



PRODUCT CATALOGUE

MOBILE

Heating, drying, cooling, ventilation



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ABOUT THE DANTHERM GROUP

ONE COMPANY PROVIDING ALL YOUR CLIMATE CONTROL PRODUCTS AND SOLUTIONS WITH 500 EMPLOYEES SPREAD ACROSS 12 COUNTRIES AND A GLOBAL DISTRIBUTION NETWORK OF 50+





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MOBILE

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DIRECT AIR HEATERS

LOW OIL PRESSURE





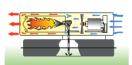


Optional accessories











MASTER B 35-300

- High air flow
- Optional room thermostat
- 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

Applications



- Construction sites
- Heating roadworks
- Workshop & warehouse space heating
- Greenhouses & storage facilities

Specifications	Units	B 35	B 70	B 100	B 150	B 300
	kW	10	20	29	44	44/88
Heating power	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		Analog or digital				
Fuel consumption	kg/h	0.8	1.6	2.3	3.5	3.5/7
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	Α	0.35	0.8	1.0	1.2	1.2/2.4
Protection		IP41	IP41	IP41	IP41	IP41
Tank capacity	1	15	19	44	44	105
Product size (I 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
Weight	kg	14	15	25	25	53
Dual voltage		No	No	No	Available	No



Puravent













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DIRECT AIR HEATERS

HIGH OIL PRESSURE







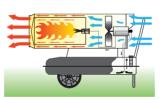


Room thermostat TH5 with cable 3m, 10m



Fuel pre-heater B 180 B 230, B 360







MASTER B 180-360

- Optional room thermostat
- Optional fuel pre-heater
- Overheat thermostat
- 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 (B 230, B 360)
- Easy maintenance with external pump
- Diagnostic LED

Applications



- Construction sites
- Heating roadworks
- Workshop & warehouse space heating
- Greenhouses & storage facilities

Specifications	Units	B 180	B 230	В 360
	kW	48	65	111
Heating power	Btu/h	165,000	222,000	379,000
	kcal/h	41,200	56,000	95,460
Air flow	m³/h	1,550	3,000	3,300
Fuel autonomy	h	8	10	10
Thermostat control		Analog or digital	Analog or digital	Analog or digital
Fuel consumption	kg/h	3.8	5.2	8.83
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	Α	1.5	3.5	4.6
Protection		IP41	IP41	IP41
Tank capacity	I	36	65	105
Product size (I x w x h)	mm	1165 x 380 x 550	1235 x 575 x 790	1600 x 700 x 940
Weight	kg	30	57	84

















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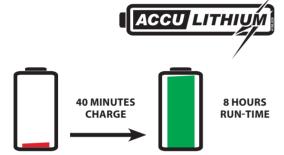
DIRECT GAS AIR HEATERS

BATTERY CONTROLLED

Ventilation of the room is necessary to prevent a deficiency in oxygen supply.



BLP 17MDC



Included



3Ah Master lithium accu: 8 hours run-time More than 1000 recharges



Master accu charger: 40 minutes charging time



Power for 220V and 110V



MASTER BLP 17MDC

- It works at 14 V only and therefore offers the highest electrical safety
- It is equipped with DC brushless motors and electronic board for power management which allow very low energy consumption – only 10% of a conventional AC heater
- Equipped with Master Lithium Battery BAT3
- Power adapter for 220 V AC or 110 V AC included for constant operation
- Manual ignition
- Regulator includes safety valve which stops the gas flow in case of cracks of the gas tube
- Regulator and gas hose included
- Motor with thermal protection
- Overheat thermostat
- Adjustable heat
- 8 hours battery run-time and 40 minutes charge time

Applications



- Construction sites & renovations
- Workshops & warehouses
- Agriculture

Specifications	Units	BLP 17MDC	
	kW	10-16	
Heating power	Btu/h	34,200-54,800	
	kcal/h	8,600-13,800	
Pressure	bar	0.7	
Ignition		Manual	
Battery run-time	h	8	
Thermostat control		No	
Air flow	m³/h	300	
Fuel consumption	kg/h	1.16	
Power supply	V/Hz	110-240/1ph/50-60	or 14 V lithium accu
Electric power	kW	0.005	
Rated current	Α	0.4	
Product size $(l \times w \times h)$	mm	471 x 188 x 293	
Weight	kg	4	
Dual voltage		Yes	















Get In Touch

Call: <u>0845 6880112</u>

Email: info@adremit.co.uk

Our Address



DIRECT GAS AIR HEATERS

ELECTRO MECHANICAL

Ventilation of the room is necessary to prevent a deficiency in oxygen supply.





Controls for adjusting heat and consumption

Gas regulator

Included



Multiple bottles coupling set DE/AT/DK/NL/PL: Gas hose Gas regulator
ES/HR/SI/CZ/HU/FR/CH/BE/SK/YU/BA/RO/BG/LT/LV/
EE/BA/RU:





MASTER BLP 17M-73M

- Manual ignition
- Electrovalve
- Safety gas valve with thermocouple
- Regulator includes safety valve which stops the gas flow in case of cracks of the gas tube
- Regulator and gas hose included
- Motor with thermal protection
- Overheat thermostat
- Adjustable heat
- Easy maintenance

Applications



- Construction sites & renovations
- Workshops & warehouses
- Agriculture



Specifications	Units	BLP 17M	BLP 33M	BLP 53M	BLP 73M
	kW	10-16	18-33	36-53	49-73
Heating power	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
Ignition		Manual	Manual	Manual	Manual
Thermostat control		No	No	No	No
Air flow	m³/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	Α	0.23	0.26	0.48	0.95
Product size $(I \times w \times h)$	mm	471 x 188 x 293	552 x 220 x 342	605 x 276 x 444	685 x 276 x 444
Weight	kg	4.5	7.5	13	15
Dual voltage		No	Available	Available	Available

















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DIRECT GAS AIR HEATERS

ELECTRONIC

Ventilation of the room is necessary to prevent a deficiency in oxygen supply.





Optional accessories









MASTER BLP 33ET-103ET

- Electronic ignition
- Double electrovalve
- The ionization electrode continuously checks the presence of
- Optional room thermostat
- BLP 103ET trolley included
- Regulator includes safety valve which stops the gas flow in case of cracks of the gas tube
- Regulator and gas hose included
- Motor with thermal protection
- Overheat thermostat
- Adjustable heat
- Strong and durable construction
- Easy maintenance

Applications



- Construction sites & renovations
- Workshops & warehouses
- Agriculture

Specifications	Units	BLP 33ET	BLP 53ET	BLP 73ET	BLP 103ET
	kW	18-33	36-53	49-73	57-103
Heating power	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		Analog or digital	Analog or digital	Analog or digital	Analog or digital
Air flow	m³/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	Α	0.32	0.55	1.00	1.00
Product size $(l \times w \times h)$	mm	552 x 220 x 342	605 x 276 x 444	685 x 276 x 444	895 x 324 x 624
Weight	kg	7.5	13	15	22.3

















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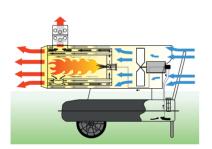


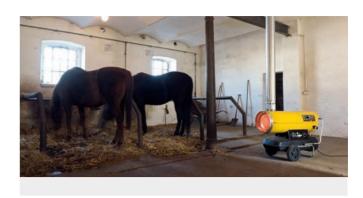
INDIRECT AIR HEATERS

HIGH OIL PRESSURE









MASTER BV 77-290

- Clean hot air
- Duct connection
- Flue gas exhaust
- Heat exchanger
- Optional room thermostat
- Optional fuel pre-heater
- Overheat thermostat
- Thermally protected motor
- Transparent external suction filter

- Three oil filters oil pump filter, suction filter and inlet
- Electronic flame control with photocell
- Stainless steel combustion chamber
- Oil tank with level indicator
- Trolley included
- Snorkel
- Easy maintenance with external pump
- Diagnostic LED





- Construction sites & heating roadworks
- Workshop & warehouse space heating
- Agriculture
- Events & military & emergency space heating

Specifications	Units	BV 77	BV 110	BV 170	BV 290
	kW	20	33	47	81
Heating power	Btu/h	68,300	112,800	160,400	276,300
	kcal/h	17,200	28,400	40,400	69,600
Air flow	m³/h	1,550	1,800	1,800	3,300
Fuel autonomy	h	19	21	14	13
Thermostat control		Optional	Optional	Optional	Optional
Fuel consumption	kg/h	1.67	2.71	3.9	6.8
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	Α	1.5	3.5	3.5	4.6
Protection		IP41	IP41	IP41	IP41
Tank capacity	1	36	65	65	105
Flue tube Ø	mm	120	150	150	150
Blast opening Ø	mm	230	340	340	400
Product size ($l \times w \times h$)	mm	1130 x 380 x 660	1235 x 575 x 1000	1350 x 575 x 1000	1600 x 700 x 1150
Weight	kg	33	61	65	100
Dual voltage		Available	No	Available	Available

















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INDIRECT AIR HEATERS

WITH SEPARATE RIELLO OIL BURNER



MASTER BV 500

- Clean hot air
- Achieved pressure 443 Pa
- Flue gas exhaust
- Altitude compensation adjustment
- Separate Riello burner with easy nozzle change
- Easy access to the heat exchanger for cleaning
- Fuel pre-heating
- Quick connectors for electrical parts
- Summer-Winter switch for ventilation only
- Socket for remote thermostat analog or digital
- High efficiency heat exchanger
- Stainless steel combustion chamber
- Robust hook for crane hanging
- Trolley included

Applications



- Construction sites & heating roadworks
- Workshop & warehouse space heating
- Agriculture
- Events & military & emergency space heating

Specifications	Units	BV 500-13C	BV 500-13CR
Fan		Axial	Centrifugal
Total air pressure	Pa	443	770
Ductability	m	30	50
Air flow	m³/h	7,700	5,000
Power fan motor	W/rpm	1,500/2,750	2,000/1,600
Air outlet diameter		2 of 12" (300mm) or 1 of 16" (400mm)	2 of 12" (300mm) or 1 of 16" (400mm)
Maximum heating power	kW/Btu/h/kcal/h	150/500,000/126,000	150/500,000/126,000
Standard heating power	kW/Btu/h/kcal/h	117/400,000/101,000	117/400,000/101,000
Outlet temperature rise	°C	75	75
Maximum air temperature	°C	95	95
Max nozzle	GPH	Steinen 2.75	Steinen 2.75
Standard nozzle	GPH	Steinen 2.25	Steinen 2.25
Diesel pressure	Bar	12	12
Remote thermostat		Analog or digital	Analog or digital
Flue tube	mm	150	150
Protection	IP	IP 43	IP 43
Fuel tank capacity	1	150	150
Max fuel consumption	l/h	13.32	13.32
Standard fuel consumption	l/h	12.19	12.19
Rated current	А	13	14
Power supply	V/Hz	220-240/1ph/50-60	220-240/1ph/50-60
Weight	kg	224	230
Product size (I x w x h)	mm	2086 x 717 x 1233	2086 x 717 x 1233















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INDIRECT AIR HEATERS

WITH SEPARATE RIELLO OIL BURNER



BV 500 can also accept 1-way outlet. Diameter 400mm



BV 500 can be tilted for a comfortable access to the burner and to the electronic control panel



Large pneumatic wheels



Hooks for crane hanging



Fuel filter is outside. Fuel pre-heater is inside, within the combustion head



Welding performed by robots and 100% inspected



BV 500 has windows which allow an easy access to the heat exchanger for cleaning



The motor is connected to the electronic panel with a snapon connector, allowing an easy maintenance



The heater gets the fuel from the tank below but can also be connected to an external tank



When required, in case of relevant change of altitude, it is very easy to adjust the combustion



Control panel including: On/off switch with light messenger, reset button, socket for remote thermostat: Analog or digital



A leakless fuel tank closure and a big fuel level indicator

Optional accessories



Room thermostat TH5 with cable 3m



Digital thermostat THD with 5m cable



Air recycling kit for BV 500 Axial BV 500



1-way outlet



1-way outlet 7.6m

2-way outlet (possible to connect to each other - max. 30m)















Get In Touch



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INDIRECT AIR HEATERS AIR-BUS

WITH SEPARATE RIELLO OIL BURNER





Available version with 4 or with 1 outlets





MASTER BV 310-690

- Clean hot air
- Achieved pressure 100 Pa
- Optional room thermostat
- Available with 4, 2 or 1 outlets
- Flue gas exhaust
- Separate Riello burner
- Summer-Winter switch for ventilation only
- Fuel pre-heating
- Electronic flame control with photocell
- Fan-limit thermostat with automatic reset
- Limit thermostat with manual reset
- Two oil filters oil pump filter and suction filter
- Fuel pre-heat filter included
- High efficiency heat exchanger
- Stainless steel combustion chamber
- Trolley included
- On request gas burner instead of oil burner



See page 9 for applications

Specifications	Units	BV 310FS	BV 470FS	BV 690FS	BV 690FT
	kW	75	134	220	220
Heating power	Btu/h	256,000	460,000	751,000	751,000
	kcal/h	64,500	115,000	190,000	190,000
Air flow	m³/h	4,400	8,000	12,500	12,500
Fan		Axial	Axial	Axial	Axial
Thermostat control		Optional	Optional	Optional	Optional
Fuel consumption	kg/h	6.4	11.3	18.5	18.5
Power supply	V/Hz	230/1ph/50	230/1ph/50	230/1ph/50	400/3ph/50
Electric power	kW	1.1	2.03	3.68	3.4
Rated current	Α	6.2	8.8	16	5.8
Protection		IP43	IP43	IP43	IP43
Flue tube Ø	mm	150	200	200	200
Air outlet diameter	mm	1 x 450	4 x 270	4 x 320	4 x 320
All Outlet diameter	111111		1 x 600	1 x 700	1 x 700
Product size ($l \times w \times h$)	mm	1654 x 750 x 1092	2230 x 875 x 1215	2340 x 998 x 1548	2340 x 998 x 1548
Weight	kg	162	225	326	333













Call: <u>0845 6880112</u>







INDIRECT AIR HEATERS AIR-BUS

WITH SEPARATE RIELLO OIL BURNER





On request: Radial fan version is available

Optional accessories



Room thermostat TH5 with cable



Digital thermostat THD with 5m cable For heaters made in July 2015 or later



Top outlet BV 310 BV 690



Fuel tank BV 310 - 85 I BV 470 - 140 I BV 690 - 200 I



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



Fuel scoop



1-way outlet BV 470 - Ø 600mm BV 690 - Ø 700mm BV 310 - Ø 440mm



2-way outlet to be applied on 1-way outlet

BV 310 – 2 x Ø 315mm BV 470 – 2 x Ø 400mm BV 690 – 2 x Ø 500mm



4-way outlet BV 310 – 4 x Ø 225mm BV 470 – 4 x Ø 270mm BV 690 – 4 x Ø 320mm



Flexible 7.6m ducts

4-way outlet BV 310 - Ø 230mm BV 470 – Ø 305mm BV 690 - Ø 330mm 2-way outlet BV 470 – Ø 407mm BV 690 - Ø 508mm 1-way outlet BV 310 – Ø 450mm BV 470 – Ø 610mm



Perforated tubes

BV 310 – Ø 509mm

BV 470 – Ø 611mm

BV 690 - Ø 713mm

BV 310 - Ø 509mm - max. 25m BV 470 - Ø 611mm - max. 50m BV 690 – Ø 713mm - max. 50m

Connection kit for 1-way outlet



Caster BV 310 BV 470 BV 690



Air recycling kit

BV 690 – Ø 710mm

BV 310 - kit - tube BV 470 – kit – tube BV 690 – kit – tube



Fire damper BV 310 – Ø 450mm

BV 470 – Ø 560mm BV 690 – Ø 710mm



Mounting kit for chimney 200mm BV 310 – chimney Ø 150mm BV 470, BV 690 – chimney Ø 200mm

















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INFRARED HEATERS

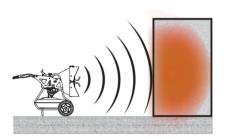
INFRARED HEATERS

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.

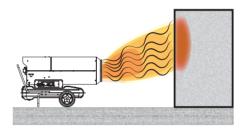
Infrared radiation runs straight, unlike hot air which flows upwards.

Infrared heaters are an excellent solution for:

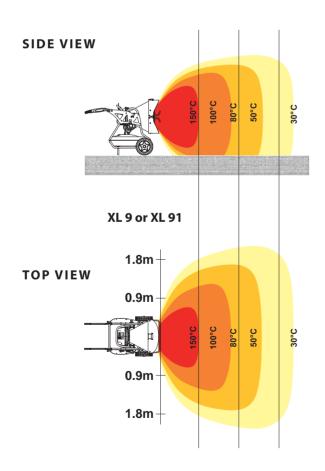
- Heating objects, bodies or walls indoors and outdoors
- Drying plaster walls as infrared heat penetrates the wall and evaporates the humidity of the wall from inside, unlike an airflow heater which creates a dry surface trapping the humidity into the wall
- Saving energy, because less energy is required for achieving the same heating effect

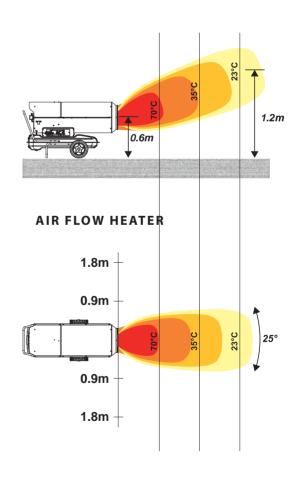


INFRARED HEATERS HEAT OBJECTS



AIRFLOW HEATERS HEAT AIR (AND OBJECTS)



















Call: <u>0845 6880112</u>





INFRARED OIL HEATERS

COMPACT

Ventilation of the room is necessary to prevent a deficiency in oxygen supply.





Display and socket for remote thermostat

Optional accessories



Trolley







MASTER XL 61

No air flow

Snorkel

 Overheat thermostat Anti-tilt switch

Applications

Agriculture

Infrared heating (short wave)

Standard oil level indicator

Suction filter and inlet filter

Electronic flame control with photocell

• Construction sites & renovations

Workshops & warehouses

ILME socket for remote thermostat: analog or digital

• Low noise



Digital thermostat THD with 5m cable

20°C



110°C

Specifications	Units	XL 61
	kW	17
Heating power	Btu/h	58,000
	kcal/h	14,600
Fuel consumption	kg/h	1.35
Fuel autonomy	h	7
Thermostat control		Analog or digital
Electric power	kW	0.2
Power supply	V/Hz	220-240/1ph/50
Rated current	Α	0.85
Tank capacity	1	11
Product size $(l \times w \times h)$	mm	560 x 345 x 575
Weight	kg	19
110 V		Available





50°C

















INFRARED OIL HEATERS

HIGH OUTPUT

Ventilation of the room is necessary to prevent a deficiency in oxygen supply.





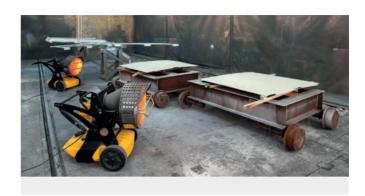




Fuel pre-heater



Room thermostat TH5 with cable



MASTER XL 9-91

- Low noise
- Infrared heating (short wave)
- No air flow
- Electronic flame control with photocell
- Oil level indicator
- Optional room thermostat
- Oil pump filter, suction filter and inlet filter
- Snorkel (XL 91)
- Adjustable direction/tilting
- Trolley included

Applications



- Construction sites & renovations
- Workshops & warehouses
- Agriculture



Digital thermostat THD with 5m cable (for XL 91 only)



Specifications	Units	XL 9		ΧL	.91	
	kW	29	43	29	43	
Heating power	Btu/h	99,300	146,900	99,300	146,900	
	kcal/h	25,000	37,000	25,000	37,000	
Fuel consumption	kg/h	2.3	3.37	2.3	3.37	
Fuel autonomy	h	21	14	21	14	
Thermostat control		Optional TH5		Optional TH 5 or THD		
Electric power	kW	0.	16	0.19		
Power supply	V/Hz	220-240)/1ph/50	220-240/1ph/50		
Rated current	А	0.7		C).7	
Tank capacity		6	50	6	50	
Product size $(l \times w \times h)$	mm	1070 x 700 x 980		1070 x 700 x 980 710 x 970 x 99		70 x 990
Weight	kg	69		6	59	
110 V		Avai	lable	Ava	ilable	

Puravent















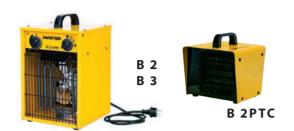
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AIR HEATERS

ELECTRIC







Optional accessories



Extension cord B 5, B 9 – 5m B 5, B 9 – 10m B 15, B 22 – 5m B 15, B 22 – 10m



MASTER B2-22

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

Applications



- Construction sites
- Workshop & warehouse space heating
- Agriculture
- Events & military
- Emergency space heating

Specifications	Units	В 2РТС	B 2	В 3	B 5	B 9	B 15	B 22
	kW	1/2	1/2	1.65/3.3	2.5/5	4.5/9	7.5/15	11/22
Heating power	Btu/h	3,400-6,800	3,400-6,800	5,630-11,260	8,530-17,000	515,350-30,700	25,600-51,200	37,530-75,100
	kcal/h	860-1,720	860-1,720	1,430-2,860	2,150-4,300	3,870-7,740	6,450-12,900	9,460-18,900
Air flow	m³/h	97	184	510	510	800	1,700	2,400
Power supply	V/Hz	230/1ph/50	230/1ph/50-60	230/1ph/50-60	400/3ph/50-60	400/3ph/50-60	400/3ph/50-60	400/3ph/50-60
Plug (male) from heater side		16A/3P	16A/3P	16A/3P	16A/5P	16A/5P	32A/5P	32A/5P
Rated current	Α	8.7	8.7	14.5	7.2	13	22	32
Switch pos. 1		1 kW	Off	Off	Off	Off	Off	Off
Switch pos. 2		2 kW	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	Included
Temperature range	°C	0-40	5-35	5-35	5-35	5-35	5-35	5-35
Protection		IP21	IP24	IP24	IP24	IP24	IP24	IP24
Product size (I x w x h)	mm		220 x 200 x 330	260 x 260 x 410	290 x 350 x 380	300 × 400 × 430	340 x 470 x 490	350 x 540 x 590
Weight	kg	1.9	3.7	5.1	6.4	9.3	15.0	20.0
110 V		No	No	Available	No	No	No	No

















Call: <u>0845 6880112</u>





AIR HEATERS

DUCTABLE ELECTRIC



RS 30 RS 40

Room thermostat

TH5 with cable

10m

2-way outlet

B 18 – Ø 225mm

B 30 - Ø 290mm



Extension cord

B 30, RS 30, RS 40

B 30, RS 30, RS 40

B 18 – 10m

– 5m

- 10m



MASTER B 18-30, RS 30-40

- Duct connections
- Large wheels for easy transportation
- Power cord included
- Lifting eyelets for easy transport (B 30)
- Manual reset
- Built-in room thermostat (RS 40)
- Optional 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



B 18 – 2 x Ø 230mm B 30 – 2 x Ø 305mm





Optional accessories





B 30 – Ø 407 mm –7.6 m

Flexible ducts 1-way outlet B 18 – Ø 305mm – 7.6m





See page 17 for applications

Specifications	Units	B 18	B 30	RS 30	RS 40
	kW	9/18	15/30	15/30	13/26/40
Heating power	Btu/h	30,700-61,400	51,200-102,400	51,200-102,400	44,360-136,500
	kcal/h	7,740-15,480	12,900-25,800	12,900-25,800	11,200-34,400
Air flow	m³/h	1,700	3,500	3,100	3,100
Power supply	V/Hz	400/3ph/50-60	400/3ph/50-60	380-400/3ph/50	380-400/3ph/50
Plug (male) from heater side		32A/5P	63A/5P	63A/5P	63A/5P
Rated current	Α	26.0	43.5	43.0	58.0
Switch pos. 1		Off	Off	Off	Fan
Switch pos. 2		Fan	Fan	Fan	13 kW
Switch pos. 3/4	kW	9/18	15/30	15/30	26/40
Thermostat control		Optional TH5	Optional TH5	On board	On board
Temperature range	< 25	< 25	< 25	-5 - +35	-5 - +35
Protection		IP24	IP24	IP20	IP20
Product size ($l \times w \times h$)	mm	700 x 490 x 530	1030 x 580 x 680	910 x 710 x 800	990 x 710 x 800
Weight	kg	27	53	38	46



Puravent













Call: <u>0845 6880112</u>





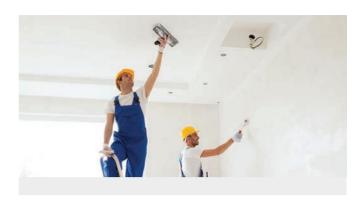
CONSTRUCTION



PD 300



PD 600



CALOREX PORTA-DRY SERIES

- Robust
- Easy to use
- Can be cleaned by jet-wash
- Operation in temperatures down to 0°C hot gas defrost supplied with Porta-Dry units
- Dual voltage Porta-Dry units can be supplied with 110/240 volt
- Non-marking wheels no tyre marks left on floors
- Comprehensive UK-based service department, supported by a nationwide service engineer network

Available options: condensate pump kit, humidistat, hours-run metre.

Applications



- Moisture removal in new houses
- Drying during construction
- Water removal after painting

Specifications	Units	Porta-Dry 300	Porta-Dry 600
Maximum	1/24	53	100
Nominal 20°C/70%RH	1/24	31	59
Nominal 30°C/80%RH	1/24	46	70
Air flow	m³/h	380	750
Power supply (AX model)	V/Hz	230/1ph/50	230/1ph/50
Dual voltage option (AJX model)	V/Hz	110/230/1ph/50	110/230/1ph/50
Recommended supply fuse (A)	А	13	13
Recommended size of dual voltage transformer	VA	800	1,400
Nominal power consumption	kW	0.65	1.07
Product size (h x w x d)	mm	820 x 363 x 365	1020 x 630 x 585
Weight	kg	38	65

















Call: <u>0845 6880112</u>





RESTORATION







CDT 30 S and CDT 40 S are fitted with a 1 kW heating element, a high pressure fan and two duct spigots, allowing connection of two flexible air ducts Ø100, each up to 5m long.



Digital display with integrated humidity control, energy counter, service status and easy fault finding allows optimal dehumidification.



DANTHERM CDT SERIES

- Long lasting metal casing
- Quiet
- Plug and play condensate pump
- Fast and energy efficient
- Digital display with integrated humidity control, energy counter, service status and easy fault finding allows optimal dehumidification
- Designed for easy handling and transportation
- Special versions available with integrated heater on CDT 30 S and CDT 40 S for ducted drying

The mobile CDT dehumidifier can be supplied with a condensate pump cassette which is fitted instead of the water container.

Applications



- Water damage restoration
- Flood drying
- Preservation
- Sewage treatment, waterworks

Specifications	Units	CDT 30	CDT 30 S	CDT 40	CDT 40 S	CDT 60	CDT 90
Capacity (30°C/80% RH)	l/24h	30	30	39	39	62	94
Air flow	m³/h	250	350*	350	560*	725	1000
Operating range:							
Temperature	°C	3-32	3-32	3-32	3-32	3-32	3-32
Humidity	%	40-100	40-100	40-100	40-100	40-100	40-100
Height with handle down	mm	736	736	823	823	903	977
Height with handle up	mm	1016	1016	1190	1190	1270	977
Width	mm	426	426	542	542	542	650
Depth	mm	506	506	539	539	539	593
Weight	kg	32	34	43	46	47	62
Water container	1	7	7	14	14	14	-

* Measured without air ducts connected













Call: <u>0845 6880112</u>







RENTAL





Wide spaces between evaporator tubes to prevent clogging



Compact foam air filter enables it to work in very dusty spaces



Easy to use manual controls



MASTER DH 26-92

- Ideal for general hire
- Long lasting metal casing
- High efficiency
- Hour counter
- Large water tank with automatic shut-off when full
- Hose connection
- Tank full indicator
- Air filter
- Hot gas defrost
- Restarts automatically after a power failure
- Large wheels and handle
- Built-in humidistat

Applications



- Building industry, restoration work
- Water damage restoration
- Flood drying
- Protection from steam condensation
- Sewage treatment, waterworks
- Storage rooms

Specifications	Units	DH 26	DH 44	DH 62	DH 92
Capacity (30°C/80% RH)	l/24h	27	41	52	80
Air flow	m³/h	350	480	480	1000
Operating range:					
Temperature	°C	0.5-35	3-35	3-35	3-35
Humidity	%	35-99	35-99	35-99	35-99
Power consumption	W	620	780	990	1600
Power supply	V/Hz	220-240/1ph/50	220-240/1ph/50	220-240/1ph/50	220-240/1ph/50
Noise	dB(A)	46	53	53	50
Tank capacity	I	8	11	11	11
Product size ($I \times w \times h$)	mm	450 x 470 x 890	600 x 580 x 850	600 x 580 x 850	580 x 600 x 1035
Weight	kg	30	43	47	66
Dual voltage		No	Available	Available	No

















Call: <u>0845 6880112</u>





RENTAL



Optional accessories





MASTER DHP 45-65

- Case made of shock and impact-resistant plastic
- Ideal for general hire
- Can be cleaned by jet washing
- On board humidistat
- External humidistat socket
- Hour counter
- Large water tank with automatic shut-off when full
- Hose connection
- Tank full indicator
- Air filter
- Hot gas defrost
- Restarts automatically after a power failure
- Large wheels and handle

Applications



- Building industry, restoration work
- Water damage restoration
- Flood drying
- Protection from steam condensation
- Sewage treatment, waterworks
- Storage rooms

Specifications	Units	DHP 45	DHP 65
Capacity (30°C/80% RH)	l/24h	46	56
Air flow	m³/h	500	500
Operating range:			
Temperature	$^{\circ}C$	3-35	3-35
Humidity	%	38-99	38-99
Power consumption	W	660	780
Power supply	V/Hz	220-240/1ph/50	220-240/1ph/50
Noise	dB(A)	53	53
Tank capacity		10.5	10.5
Product size (I x w x h)	mm	570 x 530 x 700	570 x 530 x 700
Weight	kg	47	50
Dual voltage		Available	Available







Easy to open for cleaning









Call: <u>0845 6880112</u>







ADSORPTION





DEHUTECH DTM 3300

- Weather proof
- Heavy duty outer frame
- Lifting eyes
- Stackable (3 high)
- Forklift guides
- Insulated housing in stainless steel
- PTC reactivation heater, eliminates the risk of overheating and allows stepless capacity control
- Touchscreen PLC controller, with humidity control via built in
- Rotation guard, filter alarm, run-time-meter, service alarm and fan run on timer as standard
- Fan speed control

Applications



- Temporary climate control
- Water damage
- Restoration drying
- Outdoor rental
- Dry air storage Military equipment
- Power stations and buildings

Specifications	Units	DTM 3300
Dehumidification capacity (20°C, 60% RH)	kg/h	14.7
Dry air flow (at 430 Pa available ext. pressure)	m³/h	3300
Wet air flow (at 300 Pa available ext. pressure)	m³/h	550
Noise	dB(A)	70.4
Reactivation power	kW	18
Filter class		4
Product size (I x w x h)	mm	1309 x 1060 x 1266
Weight	kg	205













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COMMERCIAL DRYING

GENERAL PURPOSE





DH 752

Optional accessories



Water pump for DH 752 Max. head height – 4m



MASTER DH 732-752

- Hot gas defrost
- High efficiency
- Durable casing
- Simple operation
- Built-in humidistat
- Water tank with automatic shut-off when full
- Hose connection
- Hour counter
- Air filter
- DH 732 are stackable

Applications



- Building industry
- Flooded buildings and cellars
- Protection from steam condensation in sewage treatments and waterworks
- Storage rooms

Specifications	Units	DH 732	DH 752
Capacity (30°C/80% RH)	l/24h	30.0	46.7
Air flow	m³/h	160	350
Operating range:			
Temperature	°C	5-32	5-35
Humidity	%	35-90	20-90
Power consumption	W	680	900
Power supply	V/Hz	220-240/1ph/50	220-240/1ph/50
Noise	dB(A)	42	52
Tank capacity	1	6.5	5.7
Product size $(l \times w \times h)$	mm	358 x 338 x 550	580 x 422 x 820
Weight	kg	19.5	30.0















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COMMERCIAL DRYING

GENERAL PURPOSE



DH 721



Optional accessories



Water pump for DH 772 Max. forcing height - 4m



MASTER DH 721-772

- Hot gas defrost (DH 772)
- High efficiency
- Durable casing
- Simple operation
- Built-in hygrostat
- Possibility of continuous operation (24 h/day)
- Water tank with automatic shut-off when full
- Hose connection
- Hour counter (DH 772)
- Air filter

Applications



DRYING DRYING

- Cellar, garage
- Warehousing
- Offices
- Library, bookstore, archives
- Laundry, drying room in hotels
- During renovation and painting work
- Flood drying

Specifications	Units	DH 721	DH 772
Capacity (30°C/80% RH)	l/24h	20	72
Air flow	m³/h	240	850
Operating range:			
Temperature	°C	5-35	5-32
Humidity	%	35-90	35-90
Power consumption	W	490	1790
Power supply	V/Hz	220-240/1ph/50	220-240/1ph/50
Noise	dB(A)	42	60
Compressor		Piston	Rotary
Tank capacity	1	4.7	15.0
Product size ($l \times w \times h$)	mm	335 x 305 x 580	586 x 436 x 1110
Weight	kg	19/21	59/64







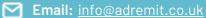






Get In Touch

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COMMERCIAL DRYING

HOME AND OFFICE



DH 720



MASTER DH 720

- Attractive design
- Compact, plastic casing
- Light, easy to transport
- Quiet operation
- Simple controls
- Built in hygrostat
- Tank full indicator
- UV lamp kills bacteria and germs
- Electronic panel control

Applications



- Humid residential rooms
- House library
- Cellars
- Laundry, drying room
- Pantry
- Collector's room
- Gallery

Specifications	Units	DH 720
Capacity (30°C/80% RH)	l/24h	20
Air flow	m³/h	150
Operating range:		
Temperature	°C	5-32
Humidity	%	35-95
Power consumption	W	390
Power supply	V/Hz	220-240/1ph/50
Noise	dB(A)	48
Tank capacity	I	5
Product size $(I \times w \times h)$	mm	410 x 210 x 550
Weight	kg	11

















DRYING OF

INDUSTRIAL DRYING

GENERAL PURPOSE



PD 1500



CALOREX PORTA-DRY 1500

- Plastisol coated galvanised steel cabinet
- Self contained with fully automatic operation
- Integral humidistat
- Polyester coated evaporator and condenser
- Usable from 0°C
- Ultra-powerful compressor
- High lift condensate pump
- Hot gas defrost for low temperature operation
- Service-optimised construction for quick cleaning and inspections
- Suitable for connecting to ducted air systems
- Easily exchangeable and washable air filter

Applications



- Industrial and commercial
- Preservation
- Sewage treatment, waterworks
- Agriculture

Specifications	Units	Porta-Dry 1500
Maximum	l/day	300
Nominal 20°C/60%RH	l/day	100
Nominal 30°C/80%RH	l/day	220
Air flow	m³/h	2200
Noise level @ 3m	dB(A)	58
Supply	V/Hz	400/3ph/50
Power input	kW	2.7
Nominal power consumption	А	6.75
Recommended fusing (A)	А	16
Required current starting phase (A)	А	30
Recommended room size construction drying	m³	1700
	m ²	600
Product size (I x w x h)	mm	1100 x 700 x 1313
Weight	kg	130

















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PROFESSIONAL COOLING

AIR-CONDITIONING





The hex unit features a speed controlled EC fan (non-UK only) that automatically adjusts to differing outside air temperatures so that the ACT 7 is always operating at its best efficiency.

Optional accessories

Additional 5m or 15m line sets (maximum length 30m per unit) Duct spigot kit

Specifications	Units	ACT 7 (All except UK)	ACT 7 (UK)
Performance*			
Cooling capacity	kW	7.0 (max)	7.0 (max)
Power supply	V/Hz	230/1ph/50	230/1ph/50
Fuse	Α	16	13
Nominal running current	Α	11.2	11
Nominal power consumption	kW	2.6	2.5
Air flow (variable)	m³/h	930-1310	930-1310
Noise level @ 3m	dB(A)	53	53
Operating range (room)	$^{\circ}C$	8-37	8-37
Product size ($h \times w \times d$)	mm	1070 x 852	1070 x 852
		x 420	x 420
Weight	kg	117	117

* Outside conditions 28°C/60% RH



DANTHERM ACT 7

- Cooling capacity of up to 7.0kW @ 28°C/60%RH room, 28°C external
- High efficiency cooling circuit
- Quick connect cooling line connectors provides easy installation, without the need to recharge water lines
- Compact outdoor heat exchanger
- Outdoor heat exchanger with automatically adjusting variable speed EC fan, for high and low temperature environments (non-UK only)
- Variable indoor unit fan speed and adjustable air outlet grille
- Peristaltic pumped condensate with 30m head and high level alarm
- Castor mounted, rugged metal construction
- Forklift guides
- Up to 30 metre installation distance between indoor unit and heat rejection unit
- R407C refrigerant
- True air-conditioning without the exhaust air gains associated with exhaust tube units

Applications



- Rental companies
- Event organisations
- Corporate hospitality specialists
- Data centres and server room cooling
- Facility management companies
- Utility companies
- Retail premises



Get In Touch

* * *

Call: <u>0845 6880112</u>



COMMERCIAL COOLING

AIR COOLERS









MASTER CCX 2.5, BC 60

- Attractive compact design
- Low installation, running and maintenance cost
- Remote control for easy operation
- Designed for easy handling and transportation
- Long uninterrupted running time without the need to refill
- Low noise
- lonizer
- Centrifugal fan

Applications



- Workshops & warehouses
- Commercial kitchens & restaurants
- Laundries
- Greenhouses & farms

Specifications	Units	CCX 2.5
Cooling pad	dm³	20
Air flow	m³/h	2,500
Maximum area	m^2	50
Power consumption	W	280
Power supply	V/Hz	230/1ph/50
Rated current	Α	1.2
Fan speed		3
Outlet versions		Front
Water consumption	l/h	3-7
Tank capacity		31
Tank level control		Yes
Noise	dB(A)	67
Product size ($l \times w \times h$)	mm	430 x 610 x 1170
Weight (without/with water)	kg	23/54

BC 60

Specifications	Units	BC 60
Cooling pad	dm³	50
Air flow	m³/h	6,000
Maximum area	m^2	150
Power consumption	W	280
Power supply	V/Hz	230/1ph/50
Rated current	Α	1.2
Fan speed		3
Outlet versions		Front
Water consumption	l/h	7
Tank capacity		57
Direct water connection	inches	1/2"
Tank level control		Yes
Noise	dB(A)	62
Product size ($l \times w \times h$)	mm	540 x 750 x 1400
Weight (without/with water)	kg	35/92

















Call: <u>0845 6880112</u>





INDUSTRIAL COOLING

AIR COOLERS



BC 180 (30")





MASTER BC 180-340

- For industrial application use
- Low noise
- Adjustable speed
- Automatic swing function as a standard
- Time setting function
- Large water tank for longer operating hours
- Large wheels and brake allow easy movement
- No need for compressed air
- No installation, no duct work required
- Easy to use, easy to clean
- Corrosion resistant plastic casing
- Easy to maintain
- Automatic water supply
- Remote control

Applications

- Workshops & warehouses
- Plastic, glass, assembly & painting plants
- Cow barns
- Greenhouses

Specifications	Units	BC 180	BC 340
Cooling pad	dm³	180	340
Air flow	m³/h	15,000	20,000
Maximum area	m^2	330	400
Power consumption	W	750	1100
Power supply	V/Hz	220-240/1ph/50	220-240/1ph/50
Rated current	Α	4.5	4.5
Water consumption	l/h	12-18	15-20
Tank capacity	1	100	200
Direct water connection	inches	1/2"	1/2"
Tank level control		Yes	Yes
Product size $(l \times w \times h)$	mm	1130 x 690 x 1640	1580 x 750 x 1820
Weight	kg	58	105



Puravent















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Our Address

PROFESSIONAL BLOWERS AND AIR CIRCULATORS

COMPACT METAL





MASTER BLM 4800-6800

- Robust and durable construction
- Metal casing
- Easy to use and transport
- High air flow
- Motor with thermal protection
- Ducting connection on inlet and outlet side

Optional accessories







Dust b BLM 480 BLM 6800 Dust bag filtration level – EPA 10

Applications





- Commercial kitchens
- Laundries
- Greenhouses
- Farms

oag – 3m		•
200		

Specifications	Units	BLM 4800	BLM 6800
Air flow	m³/h	1500	3900
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	mm	227	317
Inlet diameter	mm	250	340
Air current		Blow out/suction	Blow out/suction
Protection		IP44	IP44
Product size $(I \times w \times h)$	mm	250 x 305 x 230	343 x 383 x 317
Weight	kg	6.4	9.5















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PROFESSIONAL BLOWERS AND AIR CIRCULATORS

COMPACT PLASTIC







Optional accessories



Flexible ducting 7.6m BL 4800 – Ø 205mm BL 6800 – Ø 305mm BL 8800 – Ø 407mm



Dust bag – 3m BLM 4800 BLM 6800 BL 8800 Dust bag filtration level – EPA 10



MASTER BL 4800-8800

- Robust and durable construction
- Easy to use and transport
- High air flow
- Ducting connection

MASTER CD 5000

- Flat diffuser
- Robust and durable construction
- Easy to use and transport
- Equipped with an additional socket for series connection

Applications



- Workshops
- Warehouses
- Commercial kitchens
- Laundries
- Greenhouses
- Farms

Specifications	Units	BL 4800	BL 6800	BL 8800	CD 5000
Air flow	m³∕h	750	3900	7800	2640
Max. air pressure	Pa	245	388	496	500
Fan type		Axial	Axial	Axial	Radial
Fan speed		1	1	1	3
Power consumption	W	250	750	750	384/452/550
Power supply	V/Hz	220-240/1ph/50	220-240/1ph/50	220-240/1ph/50	220-240/1ph/50
Outlet diameter	mm	200	300	400	120 x 420
Air current		Blow out/suction	Blow out/suction	Blow out/suction	Blow out
Protection		IP44	IP44	IP44	IP24
Product size ($l \times w \times h$)	mm	340 x 250 x 370	470 x 370 x 520	510 x 530 x 580	510 x 420 x 480
Weight	kg	7.2	14.7	19.0	14.2















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Our Address

PROFESSIONAL AIR CIRCULATORS

LARGE METAL









MASTER DF 20-36

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

Applications



- Workshops
- Warehouses
- Restaurants
- Greenhouses
- Farms

Specifications	Units	DF 20	DF 30	DF 36
Air flow ERP	m³/h	6,600	10,200	13,200
Air flow IE	m³/h	6,600	24,000	27,600
Fan type		Axial	Axial	Axial
Outlet diameter	mm	500	750	900
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	IP20	IP20
Product size $(l \times w \times h)$	mm	690 x 200 x 675	910 x 350 x 935	1030 x 380 x 1100
Weight	kg	9	32	41











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DF 30 (30") DF 36 (36")