

DANTHERM GROUP

MDS
MASTER[®]
CLIMATE SOLUTIONS

Master BV 77-110-170-290 – indirect oil fired air heaters

Indirect oil fired air heaters – high pressure

Master indirect oil heaters are highly efficient and generate 100% clean, dry and fume-free warm air. They are ideal for places with limited ventilation like shops, event tents, food preparation areas or exhibition halls. They can be used with flex hoses to distribute the warm air.



Master BV 77 – indirect oil fired air heaters



Master BV 110 – indirect oil fired air heaters



Master BV 170 – indirect oil fired air heaters

Master BV 290 – indirect oil fired air heaters



Master indirect heaters applications

Master BV 77 oil fired indirect air heater



Master BV heaters air recycling video

Master BV 290 construction site



Master BV 77 fire service tent heating

Master BV 77 heating tents in Croatia after earthquake

Key features

- ✓ 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

Product specifications

Specifications	Units	BV 77
Heating power	kW	21
Heating power	Btu/h	71,700
Heating power	kcal/h	18,100
Air flow	m ³ /h	1,550

Specifications	Units	BV 77
Fuel autonomy	h	19
Thermostat control		Analogue or digital
Fuel consumption	l/h	2
Power supply	V/Hz	220-240/1ph/50
Electric power	kW	0.3
Rated current	A	1.5
Protection		IP40
Tank capacity	l	36
Flue tube	Ømm	120
Flex tube	Øcm	31
Product size (l x w x h)	mm	1130 x 380 x 660
Box size (l x w x h)	mm	1200 x 400 x 530
Net/gross weight	kg	33/37
Pallet	pcs	8
Dual voltage		Available

Specifications	Units	BV 110
Heating power	kW	34
Heating power	Btu/h	116,000
Heating power	kcal/h	29,200
Air flow	m ³ /h	1,800
Fuel autonomy	h	21
Thermostat control		Analogue or digital
Fuel consumption	l/h	3.2

Specifications	Units	BV 110
Power supply	V/Hz	220-240/1ph/50
Electric power	kW	0.8
Rated current	A	3.5
Protection		IP44
Tank capacity	l	65
Flue tube	Ømm	150
Flex tube	Øcm	34
Product size (l x w x h)	mm	1235 x 575 x 1000
Box size (l x w x h)	mm	1200 x 650 x 1000
Net/gross weight	kg	61/76
Pallet	pcs	1
Dual voltage		No

Specifications	Units	BV 170
Heating power	kW	49
Heating power	Btu/h	167,200
Heating power	kcal/h	42,100
Air flow	m ³ /h	1,800
Fuel autonomy	h	14
Thermostat control		Analogue or digital
Fuel consumption	l/h	4.7
Power supply	V/Hz	220-240/1ph/50
Electric power	kW	0.8
Rated current	A	3.5
Protection		IP44

Specifications	Units	BV 170
Tank capacity	l	65
Flue tube	Ømm	150
Flex tube	Øcm	34
Product size (l x w x h)	mm	1350 x 575 x 1000
Box size (l x w x h)	mm	1330 x 650 x 1000
Net/gross weight	kg	67/84
Pallet	pcs	1
Dual voltage		Available

Specifications	Units	BV 290
Heating power	kW	85
Heating power	Btu/h	290,000
Heating power	kcal/h	73,100
Air flow	m ³ /h	3,300
Fuel autonomy	h	13
Thermostat control		Analogue or digital
Fuel consumption	l/h	8.1
Power supply	V/Hz	220-240/1ph/50-60
Electric power	kW	1.06
Rated current	A	4.6
Protection		IP44
Tank capacity	l	105
Flue tube	Ømm	150
Flex tube	Øcm	41
Product size (l x w x h)	mm	1600 x 700 x 1150

Specifications	Units	BV 290
Box size (l x w x h)	mm	1670 x 750 x 1180
Net/gross weight	kg	101/123
Pallet	pcs	1
Dual voltage		Available