

Technical specification for:
EC22/Red Star 25
Indirect Fired Heater



Performance Data

Heating Output	19.6 kW
Operating Temperature	If used in conjunction with heavy duty thermostat, temp range of -5/+50°C
Temperature Increase	95 °C
Fan Type	Axial Fans
Air Flow	550 m ³ /hr

Connections

Outlet Diameter	N/A
Max Duct Length	7.6 Mtrs

Fuel

Fuel Consumption	1.85 ltrs/hr
Tank Capacity	42 ltrs
External Tank Connection	No

Electrical

Power Supply	230V / 1 / 50 (V / Ø / Hz)
Plug type	13A 3 Pin BS1363
Max Current	1.3 A

Physical

Sound Level	69 dBa
Weight	40 Kg
Dimensions (Width)	1075 mm
Dimensions (Length)	440 mm
Dimensions (Height)	615 mm

Technical specification for:
EC32/Red Star 30
Indirect Fired Heater



Performance Data

Heating Output	34.1 kW
Operating Temperature	If used in conjunction with heavy duty thermostat, temp range of -5/+50°C
Temperature Increase	75 °C
Fan Type	Axial Fans
Air Flow	1,150 m ³ /hr

Connections

Outlet Diameter	300 mm
Max Duct Length	7.6 Mtrs

Fuel

Fuel Consumption	1.85 ltrs/hr
Tank Capacity	42 ltrs
External Tank Connection	No

Electrical

Power Supply	230V / 1 / 50 (V / Ø / Hz
Plug type	13A 3 Pin BS1363
Max Current	1.3 A

Physical

Sound Level	69 dBA
Weight	40 Kg
Dimensions (Length)	1212 mm
Dimensions (Width)	440 mm
Dimensions (Height)	670 mm

Technical specification for:
EC55/Red Star 55
Indirect Fired Heater



Performance Data

Heating Output	58.6 kW
Operating Temperature	If used in conjunction with heavy duty thermostat, temp range of -5/+50°C
Temperature Increase	66 °C
Fan Type	Axial Fans
Air Flow	2,500 m ³ /hr

Connections

Outlet Diameter	300-350 mm
Max Duct Length	7.6 mtrs

Fuel

Fuel Consumption	4.64 ltrs/hr
Tank Capacity	65 ltrs
External Tank Connection	No

Electrical

Power Supply	230V / 1 / 50 (V / Ø / Hz)
Plug type	13A 3 Pin BS1363
Max Current	3.8 A

Physical

Sound Level	72 dBA
Weight	110 Kg
Dimensions (Length)	1435 mm
Dimensions (Width)	555 mm
Dimensions (Height)	940 mm

Technical specification for:
EC85/Red Star 85
Indirect Fired Heater



Performance Data

Heating Output	90.6 kW
Operating Temperature	If used in conjunction with heavy duty thermostat, temp range of -5/+50°C
Temperature Increase	77 °C
Fan Type	Axial Fans
Air Flow	4,300 m ³ /hr

Connections

Outlet Diameter	300-400 mm
Max Duct Length	7.6 mtrs

Fuel

Fuel Consumption	7.17 ltrs/hr
Tank Capacity	105 ltrs
External Tank Connection	Yes

Electrical

Power Supply	230V / 1 / 50 (V / Ø / Hz)
Plug type	16A 3 Pin BS4343 / 13A 3 Pin
Max Current	6.4 A

Physical

Sound Level	75
Weight	110 Kg
Dimensions (Length)	1740 mm
Dimensions (Width)	690 mm
Dimensions (Height)	1025 mm

Technical specification for:
Jumbo 145/150
Indirect Fired Heater



Performance Data

Heating Output	137 kW
Operating Temperature	48°C
Temperature Increase	48°C
Fan Type	7 Blade High Performance Fan
Air Flow	12,000 m ³ /hr

Connections

Outlet Diameter	600 mm
Max Duct Length	25 mtrs

Fuel

Fuel Consumption	11.45 ltrs/hr
Tank Capacity	External
External Tank Connection	Yes

Electrical

Power Supply	230V / 1 / 50 (V / Ø / Hz)
Plug type	16A 3 Pin BS4343
Max Current	7.1 A

Physical

Sound Level	<67 dBA @ 2 Mtrs
Weight	260 Kg
Dimensions (Length)	1905 mm
Dimensions (Width)	890 mm
Dimensions (Height)	1354 mm

Technical specification for:
Jumbo 200/235
Indirect Fired Heater



Performance Data

Heating Output	235 kW
Operating Temperature	55 °C
Temperature Increase	55 °C
Fan Type	7 Blade High Performance Fan
Air Flow	17,000 m ³ /hr

Connections

Outlet Diameter	700 mm
Max Duct Length	30 mtrs

Fuel

Fuel Consumption	18.65 ltrs/hr
Tank Capacity	External
External Tank Connection	Yes

Electrical

Power Supply	230V/ 1 / 50 (V / Ø / Hz)
Plug type	16A 3 Pin BS4343
Max Current	11.2 A

Physical

Sound Level	<67 db @ 2 Mtrs
Weight	357 Kg
Dimensions (Length)	2630 mm
Dimensions (Width)	1042 mm
Dimensions (Height)	1840 mm

Technical specification for:
Titan 235
Indirect Fired Heater



Performance Data

Heating Output	235 kW
Operating Temperature	43 °C
Temperature Increase	47 °C
Fan Type	High Output, High Performance Fan
Air Flow	20,000 m ³ /hr

Connections

Outlet Diameter	700 mm
Max Duct Length	50 mtrs

Fuel

Fuel Consumption	18.65 ltrs/hr
Tank Capacity	External
External Tank Connection	Yes

Electrical

Power Supply	415V / 3 / 50 (V / Ø / Hz)
Plug type	3 Phase 32A 3 Pin BS4343
Max Current	9.1 A

Physical

Sound Level	<69 db @ 2 Mtrs
Weight	535 kg
Dimensions (Length)	2630 mm
Dimensions (Width)	1042 mm
Dimensions (Height)	1840 mm

Technical specification for:
IDF 375
Indirect Fired Heater



Performance Data

Heating Output	375 kW
Operating Temperature	-30 °C --+60 °C
Temperature Increase	38.86 °C
Fan Type	Axial Fans
Air Flow	21,600 m ³ /hr

Connections

Outlet Diameter	650 mm
Max Duct Length	180 mtrs

Fuel

Fuel Consumption	35 ltrs/hr
Tank Capacity	External
External Tank Connection	Yes

Electrical

Power Supply	415V / 3 / 50 (V / Ø / Hz)
Plug type	32A 5 Pin BS4343
Max Current	22 A

Physical

Sound Level	72 dBA @ 10 Mtr
Weight	1,200 Kg
Dimensions (Length)	1190 mm
Dimensions (Width)	3620 mm
Dimensions (Height)	2440 mm

Technical specification for:
IDF 180
Indirect Fired Heater



Performance Data

Heating Output	375 kW
Operating Temperature	-30 °C --+60 °C
Temperature Increase	°C
Fan Type	Axial Fans
Air Flow	9.54 m ³ /hr

Connections

Outlet Diameter	
Max Duct Length	

Fuel

Fuel Consumption	20 ltrs/hr
Tank Capacity	External
External Tank Connection	Yes

Electrical

Power Supply	415V / 3 / 50 (V / Ø / Hz)
Plug type	32A 5 Pin BS4343
Max Current	12 A

Physical

Sound Level	
Weight	1,200 Kg
Dimensions (Length)	1190 mm
Dimensions (Width)	3620 mm
Dimensions (Height)	2440 mm