3000 KOMBI**  
**POWERVENT 6000 KOMBI**



- From 3,102 to 5,410m<sup>3</sup>/h air flow rate – the right combinations for small to large projects
- Dust extraction by means of dust bags (M class)
- Robust housing
- Low power consumption
- Light and easy to handle
- Quick and easy to assemble
- Easy transport ensured by practical handle
- Air hoses can be connected on the inlet side
- Combi set consists of: PowerVent unit, dust bag and fixing clamp

## Optional accessories



**Dust bag (class M)**  
PV 3000 - **1250060**  
PV 6000 - **1250062**



**Fixing clamp  
for dust bag**  
PV 3000 - **1250096**  
PV 6000 - **1250140**



**Flex tube (grey)**  
PV 3000 - **4515.391**  
PV 6000 - **4515.392**

Specifications	Units	POWERVENT 3000 KOMBI	POWERVENT 6000 KOMBI
Fan air flow rate max.	m <sup>3</sup> /h	3,102	5,410
Power supply	V/Hz	230/1ph/50	230/1ph/50
Power consumption	kW	0.62	0.818
Rated current	A	2.89	3.6
Sound level @ 3m	dB(A)	78	84
Dust bag	Ømm	305	420
Dust bag length max.	m	3.5	4
Product size (l x w x h)	mm	520 x 400 x 530	615 x 515 x 500
Weight	kg	17.5	18.3





**FARBSTOP 3000**  
**STAUBSTOP 3000**  
**STAUBSTOP 3000 PLUS**



**STAUBSTOP 6000**



- For direct extraction of dust, dirt or paint mist
- StaubStop: Coarse and fine dust filters quickly and reliably collect the dust particles
- FarbStop: For extracting paint mist during spraying work on the construction site or in the workshop
- High air flow
- Dust, dirt, paint mist are extracted directly
- Quickly transported
- Practical indicator for filter change (Staub-Stop 3000 PLUS) - immediately recognisable when a filter needs to be replaced
- Targeted extraction possible by connecting an air duct

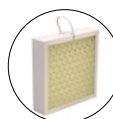
### Optional accessories



**Duct adaptor for filter box**  
 Ø205mm - **1200048**  
 Ø305mm - **1200049**  
 Ø420mm - **1200068**  
 Ø2 x 205mm - **1200098**



**Flex tube for inlet/outlet (grey)**  
 7.6m, incl. strap  
 Ø205mm - **4515.390**  
 Ø305mm - **4515.391**  
 Ø420mm - **4515.392**



**Dry overspray filter**  
 (set of 3) FarbStop 3000  
**1110906**



**Pre-filter**  
 Coarse dust G4,  
 StaubStop 3000,  
 StaubStop 3000 PLUS -  
 (set of 5) - **1110956**  
 StaubStop 6000 - (set of 3) - **1110949**



**Main filter F9/Dust class M**  
 StaubStop 3000 - (set of 3) - **1110957**  
 StaubStop 3000 PLUS - (set of 3) - **1110929**  
 StaubStop 6000 - **1110885**

Specifications	Units	FARBSTOP 3000	STAUBSTOP 3000	STAUBSTOP 3000 PLUS	STAUBSTOP 6000
Fan air flow rate max.	m <sup>3</sup> /h	3,102	3,102	3,102	5,410
Power supply	V/Hz	230/1ph/50	230/1ph/50	230/1ph/50	230/1ph/50
Included filter		Paint overspray filter (only for solvent-free colours)	Dust filter set (G4 + F9)	Dust filter set (G4 + F9)	Dust filter set (G4 + F9)
Sound level @ 3m	dB(A)	78	78	78	84
Product size (l x w x h) filter housing	mm	450 x 430 x 450	450 x 430 x 450	420 x 450 x 510	445 x 640 x 690
Weight	kg	29	29	30	45

# Dust protection doors

## HEYLO DCD 3.0



DCD 3.0



- For renovation work to quickly and safely seal off doors between the work or dirt area and the white area
- Includes two integrated dust extraction openings: this creates a wide range of combination options (Heylo DCS dust protection systems)
- An air cleaner or fan can be connected using air hoses
- For working with hazardous substances, e.g. mould: Air cleaner with HEPA filter
- Easy transport with carrier bag
- Easy and quick mounting via quick acting closure
- High air rate possible
- Flexible adaptation to different door widths thanks to extensions (four door adaptors A - D included)
- Easy cleaning

### Optional accessories



**DCD-3.0 adaptor 'A'**  
150mm right  
**1110976**



**DCD-3.0 adaptor 'B'**  
150mm left  
**1110977**



**DCD-3.0 adaptor 'C'**  
300mm right  
**1110978**



**DCD-3.0 adaptor 'D'**  
300mm left  
**1110979**



**Replacement PVC foil**  
2 x 200/68cm for door  
width up to 1130mm  
**1110982**



**PVC foil**  
2 x 200/100cm  
1430mm - **1110981**

Specifications	Units	DCD 3.0
Basic element (l x h x d)	mm	680-830 x 300 x 81
Suitable for door widths incl. adaptor	mm	680 - 1,430
Hose connection	mm	2 x 205
Weight	kg	8

**DCS-PV 3000****DCS-PF 1000****DCS-PF 1400****DCS-PF 3500**

- Dust protection systems Heylo DCS are mobile systems consisting of dust protection door (DCD-3.0) and mobile air cleaner or fan in the white area
- Two integrated dust extraction openings for air cleaner or fan with trouser/dust bag
- For dust extraction and negative pressure maintenance in rooms
- Extensive post-cleaning is not necessary
- For work with hazardous substances such as mould, air purifier with HEPA filter
- Protects health, living/working in neighbouring rooms can continue undisturbed
- For very large rooms or heavy dust infestation, air purifiers with two hoses can be connected, e.g. the PF 3500
- Easy transport with carrying bag (DCD-3.0)
- Easy, quick installation of the DCD-3.0 due to quick release fastener
- High air flow rate possible (DCD-3.0)

Suitable for door widths from 680 to 1,430mm by mounting adaptors.

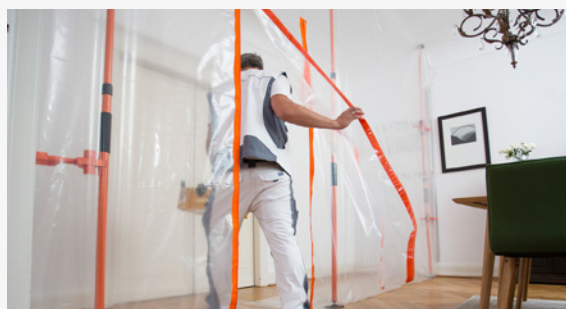
Specifications	DCS-PV 3000	DCS-PF 1000	DCS-PF 1400	DCS-PF 3500
Content	HEYLO DCD-3.0 blower PV 3000, dust bag M-Class, fastening clip, air hose incl. fastening strap	HEYLO DCD-3.0, air cleaner PF 1000, pre-filter, fine dust filter F9 (dust class M), air hose incl. fastening strap	HEYLO DCD-3.0, air cleaner PF 1400, pre-filter, fine dust filter F9 (dust class M), suction socket, air hose incl. fastening strap	HEYLO DCD-3.0, air cleaner PF 3500, fine dust filter F9 (dust class M), air hose incl. fastening strap, dust protection plates (2 x for closing, 1 x with suction socket)



HEYLO HEYWALL® BASIC



HEYLO HEYWALL® PLUS



- Quick and flexible protection against dust
- For separating walls, ceilings and partial areas
- Module system – individual modules for different applications
- Quick to set up in a few minutes
- Convenient entrance or exit by a self-adhesive zipper

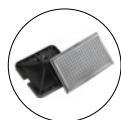
## Optional accessories



**Extendable system bars 3.6m – 1920201**



**Angle adaptor 1920207**



**Head and foot plates 1920204**



**Zippers 1920206**



**Transport bag 1920208**



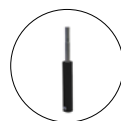
**Side clamps 1920205**



**Ceiling clamps 1920203**



**Sealing rails 1920202**



**Quick release adaptor 1920209**



**System bar extension length 140cm - 1920210**



**Transparent film (4 x 10m, 100µm) 1250125**

Specification	BASIC-PACKAGE	PLUS-PACKAGE	PROFESSIONAL-PACKAGE
Content	4 system bars (up to 3.60m height) 4 angle adaptor 2 zippers 1 transport bag	4 system bars (up to 3.60m height) 4 angle adaptor 2 zippers 4 side clamps 4 sealing rails/ceiling clips 1 transport bag	6 system bars (up to 3.60m height) 6 angle adaptor 2 zippers 6 side clamps 8 sealing rails/ceiling clips 3 transport bags
Max. length (m)	8	8	13
Max. area (m <sup>2</sup> )	28.8	28.8	46.8

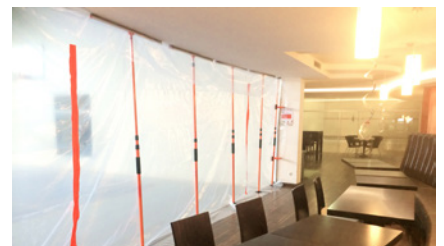
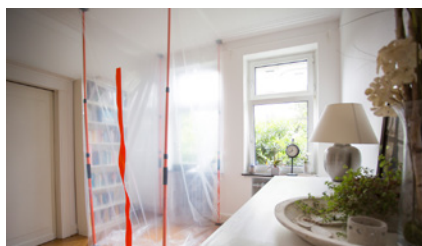
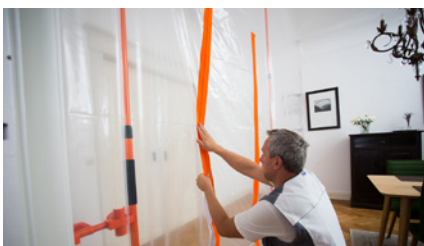
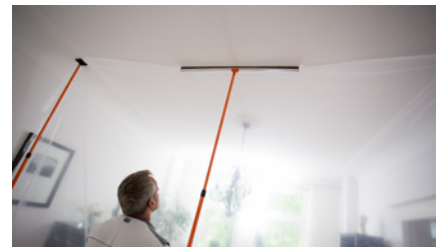
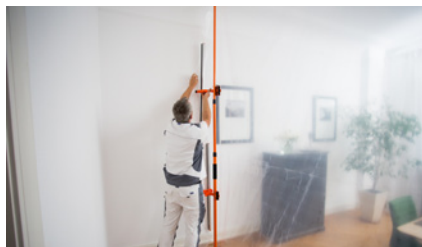
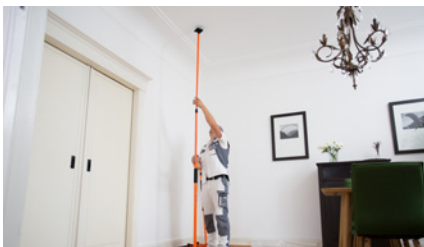
## MODULES FOR HEYLO HEYWALL®

- A Extendable system bars made of aluminium including head and foot plates**  
Fix the head and foot plate to the system bar. Clamp the foil into the top plate. Then tighten the extendable system bars 3.6m to the desired length between floor and ceiling by pulling it out.
- B Sealing rails including ceiling clamps**  
For application on ceilings, use the sealing rail and ceiling clamps. Use sealing rail with side clamp for wall closure.
- C Side clamps**  
These create a wall closure together with the sealing rails. First, connect the side clamp to the sealing rail. Then connect the sealing rail and the side clamp at the appropriate height to the system bar.
- D Angle adaptor**  
For fixing the system bars to inclined walls. Screw the angle adaptor onto the system bar, and then screw the head plate onto the angle adaptor. Then clamp the system bar between the floor and the slant.
- E Self-adhesive zippers**  
For application on the plastic foil. For easy entry and exit of the construction site. Stick the zipper and cut the film for the passage.
- F Carrying bag**  
Bag with sturdy zipper for stable transport and handling, as well as integrated bag for accessories. Washable surface inside and outside.



**Scan the code**

Watch the installation  
video







**TAC 1500**  
**TAC 3000**  
**TAC 5000**  
**TAC 6500**



- Versatile air cleaner that is ideal for both building sites and cleanroom renovations
- Dust class H, approvable for asbestos abatement as per TRGS 519
- Vario-shift function to adjust fan/filter positioning to your application requirements
- Monoventic air regulator for accurate and infinite adjustment of air volume
- Visual and acoustic filter change indicator
- Carrying handle and swivel casters for optimal mobility
- Quick top unlocking makes filter changes easy
- Stacking aid and shock protection (TAC 5000 and TAC 6500)
- Easy filter change
- Scope of filtration: asbestos, quartz, construction dust, flour, wood, mineral fibres, mould spores, paint particles

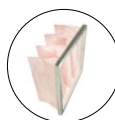
## Optional accessories



**Flexible tube SP-T**  
425mm, 7.6m  
TAC 1500 -  
**6.100.001.200**  
TAC 3000 -  
**6.100.001.202**  
TAC 5000  
**6.100.001.212**  
TAC 6500  
**6.100.001.214**



**Overspray filter**  
TAC 1500 -  
**7.160.000.416**  
TAC 3000 -  
**7.160.000.432**  
TAC 5000  
**7.160.000.452**  
TAC 6500  
**7.160.000.479**



**F7 bag filter**  
TAC 1500 -  
**7.160.000.414**  
TAC 3000 -  
**7.160.000.430**  
TAC 5000  
**7.160.000.450**  
TAC 6500  
**7.160.000.477**



**G4 Z line filter**  
TAC 1500 -  
**7.160.000.404**  
TAC 3000 -  
**7.160.000.428**  
TAC 5000  
**7.160.000.453**  
TAC 6500  
**7.160.000.454**



**H13 HEPA filter**  
TAC 1500 -  
**7.160.000.424**  
TAC 3000 -  
**7.160.000.431**  
TAC 5000  
**7.160.000.451**  
TAC 6500  
**7.160.000.478**

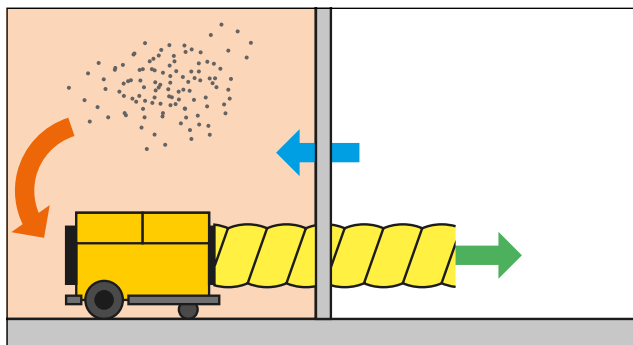


**H14 HEPA filter**  
TAC 1500 -  
**7.160.000.426**  
TAC 3000 -  
**7.160.000.433**  
TAC 5000  
**7.160.000.456**  
TAC 6500  
**7.160.000.480**

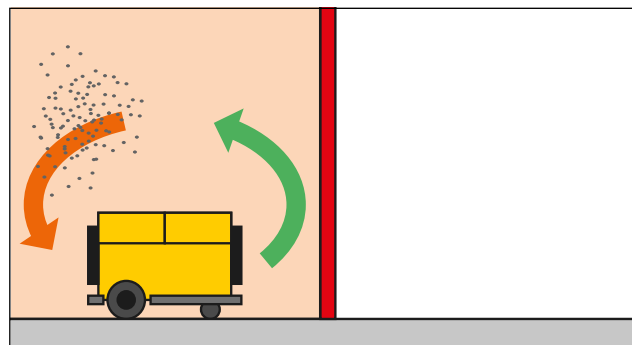


**F7 pleated filter cartridge**  
TAC 1500 -  
**7.160.000.409**  
TAC 3000 -  
**7.160.000.429**  
TAC 5000  
**7.160.000.449**  
TAC 6500  
**7.160.000.476**

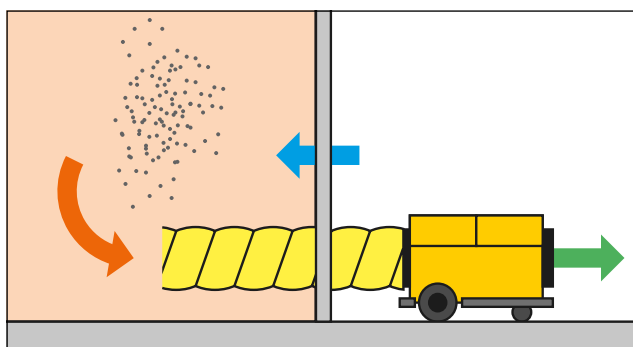
### Application examples for TAC air cleaners



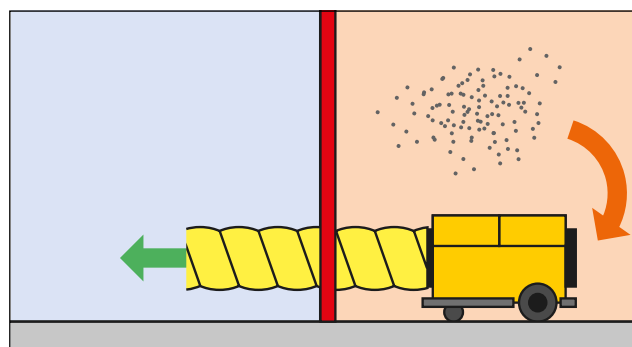
Negative pressure maintenance inside the room and air hose



Air purification in the sealed-off area via recirculation mode

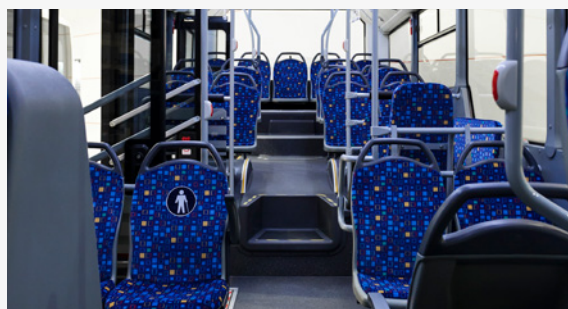


Negative pressure maintenance outside the room via air hose



Positive pressure ventilation of rooms located in contaminated areas

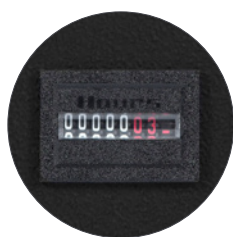
Specifications	Units	TAC 1500	TAC 3000	TAC 5000	TAC 6000
Dust class	filter	H	H	H	H
Air flow rate max.	m <sup>3</sup> /h	1,000	2,150	4,500	5,700
Recommended amount of air for filter class H	m <sup>3</sup> /h	500	1,000	2,500	3,000
Power supply	V/Hz	230/ph/50-60	230/ph/50-60	230/ph/50-60	230/ph/50-60
Power input	KW	0.175	0.45	1.27	1.4
Current consumption	A	1.4	2.8	5.6	6
Sound level @1m	dB(A)	61	65	68	68
Hose connector suction side	Ømm	200	250	400	450
Hose connector blow-out side	Ømm	200	250	400	450
Product size (l x w x h)	mm	705 x 362 x 377	833 x 460 x 532	1252 x 690 x 926	1252 x 790 x 1026
Weight	kg	22	36	125	136

**AIROZON 10000**

- Robust compact device for professional disinfection and odour neutralisation
- Up to 10,000mg/h ozone output
- Scientifically proven disinfection of rooms and surfaces
- Highly durable ozone electrode
- Intuitive control panel for ease of handling
- Timer function to set treatment duration (0 minutes to 30 hours)
- Operating hours counter documents system running time
- Integrated air filter mat minimises contamination of internal components

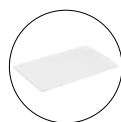


**Timer switch for  
setting the treatment  
duration**



**Intergrated  
operating hours  
counter**

### Optional accessories



**G2 Air filter**  
**7.710.000.394**



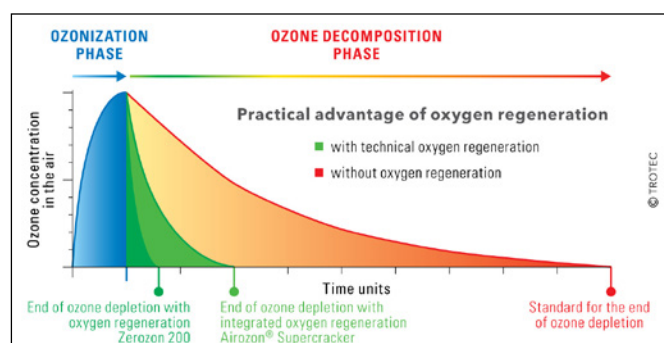
**Ozone warning sign**  
**ZZ7000275**

Specifications	Units	Airozon 10000
Air flow rate max.	m <sup>3</sup> /h	500
Ozone output	mg/h	10,000
Power supply	V/Hz	230/1ph/50-60
Power input max.	W	230
Current consumption	A	1.5
Sound level @3m	dB(A)	<70
Product size (l x w x h)	mm	460 x 310 x 310
Weight	kg	8



Display for operation  
or fault indication

## AIROZON SUPERCRACKER



- Robust compact device for professional disinfection and odour neutralisation
- Up to 10,000mg/h ozone output
- Scientifically proven disinfection of rooms and surfaces
- Highly durable ozone electrode
- Stable carriage design for maximum mobility
- Preconfigured or customised treatment duration possible
- Automatic oxygen regeneration cycle speeds up ozone depletion after treatment
- Acoustic alarm indicates completed treatment
- Integrated air filter mat minimises contamination of internal components

## Optional accessories



**Ozone Filter**  
7.710.000.396



**Filter mats**  
7.710.000.395



**Ozone warning sign**  
ZZ7000275

Specifications	Units	Airozon Supercracker
Air flow rate max.	m <sup>3</sup> /h	500
Ozone output	mg/h	10,000
Power supply	V/Hz	230/1ph/50-60
Power input max.	W	300
Current consumption	A	1.5
Sound level @3m	dB(A)	<70
Product size (l x w x h)	mm	400 x 600 x 390
Weight	kg	20

# Ozone disinfectors

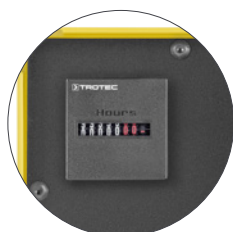
## AIROZON 20000



**AIROZON 2000**



**Operating switches and countdown timer**



**Integrated operating hours counter**



- Robust compact device for professional disinfection and odour neutralisation
- Up to 20,000mg/h ozone output
- Scientifically proven disinfection of rooms and surfaces
- Highly durable duplex package of 10 g ozone electrodes
- Timer function to set treatment duration (0 minutes to 100 hours)
- Operating hours counter documents running time
- Acoustic alarm indicates completed treatment
- Integrated G4 air filter prevents contamination of interior components
- Hose connection enables targeted use in poorly accessible areas
- Multi-stackable design (compatible with Zerozon 200) for compact storage and transport

### Optional accessories



**G4 Z-Line filter**  
7.160.000.404



**Ozone warning sign**  
ZZ7000275

Specifications	Units	Airozon 2000
Air flow rate max.	m <sup>3</sup> /h	480
Ozone output	mg/h	20,000
Power supply	V/Hz	230/1ph/50-60
Power input max.	W	500
Current consumption	A	2.2
Sound level @3m	dB(A)	62
Product size (l x w x h)	mm	610 x 360 x 400
Weight	kg	19.4

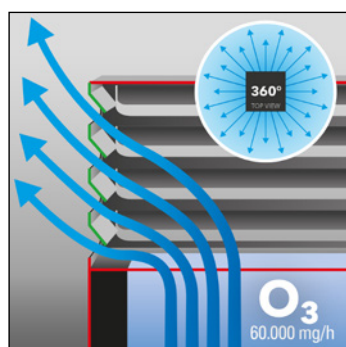


# Ozone disinfectors

## AIROZON 60000



**AIROZON 60000**



**Operating switches and  
countdown timer**



- Robust compact device for professional disinfection and odour neutralisation
- Up to 60,000 mg/h ozone output
- Scientifically proven disinfection of rooms and surfaces
- Highly durable six-pack of 10 g ozone electrodes
- Stable carriage design for maximum mobility
- 360° treatment - no "blind areas"
- Timer function to set treatment duration (0 minutes to 100 hours)
- Operating hours counter documents system running time
- Acoustic alarm indicates completed treatment
- Integrated G4 air filter prevents contamination of interior components

### Optional accessories



**F7 pleated filter  
cartridge**  
7.160.000.449



**Ozone warning sign**  
ZZ7000275

Specifications	Units	Airozon 6000
Air flow rate max.	m <sup>3</sup> /h	2,500
Ozone output	mg/h	60,000
Power supply	V/Hz	230/1ph/50-60
Power input max.	W	1,550
Current consumption	A	6.8
Fuse	A	13
Sound level @3m	dB(A)	74
Product size (l x w x h)	mm	555 x 615 x 845
Weight	kg	59

# Oxygen generators

## ZEROZON 200



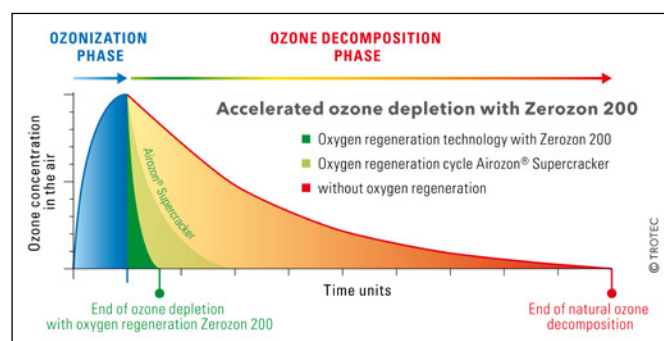
**ZEROZON 200**



**Stackable**



- Oxygen regenerator that makes the ozone depletion process up to 30 times faster
- Integrated power supply and control panel
- Can be connected to and control all Airozon® ozone disinfectors
- Standalone operation possible
- Fleece-coated catalysis filters ensure fast ozone decomposition
- Multi-stackable design (compatible with Airozon 20000) for compact transport and storage



### Optional accessories



**Replacement filter set**  
**7.710.000.392**



**Ozone warning sign**  
**ZZ7000275**

Specifications	Units	Zerozon 200
Air flow rate max.	m³/h	680
Power supply	V/Hz	220-240/1ph/50-60
Power input max.	W	175
Current consumption	A	0.8
Sound level @1m	dB(A)	62
Product size (l x w x h)	mm	547 x 370 x 400
Weight	kg	15



**AIRGOPRO 8**



**Timer switch for setting the treatment duration**



**Controller for regulating the intensity and ventilation stage**



**Integrated operating hours counter**



- Robust and effective odour neutralizer
- Integrated carrying handle and stable rubber feet
- Intuitive control panel for easy use and handling
- Timer function for preselecting treatment duration (0 minutes to 50 hours)
- Operating hours counter documents running time

## Optional accessories



**G2 Air filter**  
**7.710.000.393**

Specifications	Units	AirgoPro 8
Air flow rate max.	m <sup>3</sup> /h	120
Power supply	V/Hz	220-240/1 ph/50
Power input max.	W	20
Current consumption	A	0.1
Fuse	A	10
Sound level @3m	dB(A)	53
Product size (l x w x h)	mm	350 x 230 x 250
Weight	kg	4















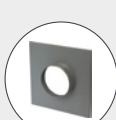
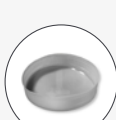
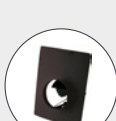

Illustration	Accessory	Code	Description	Products
	<b>Pre-filter "Coarse filter" G4</b>	<b>1110956 1110949 1110881 1110925 1110926</b>	Set of 5 Set of 3 Set of 5 Set of 5 Set of 3	Heylo StaubStop 3000/3000 PLUS Heylo StaubStop 6000 Heylo PowerFilter 1000 Heylo PowerFilter 1400 Heylo PowerFilter 3500
	<b>Pre-filter H14 / class H</b>	<b>1110917</b>	1 piece	Heylo PowerFilter 1400
	<b>Pre-filter Active carbon</b>	<b>1110914</b>	1 piece	Heylo PowerFilter 1400
	<b>Dry overspray filter</b>	<b>1110906</b>	Set of 3	Heylo FarbStop
	<b>Main-filter F9/class M</b>	<b>1110957 1110929 1110885 1110882 1110853 1100922</b>	Set of 3 Set of 3 1 piece 1 piece 1 piece 1 piece	Heylo StaubStop 3000 Heylo StaubStop 3000 PLUS Heylo StaubStop 6000 Heylo PowerFilter 1000 Heylo PowerFilter 1400 Heylo PowerFilter 3500
	<b>Main-filter H14/ class H</b>	<b>1110883 1110854 1110920</b>	1 piece 1 piece 1 piece	Heylo PowerFilter 1000 Heylo PowerFilter 1400 Heylo PowerFilter 3500
	<b>Main-filter Active carbon</b>	<b>1110884 1110855 1110924</b>	1 piece 1 piece 1 piece	Heylo PowerFilter 1000 Heylo PowerFilter 1400 Heylo PowerFilter 3500
	<b>Circular filter</b>	<b>1110927 1110972</b>	F7 (can be used as an additional filter for all PF 3500 main filters) Active carbon (can be used as an additional filter for all PF 3500 main filters)	Heylo PowerFilter 3500 Heylo PowerFilter 3500

Illustration	Accessory	Code	Description	Products
	<b>Flex tube (grey)</b>	<b>4515.390</b>	7.6m, Ø205mm, grey	Heylo Filter box 3000, Heylo PowerFilter 1000/1400/3500 Heylo Filter box 3000/3000 PLUS Heylo PowerFilter 3500 Heylo Filter box 6000
		<b>4515.391</b>	7.6m, Ø305mm, grey	
		<b>4515.392</b>	7.6m, Ø420mm, grey	
	<b>Dust bag</b>	<b>1250060</b> <b>1250062</b>	3.5m, Ø305mm, (class-M) 4m, Ø420mm, (class-M)	Heylo PowerVent 3000 Heylo PowerVent 6000
	<b>Fixing clamp for dust bag</b>	<b>1250096</b> <b>1250140</b>	Ø305mm Ø420mm	Heylo PowerVent 3000 Heylo PowerVent 6000
	<b>Filter box</b>	<b>1200039</b> <b>1200047</b> <b>1200066</b>	3000 3000 PLUS (incl. filter pressure gauge) 6000	Heylo PowerVent 3000 Heylo PowerVent 3000 Heylo PowerVent 6000
	<b>Duct adaptor</b>	<b>1200048</b> <b>1200049</b> <b>1200068</b> <b>1200098</b>	1 x Ø205mm 1 x Ø305mm 1 x Ø420mm 2 x Ø205mm	Heylo Filter box 3000 Heylo Filter box 3000/3000 PLUS Heylo Filter box 6000 Heylo Filter box 6000
	<b>Duct adaptor</b>	<b>1200074</b>	Ø205mm	Heylo PowerFilter 1000/1400/3500
	<b>Pre-filter cartridge</b>	<b>1200076</b> <b>1200075</b>	Hose connection Ø205mm Hose connection Ø305mm	Heylo PowerFilter 1000/1400 Heylo PowerFilter 3500
	<b>Closing cap</b>	<b>1200086</b> <b>1200073</b>	For hose connection opening Ø205mm For outlet openings	Heylo PowerFilter 1000, 1400, 3500 Heylo PowerFilter 3500
	<b>Dust protection plate</b>	<b>1200071</b> <b>1200072</b>	Cover plate for closing Cover plate with hose connection spigot Ø205mm	Heylo PowerFilter 3500 Heylo PowerFilter 3500
	<b>Stand for duct connector for intake</b>	<b>1200044</b>		Heylo PowerFilter 3500



## Dust control ACCESSORIES



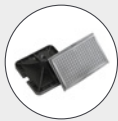











Illustration	Accessory	Code	Description	Products
	<b>Extendable system bars incl. 2 head plates and 2 foot plates</b>	<b>1920201</b>	Set of 2 Set of 2 Set of 2	Heywall® Basic-Package Heywall® Plus-Package Heywall® Professional-Package
	<b>Angle adaptor</b>	<b>1920207</b>	Set of 2 Set of 2 Set of 2	Heywall® Basic-Package Heywall® Plus-Package Heywall® Professional-Package
	<b>Head and foot plates</b>	<b>1920204</b>	Set of 2 Set of 2 Set of 2	Heywall® Basic-Package Heywall® Plus-Package Heywall® Professional-Package
	<b>Adhesive zippers</b>	<b>1920206</b>	Set of 2 Set of 2 Set of 2	Heywall® Basic-Package Heywall® Plus-Package Heywall® Professional-Package
	<b>Transport bag</b>	<b>1920208</b>	1 piece 1 piece 1 piece	Heywall® Basic-Package Heywall® Plus-Package Heywall® Professional-Package
	<b>Side clamps</b>	<b>1920205</b>	Set of 2 Set of 2	Heywall® Plus-Package Heywall® Professional-Package
	<b>Ceiling clips</b>	<b>1920203</b>	Set of 2 Set of 2	Heywall® Plus-Package Heywall® Professional-Package
	<b>Closing bars</b>	<b>1920202</b>	Set of 2 Set of 2	Heywall® Plus-Package Heywall® Professional-Package
	<b>Quick-release adaptor</b>	<b>1920209</b>	Set of 2	Heywall®
	<b>System bar extension</b>	<b>19520210</b>	Set of 2 length 140cm	Heywall®
	<b>Transparent film for dust protection</b>	<b>1250125</b>	4 x 10m, 100µm	Heywall®

Illustration	Accessory	Code	Description	Products
	<b>Adaptor 'A'</b>	<b>1110976</b>	150mm right	DCD-3.0 DCS-PV 3000 DCS-PF 1000 DCS-PF 1400 DCS-PF 3500
	<b>Adaptor 'B'</b>	<b>1110977</b>	150mm left	DCD-3.0 DCS-PV 3000 DCS-PF 1000 DCS-PF 1400 DCS-PF 3500
	<b>Adaptor 'C'</b>	<b>1110978</b>	300mm right	DCD-3.0 DCS-PV 3000 DCS-PF 1000 DCS-PF 1400 DCS-PF 3500
	<b>Adaptor 'D'</b>	<b>1110979</b>	300mm left	DCD-3.0 DCS-PV 3000 DCS-PF 1000 DCS-PF 1400 DCS-PF 3500
	<b>PVC-sheet 2 x L/B 200/68 cm</b>	<b>1110982</b>	For door widths up to 1130mm	DCD-3.0 DCS-PV 3000 DCS-PF 1000 DCS-PF 1400 DCS-PF 3500
	<b>PVC-sheet 2 x L/B 200/100 cm</b>	<b>1110981</b>	For door widths up to 1430mm	DCD-3.0 DCS-PV 3000 DCS-PF 1000 DCS-PF 1400 DCS-PF 3500

Illustration	Accessory	Code	Description	Products
	Flexible tube SP-T	6.100.001.200 6.100.001.202 6.100.001.212 6.100.001.214	425mm, 7.6m	TAC 1500 TAC 3000 TAC 5000 TAC 6500
	Overspray filter	7.160.000.416 7.160.000.432 7.160.000.452 7.160.000.479		TAC 1500 TAC 3000 TAC 5000 TAC 6500
	F7 bag filter	7.160.000.414 7.160.000.430 7.160.000.450 7.160.000.477		TAC 1500 TAC 3000 TAC 5000 TAC 6500
	G4 Z line filter	7.160.000.404 7.160.000.428 7.160.000.448 7.160.000.454		TAC 1500 TAC 3000 TAC 5000 TAC 6500
	H13 HEPA filter	7.160.000.424 7.160.000.431 7.160.000.451 7.160.000.478		TAC 1500 TAC 3000 TAC 5000 TAC 6500
	H14 HEPA filter	7.160.000.426 7.160.000.433 7.160.000.456 7.160.000.480		TAC 1500 TAC 3000 TAC 5000 TAC 6500
	F7 pleated filter cartridge	7.160.000.409 7.160.000.429 7.160.000.449 7.160.000.476		TAC 1500 TAC 3000 TAC 5000 TAC 6500
	G2 Air filter	7.710.000.393 7.710.000.394		AirgoPro 8 Airozon 10000
	Ozone warning sign	ZZ7000275		Airozon 10000 Airozon 20000 Airozon 60000 Airozon Supercracker Zerozon 200
	Ozone filter	7.710.000.396		Airozon Supercracker
	Filter mats	7.710.000.395		Airozon Supercracker

Illustration	Accessory	Code	Description	Products
	<b>G4 Z-Line filter</b>	<b>7.160.000.404</b>		Airozon 20000
	<b>F7 pleated filter cartridge</b>	<b>7.160.000.449</b>		Airozon 60000
	<b>Replacement filter</b>	<b>7.710.000.392</b>		Zerozon 200



DANTHERMGROUP

PROFESSIONAL PORTABLE  
**COOLING SOLUTIONS**

FOR AGRICULTURE, COMMERCIAL BUILDINGS, EVENTS, WAREHOUSES,  
FACTORIES AND RENTAL COMPANIES

**Dantherm**<sup>®</sup>  
CLIMATE SOLUTIONS

 **TROTEC**  
CLIMATE SOLUTIONS

 **MASTER**<sup>®</sup>  
CLIMATE SOLUTIONS



## CCX 4.0



**CCX 4.0**



**CCX 4.0 control panel**



- Attractive compact design
- Low installation, running and maintenance costs
- Remote control for easy operation
- Different settings and running features
- Handles to easily carry the unit
- Wheeled units with integrated water tank for multiple applications
- Long uninterrupted running time without the need to refill water
- Ionizer to improve air quality
- Low-noise level making it ideal for terraces

Specifications	Units	CCX 4.0
Cooling pad	dm <sup>3</sup>	40
Air flow	m <sup>3</sup> /h	4,000
Maximum area	m <sup>2</sup>	80
Power consumption	W	150
Power supply	V/Hz	230/1ph/50
Rated current	A	1.45
Fan speed		3
Outlet versions		Front
Water consumption	l/h	5-10
Tank capacity	l	50
Direct water connection	inch	Yes
Tank level control		Yes
Sound level	dB(A)	67
Product size (l x w x h)	mm	640 x 450 x 1160
Box size (l x w x h)	mm	650 x 550 x 1160
Weight (without/with water)	kg	22/72
Pallet	pcs	2



BC 80



- Easy to move on wheels – ideal for rental
- Flaps can swing automatically
- No installation required – connect to water hose or refill tank and enjoy cool air
- Eco-friendly: no compressor, no gas, very low energy and water consumption
- Ionizer to improve air quality – the cooler refreshes and cleans the air of fumes, dust and odours
- Remote control to easily find your ideal cooling modus
- Air filters to ease maintenance

Specifications	Units	BC 80
Cooling pad	dm <sup>3</sup>	70
Air flow	m <sup>3</sup> /h	8,000
Maximum area	m <sup>2</sup>	180
Power consumption	W	330
Power supply	V/Hz	230/1ph/50
Rated current	A	1.5
Fan speed		3
Outlet versions		Front
Water consumption	l/h	8
Tank capacity	l	100
Direct water connection	inch	½
Tank level control		Yes
Sound level	dB(A)	62
Product size (l x w x h)	mm	500 x 850 x 1410
Box size (l x w x h)	mm	520 x 870 x 1310
Weight (without/with water)	kg	32/132
Pallet	pcs	2

## Portable air coolers

# BC 121-BC 221

**MASTER**<sup>®</sup>  
CLIMATE SOLUTIONS



BC 121

PATENT



BC 221

PATENT



- Efficient and durable spot cooler for industrial applications
- Quiet running even with large air-flow
- Automatic swing function as standard
- Large water tank for longer operating hours
- Large, durable wheels with brakes allow easy movement
- Connect water hose or refill tank manually
- Corrosion-resistant plastic casing
- Air filter included to enable easy maintenance
- Remote control to easily adjust speed
- UV lamp, disinfecting the water (included)
- Water level indicator

### Optional accessories



**Winter cover**  
BC 121- **4250.414**  
BC 221- **4250.415**

Specifications	Units	BC 121	BC 221
Cooling pad	dm <sup>3</sup>	80	120
Air flow	m <sup>3</sup> /h	12,000	22,000
Loaded air flow	m <sup>3</sup> /h	8,000	15,000
Maximum area	m <sup>2</sup>	250	330
Power consumption	W	500	800
Power supply	V/Hz	220-240/1ph/50	220-240/1ph/50
Rated current	A	2.3	3.7
Water consumption	l/h	8-10	12-18
Tank capacity	l	60	120
Direct water connection	inch	½	½
Sound level	dB(A)	67	67
Product size (l x w x h)	mm	1050 x 600 x 1460	1230 x 640 x 1730
Box size (l x w x h)	mm	1120 x 680 x 1650	1300 x 720 x 1930
Net/gross weight	kg	50/55	64/69
Pallet	pcs	1	1



BC 341

PATENT



- Powerful air volume 30,000 m<sup>3</sup>/h to cool large working areas
- No installation, no duct work required
- Low running costs
- Easy to maintain
- Evaporative filter pads, blocking dirt
- UV lamp, disinfecting the water (included)
- Low energy consumption
- Applications: Workshops and warehouses, plastic, glass, assembly and painting plants, agriculture, greenhouses and aircraft hangars
- Tank level control

## Optional accessories



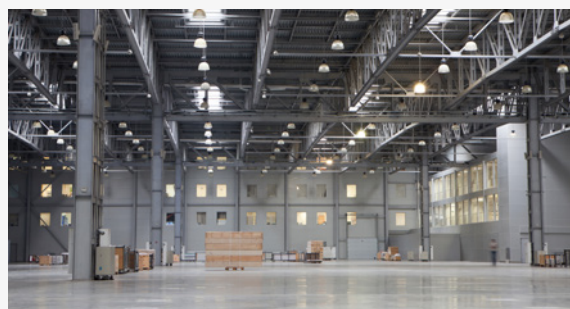
Winter cover  
BC 341- 4250.416

Specifications	Units	BC 341
Cooling pad	dm <sup>3</sup>	340
Air flow	m <sup>3</sup> /h	30,000
Loaded air flow	m <sup>3</sup> /h	23,000
Maximum area	m <sup>2</sup>	400
Power consumption	W	1,050
Power supply	V/Hz	220-240/1ph/50
Rated current	A	4.9
Water consumption	l/h	10-15
Tank capacity	l	200
Direct water connection	inch	½
Sound level	dB(A)	70
Product size (l x w x h)	mm	1690 x 920 x 1910
Pallet size (l x w x h)	mm	1000 x 1800 x 2100
Net/gross weight	kg	130/140
Pallet	pcs	1



**BC 451**

PATENT



- Powerful air volume 38,000 m<sup>3</sup>/h to cool large working areas
- No installation, no duct work required
- Low running costs
- Easy to maintain
- Evaporative filter pads, blocking dirt
- UV lamp, disinfecting the water (included)
- Low energy consumption
- Applications: Workshops and warehouses, plastic, glass, assembly and painting plants, agriculture, greenhouses and aircraft hangars
- Tank level control

Specifications	Units	BC 451
Cooling pad	dm <sup>3</sup>	400
Air flow	m <sup>3</sup> /h	38,000
Loaded air flow	m <sup>3</sup> /h	29,000
Maximum area	m <sup>2</sup>	520
Power consumption	W	1,300
Power supply	V/Hz	120-230/50-60
Rated current	A	4-8
Water consumption	l/h	12-18
Tank capacity	l	300
Direct water connection	inch	½
Tank level control		Included
Sound level (max.)	dB(A)	80
Product size (l x w x h)	mm	2250 x 1100 x 1900
Box size (l x w x h)	mm	2400 x 1200 x 2000
Net/gross weight	kg	180/200
Pallet	pcs	1



## BCB 19



BCB controller

BCB 19

- Axial fan with optional ducting for cool air
- Made of robust UV resistant plastic
- Easy to move – functional wheels
- Diffuser on top – upper exit
- LCD remote control with 7.5m cable
- Infrared remote control
- 12-speed fan, adjustable to create ideal climate
- Long-life cooling pads
- Automatic: self-cleaning, self-draining, self-drying when the cooler is inactive
- External filter included to protect against dust and dirt from the environment
- Prevention system against Legionella, algae, fungus, etc.
- Ideal for well-ventilated spaces like party and event tents
- Plug-and-play principle, connect water and enjoy cool air
- Ideal for rental purposes
- Very low energy consumption

Specifications	Units	BCB 19
Cooling pad	dm <sup>3</sup>	220
Cooling pad	cm	79 x 70 x 10
Air flow	m <sup>3</sup> /h	18,000
Maximum air pressure	Pa	200
Maximum area	m <sup>2</sup>	250
Power consumption	W	1.1
Power supply	V/Hz	230/1ph/50
Air exit		Top
Fan type		Axial
Fan speed		12
Protection		IP44
Water consumption	l/h	10-15
Tank capacity	l	250
Sound level	dB(A)	66
Water input/drain	inch	½ and 1
Dimensions air exit	cm	64 x 45
Product size (l x w x h)	mm	1100 x 1100 x 1850
Box size (l x w x h)	mm	1150 x 1150 x 2000
Net/gross weight	kg	75/85
Pallet	pcs	1

**ACD 137****ACD 137**

PATENT

- High capacity air-conditioning cold air: 24,000 BTU/h (equal to 7.1kW) with just 1.98kW electrical supply
- High capacity dehumidifying dry air: 130 l/day water collection with just 1.98kW electrical supply
- Ducting connections
- Powerful and quiet fans
- Compact, lightweight and easy to install
- Heavy-duty casters
- Ideal for emergency and temporary solutions – quick deployment for tents and mobile hospitals
- Portable spot air-conditioning for a wide range of applications like workshops, data centres, offices, retail

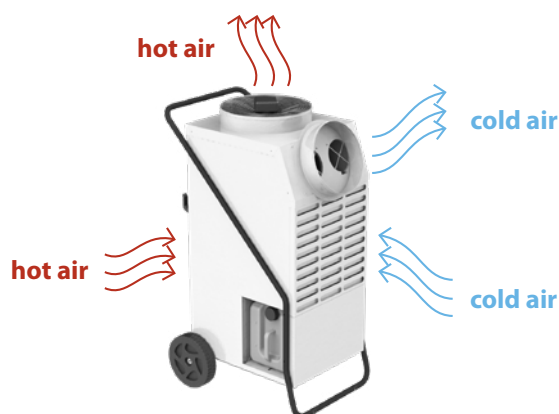
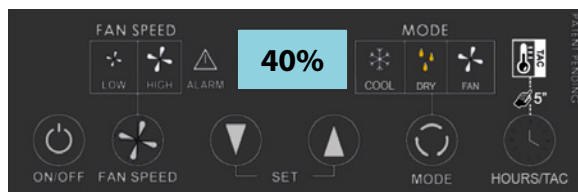
**Included in the box****Twin adjustable hoses****Fix connector for flex tube****Optional accessories****Flex tube for cold air**  
Ø305mm, 3m, PVC  
**4515.572****Flex tube for cold air**  
Ø305mm, 3m, insulated  
**4515.370**  
Ø305mm, 7.6m, nylon  
**4515.360****Thermostat TAC for cooling - 4250.318****Air inlet plenum**  
Ø300mm – **4250.319**

Specifications	Units	ACD 137
Cooling capacity (28°C/55% RH)	kW	7.1
	Btu/h	24,000
Drying capacity (30°C/80% RH)	l/24h	130
Air flow	m³/h	1,020/800
Operating temperature range	°C	10-42
Nominal power supply (28°C/55%)	W	1980
Nominal current (28°C/55%)	A	10
Max. current	A	14
Power supply	V/Hz	220-240/1ph/50
Sound level	dB(A)	55
Refrigerant		R1234YF A2L
Hot air outlet	mm	400
Cold air outlet (2-ways, standard)	mm	2 x 135
Cold air outlet (1-way)	mm	300
Product size (l x w x h) with handle	mm	790 x 620 x 1326
Box size (l x w x h)	mm	580 x 700 x 1500
Weight	kg	98

## ACD 137

ACD 137 is an innovative portable device with multiple use:

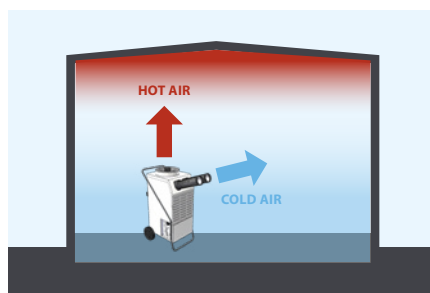
- Air-conditioner cold air: 7.1 kW. Electric supply just 1.98 ②③
- Air dehumidifier dry air: 130 l/day water collection
- Fan air ventilation



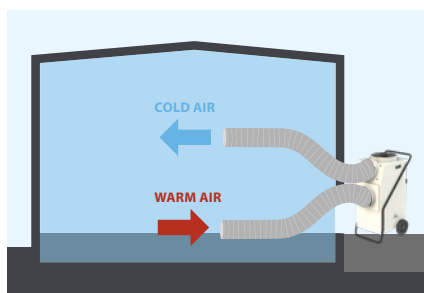
The control panel allows to select three modes:

- Air-conditioner (cooling mode)
- Air dryer (drying mode)
- Air ventilation (fan mode)

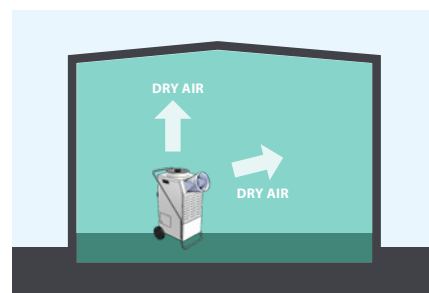
Cold and hot air circulate on the same side of ACD 137. This solution increases the efficiency of the cooling.



**SPOT COOLING.** Placed into a room the cold air is blown towards the target (for example an electronic device that needs cooling down) and the hot air is blown upwards.



**ROOM COOLING.** The ACD 137 is placed outside a small room. The air is recirculated. The TAC room thermostat is placed inside the room to control the temperature.



**ROOM DRYING.** With the ACD 137 placed inside the room the dry air is blown around the room. The humidity removed from the air is collected into a tank.

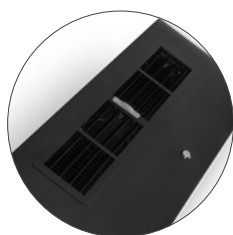


**AC 7000**

- Sturdy metal construction
- High-efficiency cooling circuit
- Can be installed without prior training
- Quick-connect cooling line connectors
- Indoor unit with step-less variable fan speed and adjustable grille
- Up to 30 metre installation distance between indoor and outdoor units
- Slim water and glycol hose connection eliminates need for large air ducts

The AC 7000 absorbs the heat into a refrigerant cooling system. From there, the heat is transferred to the self-containing chilled water/glycol system. It is then pumped through to the outdoor unit where the water is cooled and the heat dissipates.

The indoor unit is connected to the outdoor unit via two 22mm quick-connect, self-sealing flexible hoses. These hoses are supplied in 5m or 15m lengths and can be connected to a maximum length of 30m.

**Control panel****Additional ventilation functions**

Specifications	Units	AC 7000
Cooling capacity at 25°C	kW	6.5
Cooling capacity at 25°C	Btu/h	22,178
Max. cooling capacity	kW	7
Max. cooling capacity	Btu/h	23,884
Air flow rate level min.	m³/h	800
Air flow rate level max.	m³/h	1500
Outdoor operating temperatures (min)	°C	-50
Mains connection	V/Hz	230/1ph/50
Power input	W	2950
Nominal current consumption	A	9
Recommended fusing	A	13
Compressor refrigerant	-	R454C
Compression GWP factor		148
Product size (l x w x h)	mm	400 x 880 x 1025
Weight	kg	114



DANTHERMGROUP



PROFESSIONAL PORTABLE

## VENTILATION SOLUTIONS

FOR EVENTS, FESTIVALS, CONSTRUCTION, BUILDINGS, AGRICULTURE,  
WATER DAMAGE RESTORATION, PRODUCTION AND RENTAL COMPANIES

 **TROTEC**  
CLIMATE SOLUTIONS

 **MASTER**  
CLIMATE SOLUTIONS



**FD 4000****Floor****Wall****Carpet****Ceiling****For supporting a dryer****For cooling/ventilation of rooms**

- 6 functions in one device: carpet dryer, wall dryer, ceiling dryer, floor dryer, power fans for cooling/ventilating rooms and a combifan to support the drying process with a construction dryer
- Fast removal of moisture from walls, ceilings and floors
- Handy and easy to transport
- Extremely low energy consumption
- Infinitely controllable air flow rate
- Robust plastic housing, extremely durable
- High quality TPI ball bearing
- Calibrated MID energy metre (kWh)
- An effective solution in combination with building dryers for moisture damage restoration

By combining the dehumidifier and fan, the drying process can be reduced by up to 50%!

Specifications	Units	FD 4000
Air flow	m <sup>3</sup> /h	3,687
Max. air pressure	Pa	113
Fan	type	Axial
Fan speed		Variable
Power consumption	W	194
Power supply	V/Hz	230/1ph/50
Protection class		IP44
Product size (l x w x h)	mm	665 x 520 x 500
Box size (l x w x h)	mm	540 x 670 x 580
Net/gross weight	kg	13.5/15
Pallet	pcs	12

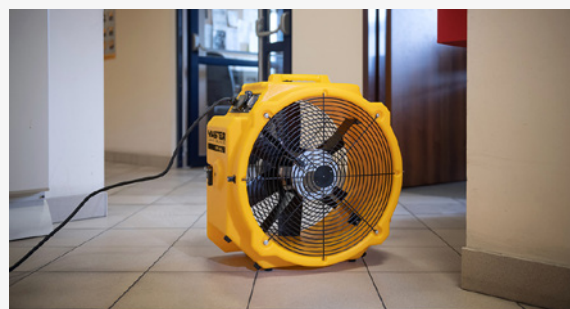


DFX 20



Control panel including  
hour counter, extra power  
socket, 2-speed switch

Two connected units  
increase the air pressure –  
this allows more than one  
flex tube to be connected  
to ventilate over longer  
distances.



- Robust, plastic rotomoulded casing
- Easy to use and transport
- High air flow
- Axial fan
- 2 speeds
- Ductable
- Stackable: with 2 rubber straps to lock the units one to another

#### Optional accessories



PVC flex tubes 7.6m  
Ø508mm - 4031.403

Specifications	Units	DFX 20
Air flow	m <sup>3</sup> /h	5,430/6,450
Max. air pressure	Pa	225
Fan	type	Axial
Fan speed		2
Power consumption	W	195/285
Power supply	V/Hz	220-240/1ph/50
Outlet diameter	cm	40
Air current		Blow out
Protection		IP44
Product size (l x w x h)	mm	525 x 320 x 550
Box size (l x w x h)	mm	550 x 365 x 570
Net/gross weight	kg	12.6/14
Pallet	pcs	12



- Adjustable air stream
- 360° rotation
- DF 20 has vertical and horizontal 360° rotation
- DF 20 can be hung on walls or ceilings
- Metal, powder coated casing
- Each model has different types of air distribution



Specifications	Units	DF 20	DF 30	DF 36
Air flow	m <sup>3</sup> /h	3,600/4,800/6,600	9,180/10,200	11,800/13,200
Fan	type	Axial	Axial	Axial
Outlet diameter	cm	55	81.5	95.5
Fan speed		3	2	2
Power consumption	W	98/100/107	280/315	392/412
Power supply	V/Hz	220-240/1ph/50	220-240/1ph/50	220-240/1ph/50
Protection		IP44	IP44	IP20
Product size (l x w x h)	mm	690 x 200 x 675	910 x 350 x 935	1030 x 380 x 1100
Box size (l x w x h)	mm	700 x 210 x 685	935 x 365 x 955	1050 x 390 x 1110
Net/gross weight	kg	9/11.5	32/36	41/45.1
Pallet	pcs	18	6	4



DFB 16



- Light and compact
- Metal housing
- Quiet running
- 220° head rotation
- Variable speed
- Power cord included
- Can be battery-powered, compatible with MCS 14.4 V battery

Optional accessories



**6Ah Master lithium battery pack:**  
4 hours run-time. More than 1000 recharges.  
**4260.268**



**Master battery pack charger**  
**4260.270**

Specifications	Units	DFB 16
Air flow	m <sup>3</sup> /h	1,200
Fan	type	Axial
Outlet diameter	cm	40
Fan speed	rpm	600-1300
Power consumption	W	21
Power supply	V	110-240
Frequency	Hz	50-60
Product size (l x w x h)	mm	520 x 264 x 513
Box size (l x w x h)	mm	540 x 295 x 485
Net/gross weight	kg	6.3/7
Pallet	pcs	16



**TTV 7000**

- High-performance and robust axial fan
- Built for use in tough working conditions
- IP55-rated ('splashproof')
- Stackable design for compact transport and storage
- Optional flexible duct and dust bag available

**Optional accessories**
**Dust bag**  
 5m - **7.160.000.112**

**Flex tube adaptor**  
 1 x 550mm  
**6.100.005.020**

**Flex tube SP-T**  
 560mm, 7.6m  
**6.100.001.217**

**Pro extension**  
**2-pin cable**  
 20m/230 V/2.5mm<sup>2</sup> -  
**7.333.000.376**

**Universal tension belt**  
**6.100.001.995**

Specifications	Units	TTV 7000
Air flow	m <sup>3</sup> /h	3,800/5,600/8,500
Air discharge velocity	km/h	39.6
Air pressure max.	Pa	100
Max. transport medium temperature	°C	45
Power supply	V/Hz	230/1ph/50
Power input	kW	0.41
Fan		Axial
Protection class		IP55
Sound level @3m	dB(A)	58
Hose connector	Ømm	560
Product size (l x w x h)	mm	365 x 620 x 620
Weight	Kg	18.5



**FS 75**

- Industrial fan
- Very stable and robust
- Made of metal
- High air flow
- Easy installation
- Chromed grill
- 1.8m power cord
- 2 fan speeds
- Cast iron base, cross shape
- Designed for use in public places like restaurants, bars, at events, workshops, and in production halls

Specifications	Units	FS 75
Air flow	m <sup>3</sup> /h	13,140
Fan	type	Axial
Outlet diameter	cm	75
Fan speed		2
Power consumption	W	123
Sound level	dB(A)	80
Power supply	V/Hz	220-240/1ph/50
Product size (l x w x h)	mm	800 x 665 x 1445-1610
Box size (l x w x h)	mm	835 x 185 x 1035
Net/gross weight	kg	19.5/26.5
Pallet	pcs	12

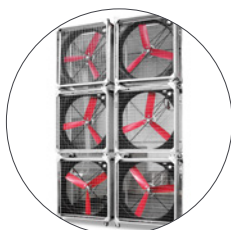
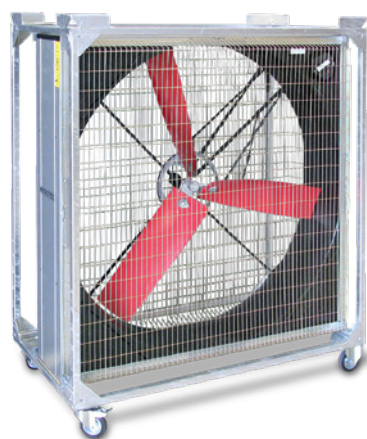


**TTW 100000**  
**TTW 100000 Ex**  
**TTW 400000**



- Extremely robust construction, ideal for rental use
- Continuously adjustable inclination angle of air flow
- Infinitely variable air volume
- IP55-rated ('splashproof')
- Lockable cabinet for secure operation and storage
- Available as explosion-proof version (TTW 100000 EX)

Specifications	Units	TTW 100000	TTW 100000 Ex	TTW 400000
Air volume freely blowing max.	m³/h	109,000	109,000	432,000
Air current		blowing out	blowing out	blowing out
Air discharge speed	km/h	24.6/88.56	24.6/88.56	28/100.8
Discharge distance outside/inside	m	120/400	120/400	140/500
Fan stages		infinitely variable	infinitely variable	infinitely variable
Air pressure max.	Pa	600	600	500
Max. transport medium temperature	°C	40	40	40
Power supply	V/Hz	400/50	400/50	400/50
Power input	kW	22	22	90
Necessary fuse	A	63	63	200 (direct connection)
Protection class		IP55	IP55	IP55
Explosion protection		-	ATEX zone 2 (Ex II 3 G), T4	-
Sound level @3m	dB(A)	88	88	92
Product size (l x w x h)	mm	1830 x 1620 x 2180	1830 x 1620 x 2180	2200 x 3000 x 2725
Weight	kg	790	790	2,225



- High-performance and robust axial fan
- Ideal for industrial and rental use as well as in the entertainment industry
- Built for continuous operation in tough environments
- High air circulation capacity
- Can be stacked for storage and operational purposes
- Easy handling – change location quickly thanks to wheels

**TTW 20000****TTW 45000**

Specifications	Units	TTW 20000	TTW 45000
Air flow rate max.	m <sup>3</sup> /h	0 - 20,000	45,600
Air discharge velocity	km/h	31,68	34.56
Air pressure max.	Pa	110	70
Max. transport medium temperature	°C	45	40
Power supply	V/Hz	230/1ph/50	400/3ph/50
Power input	kW	0.7	1.5
Fan		Axial	Axial
Protection class		IP55	IP55
Sound level @3m	dB(A)	50-80	65
Product size (l x w x h)	mm	1070 x 600 x 1300	1395 x 720 x 1625
Weight	kg	52	88



**TFV 100**  
**TFV 300**  
**TFV 600**  
**TFV 900**  
**TFV 1200**



- High-performance and robust radial fan
- Ideal for restoration, drainage and welding work
- Endures very dusty surroundings
- Connectable to intake and exhaust ducts
- Stable characteristics and constantly high pressure

#### Optional accessories



##### Frame

TFV 100-100 Ex  
**1.510.002.011**  
 TFV 300-300 Ex  
**1.510.002.031**  
 TFV 600-600 Ex  
**1.510.002.041**  
 TFV 900-900 Ex  
**1.510.002.051**  
 TFV 1200  
**1.510.002.071**



##### Flex tube SP-T (blow-out side)

305mm, 7.6 m  
**6.100.001.205**  
 457mm, 7.6 m  
**6.100.001.214**  
 525mm, 7.6 m  
**6.100.001.216**  
 700mm, 7.6 m  
**6.100.001.220**



##### Flex tube SP-T (suction side)

305mm, 7.6m  
**6.100.001.205**  
 525mm, 7.6m  
**6.100.001.216**  
 700mm, 7.6m  
**6.100.001.220**



##### Pro extension

**2-pin cable**  
 20m/230 V/2.5mm<sup>2</sup> -  
**7.333.000.376**  
**Pro extension**  
**5-pin cable**  
 20m/400 V/2.5mm<sup>2</sup>  
**-7.333.000.374**



##### SP connector nozzles

305mm - **6.100.001.915**  
 500mm - **6.100.001.935**

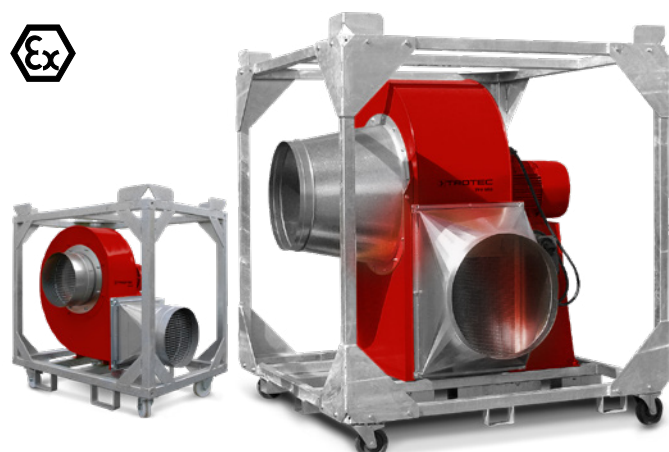


##### Universal tension belt

**6.100.001.995**

Specifications	Units	TFV 100	TFV 300	TFV 600	TFV 900	TFV 1200
Air volume freely blowing max.	m <sup>3</sup> /h	4,000	7,000	16,000	33,600	54,000
Air current		blowing out sucking in	blowing out sucking in	blowing out sucking in	blowing out sucking in	blowing out
Air discharge speed	m/s (km/h)	17/61.2	27/97.2	28/100.8	34/122.4	38/136.8
Fan stages		1	1	1	1	Infinitely variable
Protection class		IP55	IP55	IP55	IP55	IP55
Air pressure max.	Pa	2,080	2,800	4,900	2,150	2,650
Max. transport medium temperature	°C	80	80	80	80	80
Power supply	V/Hz	400/50	400/50	400/50	400/50	400/50
Power input	kW	2.2	4	18,5	18,5	37
Necessary fuse	A	10	16	32	32	80
Sound level @3m	dB(A)	81.5	71	78	76	100
Product size (l x w x h)	mm	960 x 560 x 750	1000 x 700 x 830	1305 x 1250 x 1170	1680 x 1810 x 1680	1900 x 1400 x 1800
Weight	kg	120	150	233	450	750





**TFV 100**  
**TFV 300**  
**TFV 600**  
**TFV 900**



- Robust high-quality radial fan
- Explosion group II, category 3G, temperature class 4
- Fan motor is placed outside of the main air current
- Connectable to intake and exhaust ducts
- Stable characteristics and constantly high pressure
- Optionally available for explosion group II, category 2G (zone 1), category 2D (zone 21) and category 3D (zone 2)

#### Optional accessories



##### Frame

TFV 100-100 Ex  
**1.510.002.011**  
TFV 300-300 Ex  
**1.510.002.031**  
TFV 600-600 Ex  
**1.510.002.041**  
TFV 900-900 Ex  
**1.510.002.051**



##### Adaptor coupling

**16A Ex**  
TFV 100 Ex - 300 Ex  
**6.100.005.210**  
**63 A Ex**  
TFV 600 Ex, TFV 900 Ex  
**6.100.005.220**



##### SP-AV Hose

305mm, 7.6m, antistatic  
**6.100.001.460**  
460mm, 7.6m, antistatic  
**6.100.001.470**  
650mm, 7.6m, anti-static  
**6.100.001.480**

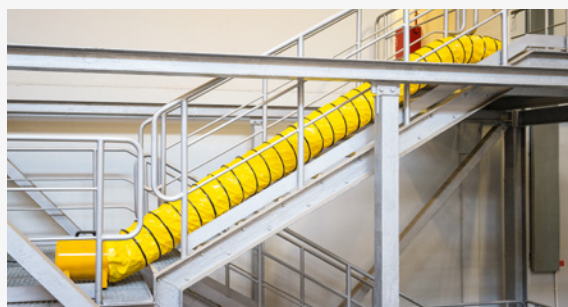


##### SP-AP Hose,

305mm, 7.6m, antistatic  
**6.100.001.410**  
460mm, 7.6m, antistatic  
**6.100.001.420**  
650mm, 7.6m, antistatic  
**6.100.001.430**

Specifications	Units	TFV 100 Ex	TFV 300 Ex	TFV 600 Ex	TFV 900 Ex
Air volume freely blowing max.	m³/h	4,000	7,000	16,000	33,600
Air flow		blowing out sucking in	blowing out sucking in	blowing out sucking in	blowing out sucking in
Air discharge speed	m/s (km/h)	17/61.2	27/97.2	28/100.8	34/122.4
Fan stages		1	1	1	1
Air pressure max.	Pa	2,080	2,800	4,900	2,150
Max. transport medium temperature	°C	60	60	80	80
Power supply	V/Hz	400/50	400/50	400/50	400/50
Power input	kW	2.2	4	18,5	18,5
Necessary fuse	A	10	16	32	32
Explosion protection		2/ II3G, T4	2/ II3G, T4	2/ II3G, T4	2/ II3G, T4
Type of protection		IP55	IP55	IP55	IP55
Sound level @3m	dB(A)	81.5	71	78	76
Product size (l x w x h)	mm	960 x 560 x 750	1000 x 700 x 830	1305 x 1250 x 1170	1770 x 1200 x 1650
Weight	kg	120	150	233	450



**BLM 4800****BLM 6800**

- Robust and durable construction
- Metal casing
- Easy to use and transport
- High air flow
- Motor with thermal protection
- Possibility to connect flexible tubes on inlet and outlet side

#### Optional accessories



**PVC flex tubes 7.6m**  
 BLM 4800 - Ø250mm - **4515.559**  
 BLM 6800 - Ø340mm - **4515.560**



**Dust bag -**  
 3m length  
 BLM 4800 - **4515.540**  
 BLM 6800 - **4515.541**  
 Dust bag filtration level - EPA 10

Specifications	Units	BLM 4800	BLM 6800
Air flow	m <sup>3</sup> /h	1,500	3,900
Max. air pressure	Pa	245	373
Fan	type	Axial	Axial
Fan speed		1	1
Power consumption	W	230	350
Power supply	V/Hz	220-240/1ph/50	220-240/1ph/50
Outlet diameter	Ømm	230	320
Inlet diameter	Ømm	250	340
Air current		Blow out/suction	Blow out/suction
Protection		IP44	IP44
Product size (l x w x h)	mm	250 x 305 x 230	343 x 383 x 317
Box size (l x w x h)	mm	265 x 335 x 350	365 x 405 x 340
Net/gross weight	kg	6.4/8	9.5/10.5
Pallet	pcs	40	24



**BL 4800**  
**BL 6800**



**BL 8800**



- Robust and durable construction
- Easy to use and transport
- High air flow
- Possibility to connect flexible ducts
- Rotomoulded casing

#### Optional accessories



**PVC flex tubes 7.6m**  
BL 4800 - Ø210mm -  
**4160.251**  
BL 6800 - Ø305mm -  
**4031.406**  
BL 8800 - Ø407mm -  
**4031.402**



**Dust bag -**  
3m length  
BL 4800 - **4515.540**  
BL 6800 - **4515.541**  
BL 8800 - **4515.542**  
Dust bag filtration  
level - EPA 10

Specifications	Units	BL 4800	BL 6800	BL 8800
Air flow	m <sup>3</sup> /h	750	3,900	7,800
Max. air pressure	Pa	245	388	496
Fan	type	Axial	Axial	Axial
Fan speed		1	1	1
Power consumption	W	250	750	750
Power supply	V/Hz	220-240/1ph/50	220-240/1ph/50	220-240/1ph/50
Outlet diameter	Ømm	200	300	400
Air current		Blow out/suction	Blow out/suction	Blow out/suction
Protection		IP44	IP44	IP44
Product size (l x w x h)	mm	340 x 250 x 370	470 x 370 x 520	510 x 530 x 580
Box size (l x w x h)	mm	370 x 270 x 390	510 x 400 x 525	560 x 550 x 600
Net/gross weight	kg	7.2/7.7	14.7/15.9	19/20
Pallet	pcs	40	16	6

## BL 4800-6800-8800

Dust bags for Master professional blowers are used to clean the air. In the air filtration process, the dust bag separates the solid particles, e.g. dust from the stream of flowing air and stops them on the surface.

Master dust bags have been designed to remove fine dust particles. They can be used during light and medium construction and renovation works,

Such as:

- Cutting wall
- Polishing walls and floors
- Polishing terracotta or glaze

And also in:

- Workshops
- Production halls with dust pollution
- Warehouses

Master dust bags are made from a special polyester material for air filters.

The dust bag filtration level EPA 10 (Efficiency Particulate Air Filter) guarantees a high level of efficiency and air filtration.

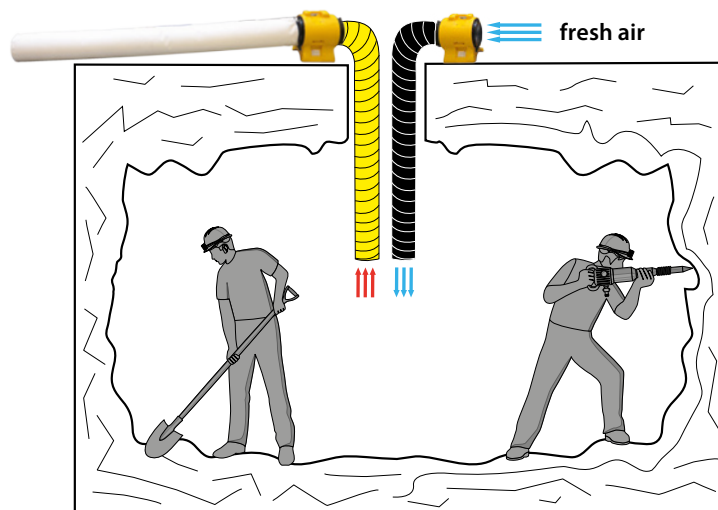
Length of dust bags – 3m.



BL 4800, BLM 4800 - Ø203mm - **4515.540**

BL 6800, BLM 6800 - Ø305mm - **4515.541**

BL 8800 - Ø407mm - **4515.542**



**Example: underground works – fresh air is blown in, used air is blown out and filtered.**



**POWERVENT  
1500****POWERVENT  
3000**

- For ventilation of shafts, drying cavities after water damage, extraction during welding work in containers
- Quick to set up
- Easy connection of the hose on the outlet side or inlet side
- Stackable for space saving storage
- High protection class of the electric box (IP44) – thus particularly well suited for harsh outdoor use and on construction sites
- High compression
- Lightweight, quiet and compact

Specifications	Units	POWERVENT 1500	POWERVENT 3000
Air flow	m <sup>3</sup> /h	1,162	3,102
Max. air pressure	Pa	266	501
Fan	type	Axial	Axial
Blower stages		1	1
Power consumption	W	164	620
Power supply	V/Hz	230/1ph/50	230/1ph/50
Outlet size	Ømm	205	305
Protection class		IP44	IP44
Product size (l x w x h)	mm	380 x 310 x 350	520 x 400 x 530
Box size (l x w x h)	mm	350 x 400 x 380	440 x 570 x 540
Net/gross weight	kg	8/9,5	17,5/20
Pallet	pcs	24	12



## Optional accessories



**Duct canister**  
incl. duct, length, 7.6m  
Ø205mm -  
PowerVent 1500 -  
**1250215**



**Flex tube**  
7.6m, incl. fastening  
strap Ø205mm-  
PowerVent 1500 -  
**4515.390**  
Ø305mm - PowerVent  
3000 - **4515.391**



**Connecting sleeve**  
Ø305mm - PowerVent  
3000 - **1250203**



**Closure strap universal**  
PowerVent 3000 -  
**1670001**



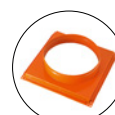
**Dust bag (M-class),**  
3.5m, Ø305mm  
- PowerVent 3000 -  
**1250060**



**Fastening clamp for  
dust bag**  
Ø305mm - PowerVent  
3000 - **1250096**



**Filter box 3000 -**  
PowerVent 3000 -  
**1200039**  
**Filter box PLUS**  
- **1200047**



**Duct connection**  
adaptor for filter box  
Ø205mm- PowerVent  
3000 - **1200048**  
Ø305mm- PowerVent  
3000 - **1200049**



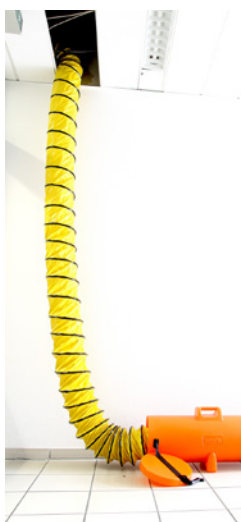
**3-way outlet**  
3 x 100mm - PowerVent  
3000 - **1200015**



**Reduction from**  
305mm to 205mm -  
PowerVent 3000 -  
**1200016**



**PowerVent 1500: Optional duct canister  
for double-sided duct connection**





# HEYLO POWERVENT 6000-12000



**POWERVENT  
6000**



**POWERVENT  
12000**

## Practical hose adaptor for the PowerVent 6000



**5-way air outlet**



**2-way air outlet**



- Fast drying and ventilation of large objects such as buildings, shafts and tunnels
- Used in civil engineering and industry
- High air compression for long hoses. The air can also be transported over long distances and under high back pressure
- Easy to transport thanks to practical 2-man transport handles (PowerVent 12000)
- Connecting different distributors enables ventilation to take place in an even more targeted way via several hoses (PowerVent 6000)
- Robust housing
- M class dust bag can be connected (PowerVent 6000)

Specifications	Units	POWERVENT 6000	POWERVENT 12000
Air flow	m <sup>3</sup> /h	5,410	10,550
Max. air pressure	Pa	377	744
Fan	type	Axial	Axial
Blower stages		1	1
Power consumption	W	910	3700
Power supply	V/Hz	230/1ph/50	400/3ph/50
Outlet size	Ømm	420	550
Product size (l x w x h)	mm	615 x 515 x 500	655 x 640 x 720
Protection class		IP44	IP44
Box size (l x w x h)	mm	520 x 550 x 620	730 x 740 x 870
Net/gross weight	kg	18.3/20,5	57/82
Pallet	pcs	12	2

## Optional accessories



**Flex tube**  
7.6m, Ø570mm -  
PV 12000 - **1250049**



**Flex tube**  
grey 7.6m, incl. fixing  
strap - Ø420mm -  
PV 6000 - **4515.392**  
Ø205mm - **4515.390**



**Connecting sleeve**  
Ø420mm- PV 6000 -  
**1250204**  
Ø570mm - PV 12000 -  
**1250209**



**Closure strap universal**  
**1670001**



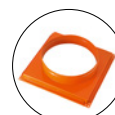
**Dust bag**  
M-class, 4m, Ø420mm -  
PV 6000 - **1250062**



**Fixing clamp for dust  
bag**  
Ø420mm- PV 6000 -  
**1250140**



**Filter box 6000**  
**1200066**



**Duct connection  
adaptor**  
for filter box 6000,  
Ø420mm - **1200068**



**5-way air outlet**  
5 x Ø100mm- PV 6000 -  
**1200017**



**Reduction**  
305mm - PV 6000 -  
**1200019**



**2-way air outlet**  
2 x Ø205mm - PV 6000 -  
**1200018**



**Duct connection  
adaptor**  
for filter box 6000,  
2 x Ø205mm - **1200098**

# EFI 75XX & UB 20XX



UB 20xx



EFi 75xx



- ATEX explosion-proof ventilator
- For harsh working conditions
- PC/ABS antistatic casing, weatherproof, flame retardant and chemical resistant
- High air flow
- Easy transport with comfortable handle
- Possibility to connect a flex tube
- Effective protection against dust and water
- Safely blow or exhaust hazardous gases with minimal risk of the fan causing a spark
- Atex certification: II 2 G Ex db eb IIB T6 Gb, II 2 G Ex IIB T6 Gb, Zone 1+2

## Optional accessories



**Flex tube**  
antistatic, 7.6m  
UB 20xx - Ø230mm -  
**1250099**  
EFi 75xx - Ø305mm -  
**1250066**



**Power cable adaptor**  
1.5m  
UB 20xx, EFi 75xx -  
**1450290**



**Duct canister antistatic incl. duct**  
7.6m, Ø205mm -  
UB 20xx - **1250211**

Specifications	Units	UB 20xx	EFi 75xx
Air flow	m³/h	1,392	4,250
Max. air pressure	Pa	195	314
Fan	type	Axial	Axial
Fan speed		1	1
Power consumption	W	250	560
Power supply	V/Hz	230/1ph/50	220-240/1ph/50-60
Sound level	dB(A)	74	89
Flex tube diameter	mm	205	305
Protection		IP55	IP55
Product size (l x w x h)	mm	330 x 305 x 355	406 x 381 x 406
Box size (l x w x h)	mm	450 x 400 x 530	450 x 500 x 520
Net/gross weight	kg	8.2/15	20
Pallet	pcs	8	6


**POWERVENT  
1500 Z1**
**Accessories included**

**Duct canister with earthing clamp  
2003404**

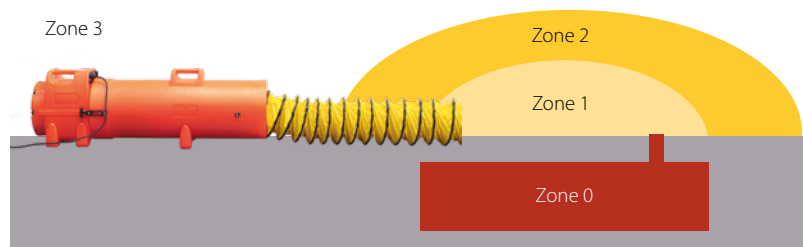

- Combination of fan and earthed canister for ventilation of areas in zone 1 - unit is located outside the explosive area
- Housing and motor sealing provides effective protection against dust and water
- Lightweight, compact, quiet
- Easy to set up, quick to transport
- Only approved with Z1 hose canister

**Installation of the PowerVent 1500 Z1  
in potentially explosive atmospheres**

Make sure the installation area has been checked for potential hazardous conditions!

The blower may only be operated in zone 3!

The duct canister may be routed through zone 2 into zone 1!



Specifications	Units	POWERVENT 1500 Z1
Air flow	m <sup>3</sup> /h	1,162
Max. air pressure	Pa	266
Fan	type	Axial
Fan speed		1
Power consumption	W	164
Power supply	V/Hz	230/1ph/50
Outlet size	Ømm	205
Protection class		IP44
Product size (l x w x h)	mm	380 x 310 x 350
Box size (l x w x h)	mm	350 x 400 x 380
Weight	kg	8
Pallet	pcs	24

**TD 300****TD 2400**

- Precise drying possible by connecting three hoses (Heylo TD 2400)
- Powerful motor
- Can be set up in several positions (0°, 45° or 90°)
- Very easy to service, light and stackable
- Smooth running metal impeller
- Overcurrent protection in case of overload for more safety
- Incl. duct adaptor (Heylo TD 2400)
- Versatile with three fan speeds (Heylo TD 2400)
- Radial fan (Heylo TD 2400) with SKF ball bearings for long service life
- Calibrated MID energy metre (kWh)
- Flat diffuser

### Optional accessories


**Flex tube**  
 Ø102mm, 10m -  
**1250074**

**Replacement**  
**3-fold adaptor for**  
**duct connection -**  
**1250089**

Specifications	Units	TD 300	TD 2400
Air flow	m <sup>3</sup> /h	437	1,860
Max. air pressure	Pa	120	398
Fan	type	Radial	Radial
Fan speed		1	3
Power consumption	W	76	680
Power supply	V/Hz	230/1ph/50	230/1ph/50
Protection class		IP22	IP22
Product size (l x w x h)	mm	280 x 250 x 300	480 x 430 x 480
Box size (l x w x h)	mm	290 x 300 x 330	470 x 500 x 480
Weight	kg	3.2	14.5
Pallet	pcs	60	16



**CD 5000****CDX 20**

- Flat diffuser
- Robust and durable construction
- Easy to use and transport
- Equipped with an additional socket for series connection (CD 5000)
- Stackable (CDX 20)
- Comfortable handles

**3 possible working positions****CDX 20 flat diffuser****CDX 20 small foot for better floor installation****CDX 20 control panel, hour counter**

Specifications	Units	CD 5000	CDX 20
Air flow	m <sup>3</sup> /h	2,640	1,270/1,610
Max. air pressure	Pa	500	265
Fan	type	Centrifugal	Radial
Fan speed		3	2
Power consumption	W	384/452/550	161/179
Power supply	V/Hz	220-240/1ph/50	220-240/1ph/50
Outlet diameter	cm	12 x 42	10 x 40
Air current		Blow out	Blow out
Protection		IP44	IP44
Product size (l x w x h)	mm	510 x 420 x 480	520 x 425 x 215
Box size (l x w x h)	mm	520 x 430 x 500	550 x 435 x 230
Net/gross weight	kg	14.2/15.5	7.8/9
Pallet	pcs	16	28



**E36202**  
**E48202**  
**E56002**  
**E60002**

## Winter destratification

The hot air flows upstream. The Master ceiling fan pushes heat back down to the floor. The resulting energy saving is about 30%.

## Summer ventilation

The Master ceiling fan creates an air flow which helps moisture evaporate from the skin, with an improvement of about 4°C on the perceived temperature. The fan supports the air-conditioning allowing the air to feel 23°C even when the thermostat shows 27°.

It is perfect for humid environments and eliminates mould and dust.



- The most powerful ceiling fans available on the market
- Working area up to 14 metres
- Heavy duty construction for many years of hassle-free use
- The aerodynamic shape moves large volumes of air
- Balanced motor and blades for vibration-free operation
- The motor is protected from thermal overload as it is equipped with thermal protection and automatic reset
- Can work in harsh professional conditions

## Optional accessories



**Speed regulator for**  
2 fans RVS 2.5A - **4800.018**  
5 fans RVS 5A - **4800.019**  
10 fans RVS 10A - **4800.020**

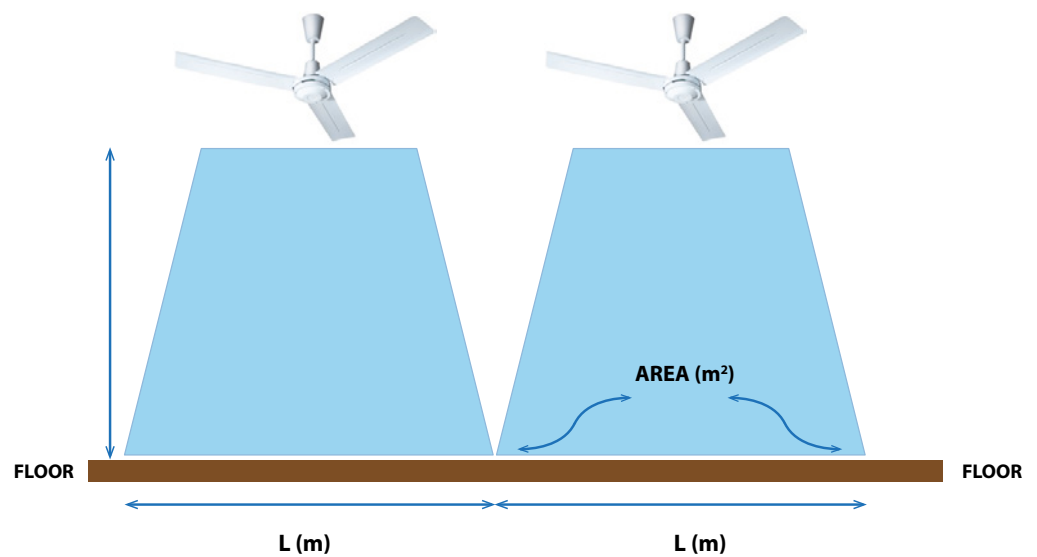
Specifications	Units	E36202	E48202	E56002	E60002
Air flow	m <sup>3</sup> /h	19,900	32,100	41,600	66,200
Maximum area in destratification	m <sup>2</sup>	140	180	350	470
Turning diameter	mm/inch	900/36"	1200/48"	1400/56"	1500/60"
Fan	type	Axial-Blades	Axial-Blades	Axial-Blades	Axial-Blades
Colour/number of blades		White/3	White/3	White/3	White/3
Power supply	V/Hz	230/1ph/50/60	230/1ph/50/60	230/1ph/50/60	230/1ph/50/60
Power consumption	W	71	105	110	120
Rated current	A	0.31	0.52	0.55	0.60
Max. speed	rpm	325	300	290	300
Max. working height	m	4	5	12	14
Product size	Ømm	900 x h 600	1200 x h 600	1400 x h 600	1500 x h 650
Box size (l x w x h)	mm	660 x 250 x 250	660 x 250 x 250	660 x 250 x 250	710 x 280 x 280
Net/gross weight	kg	7.7/9	9.3/11	9.8/12	12.8/ 14.5
Pallet	pcs	45	45	45	32

# HOW TO CHOOSE YOUR DESTSTRATIFIER

	E36202	E48202	E56002	E60002
HEIGHT (m)	L (m)	L (m)	L (m)	L (m)
3.0	10.5	12.5		
4.0	11.2	12.8	14.5	
6.0	12.5	13.5	18.5	21.5
9.0			16.5	19.5
12.0			12.5	18.1
14.0			10.5	16.5

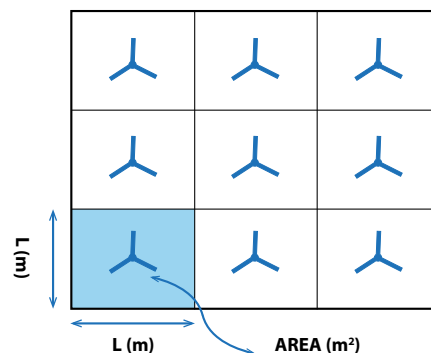
## SIDE VIEW OF AN INSTALLATION

blades to floor  
(ceiling to blades is 0.4m)



	E36202	E48202	E56002	E60002
HEIGHT (m)	AREA (m²)	AREA (m²)	AREA (m²)	AREA (m²)
3.0	110	156		
4.0	126	165	210	
6.0	156	182	342	462
9.0			272	380
12.0			156	328
14.0			110	272

## EXAMPLE OF DISTRIBUTION OF THE MASTER DESTSTRATIFIERS/ VENTILATORS IN A FACTORY








Master destratifiers work up to 14m in height.






## Fans and air blowers

# ACCESSORIES







### Air outlets

Illustration	Accessory	Code	Description	Products
	2-way air outlet	1200018	1 x 420mm to 2 x 205mm	Heylo PowerVent 6000
	3-way air outlet	1200015	1 x 305mm to 3 x 100mm	Heylo PowerVent 3000
	5-way air outlet	1200017	1 x 420mm to 5 x 100mm	Heylo PowerVent 6000
	3-fold adaptor	1250089	for hose connection	Heylo TD 2400
	Reduction adaptor	1200016 1200019	from 305mm to 205mm from 420mm to 305mm	Heylo PowerVent 3000 Heylo PowerVent 6000

### Additional equipment

Illustration	Accessory	Code	Description	Products
	Supply line	4515.332	400 V/16 A, 10m	Heylo PowerVent 12000
	Adaptor cable	1450290	CEE to Schuko, 1,5m	EFI 75xx, UB 20xx
	6Ah Master lithium battery	4260 268	4h operating time	DFB 16
	Master-battery charger	4260 270		DFB 16
	Speed regulator	4800.018 4800.019 4800.020	2 fans RVS 2.5A 5 fans RVS 5A 10 fans RVS 10A	E36202, E48202, E56002, E60002

## Flex tubes



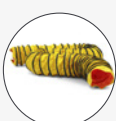
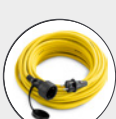
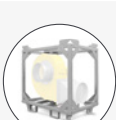

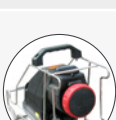
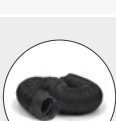
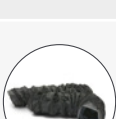
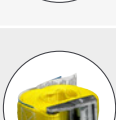
Illustration	Accessory	Code	Description	Products
	<b>Duct canister incl. duct</b>	<b>1250215</b> <b>1250211</b>	7.6m, Ø205mm, orange 7.6m, Ø205mm, black	Heylo PowerVent 1500 UB 20xx
	<b>Flex tube</b>	<b>4160.251</b> <b>4515.559</b> <b>4031.406</b> <b>4515.560</b> <b>4031.402</b> <b>4031.403</b> <b>4515.390</b> <b>4515.391</b> <b>4515.392</b> <b>1250049</b> <b>1250066</b> <b>1250099</b> <b>1250074</b>	7.6m, Ø210mm, PVC yellow 7.6m, Ø250mm, PVC yellow 7.6m, Ø310mm, PVC yellow 7.6m, Ø340mm, PVC yellow 7.6m, Ø410mm, PVC yellow 7.6m, Ø510mm, PVC yellow 7.6m, Ø205mm, grey 7.6m, Ø305mm, grey 7.6m, Ø420mm, grey 7.6m, Ø570mm, yellow 7.6m, Ø305mm, black 7.6m, Ø230mm, black 10m, Ø102mm for 3-way outlet	BL 4800 BLM 4800 BL 6800 BLM 6800 BL 8800 DFX 20 Heylo PowerVent 1500 Heylo PowerVent 3000 Heylo PowerVent 6000 Heylo PowerVent 12000 EFI 75xx UB 20xx Heylo TD 2400
	<b>Fastening strap</b>	<b>1670001</b>	universal	Heylo PowerVent 3000/6000/12000
	<b>Dust bag</b>	<b>1250060</b> <b>1250062</b> <b>4515.540</b> <b>4515.541</b> <b>4515.542</b>	3.5m, Ø 305mm, (class-M) 4m, Ø 420mm, (class-M) 3m, Filter class - EPA 10 3m, Filter class - EPA 10 3m, Filter class - EPA 10	Heylo PowerVent 3000 Heylo PowerVent 6000 BL 4800, BLM 4800 BL 6800, BLM 6800 BL 8800
	<b>Fastening clamp for dust bag</b>	<b>1250096</b> <b>1250140</b>	Ø305mm Ø420mm	Heylo PowerVent 3000 Heylo PowerVent 6000
	<b>Connection sleeve</b>	<b>1250203</b> <b>1250204</b> <b>1250209</b>	Ø305mm Ø420mm Ø570mm	Heylo PowerVent 3000 Heylo PowerVent 6000 Heylo PowerVent 12000



## Filters

Illustration	Accessory	Code	Description	Products
	<b>Filter box</b>	<b>1200039</b> <b>1200047</b> <b>1200066</b>	3000 3000 PLUS (incl. filter pressure gauge) 6000	Heylo PowerVent 3000 Heylo PowerVent 3000 Heylo PowerVent 6000
	<b>Duct connection adaptor</b>	<b>1200048</b> <b>1200049</b> <b>1200068</b>	Ø205mm Ø305mm Ø420mm	Filter box 3000/3000 PLUS Filter box 3000/3000 PLUS Filter box 6000
	<b>Duct connection adaptor</b>	<b>1200098</b>	2 x Ø205mm	Filter box - Heylo PowerVent 6000
	<b>Coarse dust filter G4</b>	<b>1110956</b> <b>1110949</b>	Set of 5 Set of 3	Filter box 3000/3000 PLUS Filter box 6000
	<b>Fine dust filter F9</b>	<b>1110957</b> <b>1110929</b> <b>1100885</b>	Set of 3 Set of 3 1 piece	Filter box 3000 Filter box 3000 PLUS Filter box 6000
	<b>Paint overspray filter</b>	<b>1110906</b>	Set of 3	Filter box 3000

## Flex tubes

Illustration	Accessory	Code	Description	Products
	<b>Dust bag</b>	<b>7.160.000.112</b>	5m	TTV 7000
	<b>Flex tube adaptor</b>	<b>6.100.005.020</b>	1 x 550mm	TTV 7000
	<b>Flex tube SP-T</b>	<b>6.100.001.217</b> <b>6.100.001.205</b> <b>6.100.001.216</b> <b>6.100.001.220</b>	560mm, 7.6m 305mm, 7.6m 525mm, 7.6m 700mm, 7.6m	TTV 7000 TFV 100-100 Ex, TFV 300-300 Ex, TFV 600-600 Ex, TFV 900-900 Ex, TFV 1200
	<b>Pro extension 2-pin cable</b> <b>5-pin cable</b>	<b>7.333.000.376</b> <b>7.333.000.374</b>	20m/230 V/2.5mm <sup>2</sup> 20m/400 V/2.5mm <sup>2</sup>	TTV 7000, TFV 100-100 Ex, TFV 300-300 Ex, TFV 600-600 Ex, TFV 900-900 Ex, TFV 1200
	<b>Frame</b>	<b>1.510.002.011</b> <b>1.510.002.031</b> <b>1.510.002.041</b> <b>1.510.002.051</b> <b>1.510.002.071</b>		TFV 100-100 Ex TFV 300-300 Ex TFV 600-600 Ex TFV 900-900 Ex TFV 1200
	<b>SP connector nozzles</b>	<b>6.100.001.915</b> <b>6.100.001.935</b>	305mm 500mm	TFV 100-100 Ex TFV 300-300 Ex TFV 600-600 Ex TFV 900-900 Ex TFV 1200
	<b>Adaptor coupling</b>	<b>6.100.005.210</b>	16A Ex	TFV 100 Ex - 300 Ex
	<b>SP-AV Hose</b>	<b>6.100.001.460</b> <b>6.100.001.470</b> <b>6.100.001.480</b>	305mm, 7.6m, antistatic 460mm, 7.6m, antistatic 660mm, 7.6m, antistatic	TFV-100 Ex TFV-300 Ex TFV-600 Ex TFV-900 Ex
	<b>SP-AP Hose</b>	<b>6.100.001.410</b> <b>6.100.001.420</b> <b>6.100.001.430</b>	305mm, 7.6m, antistatic 460mm, 7.6m, antistatic 650mm, 7.6m, antistatic	TFV-100 Ex TFV-300 Ex TFV-600 Ex TFV-900 Ex
	<b>Universal tension belt</b>	<b>6.100.001.995</b>		TTV 7000 TFV 100-300-600-900-1200

DANTHERMGROUP



## PROFESSIONAL MEASUREMENT DEVICES

FOR CONSTRUCTION, WATER DAMAGE RESTORATION, BUILDINGS, AGRICULTURE,  
PRODUCTION AND RENTAL COMPANIES

 **TROTEC**  
CLIMATE SOLUTIONS

**BX50 MID**



- Professional measuring device for reliable measurement of energy consumption
- MID-compliant and fully approved for billing purposes
- Integrated sealing slots prevent tampering with plugs (compliant with the German MessEG Weights and Measures Act)
- Tamper-proof total consumption metre
- Resettable daily consumption metre
- Socket outlet with protective spring-loaded flap lid
- Future devices will be able to measure consumption as well as generated energy (e.g. by photovoltaic modules)

**Optional accessories**



**Plastic seals**  
**6.100.002.090**

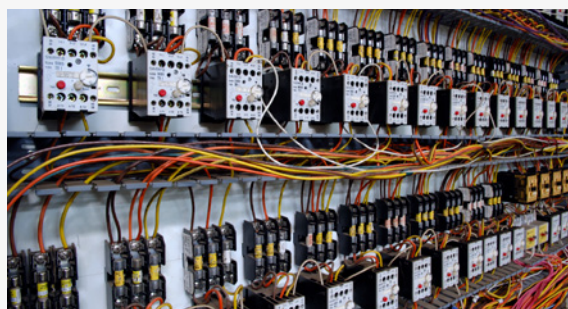
Specifications	Units	BX50 MID
Consumption measurement	kWh	0 - 999,999.9
Measuring range power	W	57.5-3,680
Max. performance	W/A	3,680/16
Measuring range AC voltage	V	176-276
Input voltage	V/Hz	230, AC/1ph/50
Ambient conditions	°C	-25 +55
Protection class		IP54
Product size (l x w x h)	mm	77 x 63 x 118
Weight	kg	0.155

# Temperature PYROMETRE TP7-10



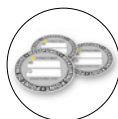
TP-7

TP-10



- Accurate infrared laser thermometer with an optical 75:1 resolution
- Non-contact surface temperature measurement from -50°C to +1,800°C
- Multi-point laser aiming aid indicates measuring point and measuring spot
- Adjustable material energy radiation optimises measurement accuracy
- High/low alarms trigger change of display colour and an acoustic alarm
- Automatic switch-off function

## Optional accessories



**Reading point stickers**  
(100 pcs.)  
**9.110.000.100**



**Universal tripod**  
**6.300.000.200**



**Combination bracket**  
**with universal clamp**  
**6.300.000.201**

Specifications	Units	TP-7	TP-10
Optical resolution	D:S	40:1	75:1
Smallest measuring spot	mm	25.4	18
Measuring range	°C	-50 to 1,000	-50 to 1,850
Resolution	°C	0.1	0.1 ≤1,000°C; 1 >1,000°C
Accuracy (of 23 to 25°C)	°C	±2.5 at -50 to 20; ±1% at 21 to 300; ±1.5% at 301 to 1,000	±3°C at -50 to 20; ±1% ±1°C at 20 to 500; ±1.5% at 500 to 1,000; ±2% at 1,001 to 1,850
Repeatability	°C	1.3 at -50 to 20;; ±0.8% or ±0.5 at 21 to 1,000	1.5 at -50 to 20; ±0.5% or ±0.5 at 20 to 1,000; ±1% at 1,000 to 1,850
Response time	ms	<150	<150
Spectral sensitivity	µm	8-14	8-14
Ambient conditions	°C	0 to 50, 10% to 90% RH	0 to 50, 10% to 90% RH
Power supply		9V IEC 6LR61	9V IEC 6LR61 and via USB
Product size (l x w x h)	mm	160 x 49 x 122	168 x 56 x 225
Weight	kg	0.224	0.300



## Particle counters

# PC 200-220

PC 200



PC 220



- Particle counter with durable laser diode
- Conforms with ISO 21501-4
- 6 particle size channels from 0.3 to 10µm
- Filter efficiency measurement
- Detects size fractions and air particle concentrations
- Measures parameters such as air temperature, humidity and dew point
- Data logger for 5,000 measurements
- Optional 8GB MicroSD card memory expansion
- Data export via USB interface
- Integrated camera for photo and video documentation
- Automatic display and acoustic alarm for quick detection of critical particle concentrations
- 2.8-inch colour LCD display
- Ergonomic single-hand operation
- Optional calibration certificate
- Calculation of the particle mass concentration, detection of HCHO and CO (PC220 only)

### Optional accessories



**Universal tripod**  
6.300.000.200



**Combination bracket  
with universal clamp**  
6.300.000.201



# Particle counters

## PC 200-220

Specifications	Units	PC 200	PC 220
Particle counter - Channels		6	6
Particle counter - Channel sizes	µm	0.3, 0.5, 1.0, 2.5, 5.0, 10.0	0.3, 0.5, 1.0, 2.5, 5.0, 10.0
Particle counter - Counting modes		concentration, cumulative, differential	concentration, cumulative, differential
Particle counter - Counting efficiency	%	50% at 0.3µm; 100% for particles >0.45µm	50% at 0.3µm; 100% for particles >0.45µm
Particle counter - Flow rate	l/min	2.83 l/m (0.1 ft <sup>3</sup> /min), controlled by internal pump	2.83 l/m (0.1 ft <sup>3</sup> /min), controlled by internal pump
Particle counter - Zero check		<1 particle/5min	<1 particle/5min
Particle counter - Coincidence loss		5%, 2 million particles per ft <sup>3</sup> (28.3 litres)	5%, 2 million particles per ft <sup>3</sup> (28.3 litres)
Particle counter - Light source		laser class 3B	laser class 3B
Particle counter - Sample inlet		isokinetic probe	isokinetic probe
Air temperature - Measuring range	°C	0-50	0-50
Air temperature - Accuracy	°C	±0.5°C at 10 to 40°C; ±1.0°C at other temperature ranges	±0.5°C at 10 to 40°C; ±1.0°C at other temperature ranges
Humidity - Measuring range	% RH	0-100	0-100
Humidity - Accuracy	%	±3°C at 40 to 60%; ±3.5% at 20 to 40% and 60 to 80%; ±5% at 0 to 20% and 80 to 100%	±3°C at 40 to 60%; ±3.5% at 20 to 40% and 60 to 80%; ±5% at 0 to 20% and 80 to 100%
Dew point temperature - Measuring range	°C	-30-100	-30-100
Dew point temperature - Accuracy	°C	±0.5°C at 10 to 40°C; ±1.0°C at other temperature ranges	±0.5°C at 10 to 40°C; ±1.0°C at other temperature ranges
Wet-bulb temperature - Measuring range	°C	0-80	0-80
Wet-bulb temperature - Accuracy	°C	±1.0	±1.0
Formaldehyde (HCHO) - Measuring range	ppm	-	0.01-5.00
Formaldehyde (HCHO) - Accuracy	%	-	±5% of terminal value
Carbon monoxide (CO) - Measuring range	ppa	-	10 - 1,000
Carbon monoxide (CO) - Accuracy	%	-	±5% of terminal value
Particle mass conversion PM2.5	µg/m <sup>3</sup>	-	0-2,000
Particle mass conversion PM10	µg/m <sup>3</sup>	-	0-2,000
Particle mass conversion HCHO	mg/m <sup>3</sup>	-	0-6.13
Particle mass conversion CO	mg/m <sup>3</sup>	-	0 1,145
Power supply	Battery type	Polymer LI-ION battery	Polymer LI-ION battery
Product size (l x w x h)	mm	57 x 75 x 240	57 x 75 x 240
Weight	g	570	570

Optical inspection  
**VSC 206-3008**

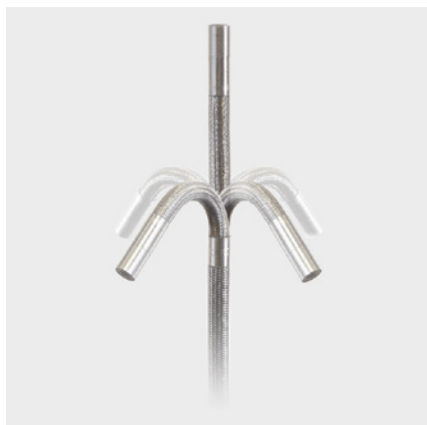


VSC206

VSC3008



- Hand-held, light and robust videoscope for visual inspections
- Fully flexible camera head on probe
- LED technology reduced power consumption and heat generation
- Records videos or takes still photos as desired
- VGA LCD display offers outstanding image quality
- Fast USB connection and analogue video output
- Easy handling



Specifications	Units	VSC206	VSC3008
Type of lighting		6 white LEDs	6 white LEDs
Luminous intensity	lux	40,000	50,000
White balance		Default setting ex works	4 setting options
Brightness control		Manually adjustable	Manually adjustable
Display		3.5-inch TFT LCD	4.3-inch TFT LCD
Joystick control		Probe bending	Probe bending, menu access and navigation
Keys		Access to user functions, illumination, video, camera head fixing	Access to user functions, illumination, video, camera head fixing
Interfaces		USB, analogue video (PAL/NTSC)	USB, analogue video (PAL/NTSC)
Memory		Slot for removable SD card (max. 32 GB)	Slot for removable SD card (max. 32GB)
File formats		JPEG image, AVI video	JPEG image, AVI video
Power supply	Battery type	4 x LR6AA, 1.5 V or power adaptor	5 V lithium polymer battery pack or power adaptor
Operating time	h	≤ 2	> 4
Probe dimensions	m/Ømm	2/6	3/8
Design		Exterior: stainless steel wire mesh for high torsional strength, inner layer: polyurethane on steel spiral	Exterior: tungsten wire mesh for high torsional strength, inner layer: polyurethane on steel spiral
Articulation	°	up/down/left/right ~ 120	up/down/left/right ~ 120
Probe type of protection		IP67, oil-resistant	IP67, oil-resistant
Camera Image sensor		CMOS	CMOS
Camera Resolution	Pixels	350,000	440,000
Field of vision	°	90	130
Camera head		Stainless steel with titanium coating	Stainless steel with titanium coating
Zoom		5x digital	3x digital
Operator guidance		Simple interactive menu control	Simple interactive menu control, menu navigation via joystick
Available menu languages		German, English, French	German, English, French, Dutch, Italian, Turkish, Spanish, Russian, Danish
Software functions		System settings, video settings, memory functions	System settings, video settings, display settings (brightness, contrast etc.), memory functions
Temperature	°C	-10 to 50	-10 to 50
Humidity	% RH	< 90	< 90
Type of protection (housing)		IP54	IP54
Construction		ABS housing with integrated bumpers	ABS housing with integrated bumpers
Product size (l x w x h)	mm	265 x 100x 125	410 x 154 x 80
Weight	g	590 (incl. batteries)	960 (incl. batteries)

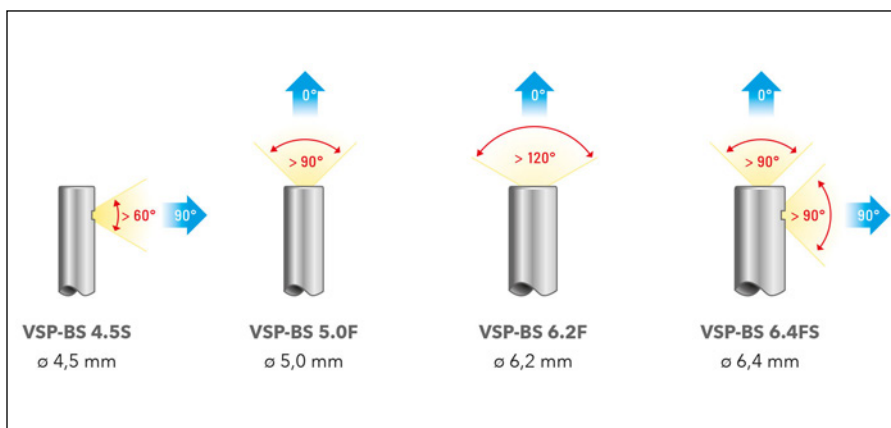


**VSP-VS 4.5-1500****VSP-VS 6.2-1500-3000**

- Universal solution for many VT applications (virtual testing)
- Modular system – can be flexibly combined and extended
- Colour display and lithium polymer battery system
- Light intense, bendable camera, rotatable and water proof accordance IP67
- Can be expanded with various video endoscopes and borescopes

Specifications	Units	VSP-VS 4.5-1500	VSP-VS 6.2-1500-3000
Design		Pistol grip with keypad and joystick control	Pistol grip with keypad and joystick control
Type of protection (system)		IP64	IP64
Functions		Probe head bending, photograph and video production, lighting brightness	Probe head bending, photograph and video production, lighting brightness
Interfaces		Connection cable with multi-connector vor VSP-Control, length approx. 150cm	Connection cable with multi-connector vor VSP-Control, length approx. 150cm
Probe Diametre	mm	4.5	6.2
Probe Length	m	1.5	1.5
Backlight		6 LEDs	6 LEDs
DOF	mm	8-80	15 to ∞
Resolution	Pixels	300,000	300,000
Field of vision	°	>90	>120
Bending		Up/ down/left/right	Up/ down/left/right
Design		Tungsten wire mesh with titanium alloy	Tungsten wire mesh with titanium alloy
Type of protection (probe)		IP67	IP67
Product size (l x w x h) without probe	mm	155 x 110 x 190	155 x 110 x 190
Weight	g	620	620





**PD200**

- Quick leak detection for sealing sheet systems and plastic-covered objects
- Robust, splash-proof transport case design
- Lighter and more compact than previous model
- Very ease to transport and handle
- Integrated short-circuit test, e.g. to check suspension points
- Optional gravel claw makes it easy to place loop wiring under gravel fill

**Optional accessories**
**Gravel claw**  
3.510.010.003





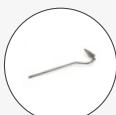


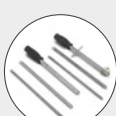
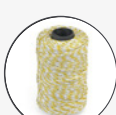
**Ground cable-  
extension**  
3.510.010.004

**Measuring lead  
for rods**  
3.510.010.008

**Measuring rods**  
3.510.010.007

**Series ring line**  
3.510.010.005

Specifications	Units	PD200
Input voltage	V/Hz	230-240/1ph/50-60
Product size (l x w x h)	mm	470 x 240 x 250
Weight	kg	8,6 (incl. accessories)

Illustration	Accessory	Code	Description	Products
	Plastic seals	6.100.002.090		BX50 MID
	Reading point stickers	9.110.000.100	100 pcs.	Pyrometre TP7-10
	Universal tripod	6.300.000.200		Pyrometre TP7-10, PC 200-220
	Combination bracket with universal clamp	6.300.000.201		Pyrometre TP7-10, PC 200-220
	Gravel Claw	3.510.010.003		PD200
	Ground cable-extension	3.510.010.004		PD200
	Measuring lead for rods	3.510.010.008		PD200
	Measuring rods	3.510.010.007		PD200
	Series ring line	3.510.010.005		PD200



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