

GRY – I

Diesel/Kerosene indirect-fired heater



The GRY heater line provides a cost effective spot and space heating for an extensive variety of applications. The series of indirect fired combustion diesel and kerosene heaters are primarily designed for drying in buildings and for heating purpose of medium to large premises.

The principle of operation

On the GRY-I heaters a rotary compressor drives air under pressure to the burner nozzle. The vacuum created inside the nozzle sucks the fuel from the tank. The mixture of fuel and air is then sprayed into the combustion chamber and ignited. The fan blows air along the surfaces of the combustion chamber, air is warmed and released through the front outlet. The combustion products are vented outside through the exhaust pipe.

Design

All models are fitted with wheels to be easily moved.

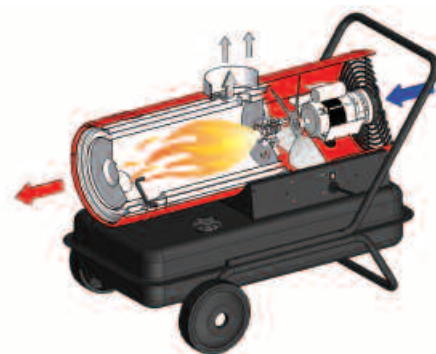
The combustion chambers on all models are made out of especially treated temperature resistant stainless steel. The byproduct of the combustion mainly consists of water vapor and carbon dioxide (CO₂) which results in low emission.

In the GRY - I series all exhaust gases are expelled through the chimney. The hot air released from the heater is clean. GRY - I heaters can therefore

EQUIPMENT

GRY – I

- Compact design
- Functions on diesel or kerosene
- Wide range of heaters from 15-40 kW
- Ideal for drying and heating
- Very easy to operate
- Safety switch preventing overheating
- Rotary air compressor
- Set to be connected to a room thermostat
- Suitable for outdoor use

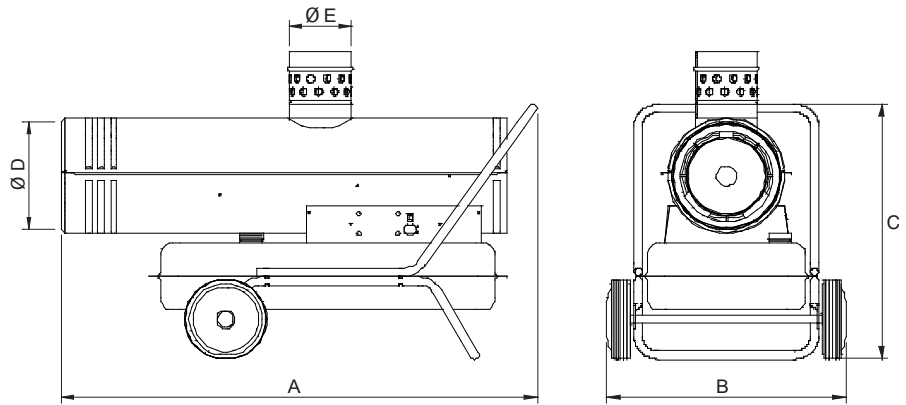


High efficiency in a solid and flexible design for both mobil heating and hanging installations.

be used in closed areas when ducted.
The units are all automatic and include a specially designed control board to operate the heater as well as controlling the flame. All units can be connected to a room thermostat. All the heaters include safety devices to control the flame, prevent overheating and also to optimize the fuel consumption.

The units are also suitable for outdoors usage and meeting the requirements of the IPX4D protection class.

The GRY (I) indirect range has got a high efficiency in a compact design.



GRY – I Indirect heater with wheels.

Dimensions

	A		B		C		Ø D		Flue gas pipe Ø E		Weight	
	[mm]	[inch]	[mm]	[inch]	[mm]	[inch]	[mm]	[inch]	[mm]	[inch]	[kg]	[lb]
GRY – I 15	860	33.86	485	19.09	570	22.44	213	8.39	118	4.65	35	77
GRY – I 25	930	36.61	560	22.05	625	24.61	263	10.35	150	5.91	40	88
GRY – I 40	1,065	41.93	560	22.05	650	25.59	263	10.35	150	5.91	42	93

Technical specifications

Model		GRY – I 15	GRY – I 25	GRY – I 40
Thermal Power	[kW]	14.5*	26	38.5*
	[kcal/h]	12,500*	22,400	33,200*
	[Btu/h]	50,000*	89,400	132,600*
Efficiency	[%]	81.40	81.60	81.40
Airflow	[m ³ /h]	650	800	1,200
	[cfm]	383.5	472	708
Motor Power	[W]	150	250	250
Fuel Consumption	[l/h]	1.34	2.59	3.54
Voltage		230V-50Hz	230V-50Hz	230V-50Hz
		110V-60Hz	110V-60Hz	110V-60Hz
Tank Capacity	[lt]	30	46	46
	[US gallon]	8.0	12.2	12.2

*Based on upper calorific value H_S

Order information

GRY – I-XX-X-X e.g., GRY – I-20-W-E

Code for specifying size in kW.

15, 25, 40

Code for specifying the extra equipment.

W wheels

Code for specifying voltage.

E 230V-50Hz

U 110V-60Hz

For accessories see separate leaflet.

GRY – I is a product of Munters Italy S.p.A., Italy.



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