



Product sheet GPmp

- Dedicated for AgHort applications i.e. Poultry, Swine and Greenhouse
- Corrosion resistant as housing components are made in Munters Protect and combustion chamber made in stainless steel AISI 430
- Oil or gas-fired burners installed, calibrated and set in the factory
- Thermal efficiency exceeding 90%
- Direct driven motor on both axial and centrifugal fan
- Ergonomic design for comfortable maintenance and full accessibility
- IP55 enclosure of critical components e.g. electrical control box, electric motor
- Predisposed 5 poles plug socket for farm controller or room thermostat connection



GPmp indirect oil or gas-fired air heater

GPmp air heaters are designed for use in either livestock housing or greenhouse.

The stylish design of the trusted GPmp air heater series came about through the efforts of the engineering and industrial design expertise within Munters. As a complement to the design, the heaters feature a Munters Protect finish, ensuring the units will maintain their great appearance even after many years of service. The heater units are based on a compact modular design concept. Versatility, flexibility and efficient logistics are the results of this concept. Heaters are available as hanging units; with an axial or centrifugal fan; oil or gas burners. With the unique design of the legs and support frame it is easy to handle, transport, install and maintain the units; saving time and costs.

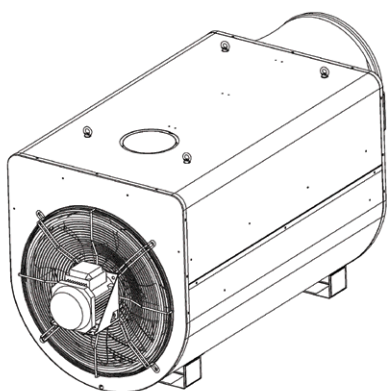
All models have an indirect fired design featuring thermal efficiencies of 90% or higher, meaning more heating output for the same fuel consumption. Operating noise levels have been reduced noticeably, creating a more pleasant environment for occupants of the structure being heated. Centrifugal fans are directly driven, eliminating maintenance requirements on v-belts. Corrosion resistance has been a key objective in the selection of every component: Munters Protect housing, stainless steel combustion chamber; Munters Protect legs and support frame; IP55 electrical enclosures, and stainless steel safety thermostats. During hot periods, these units will come in handy too, with the ability to switch only the fan on and use the heater as an air circulator.



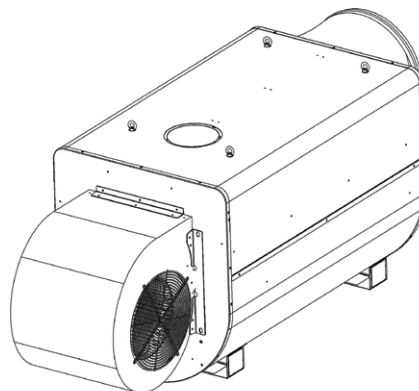
GPmp

Fan options

Axial fan

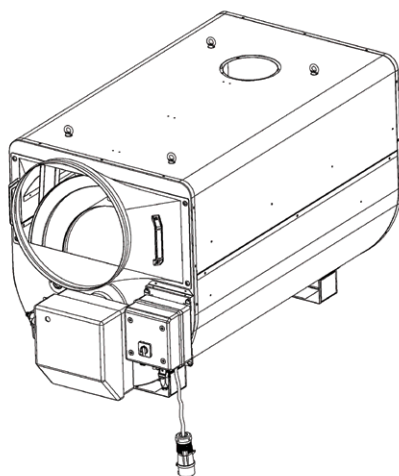


Centrifugal fan

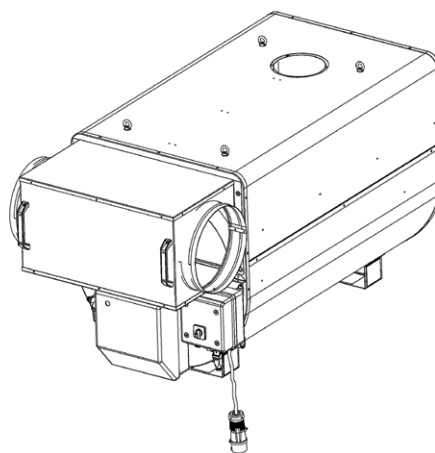


Outlet options

Straight outlet



T - outlet

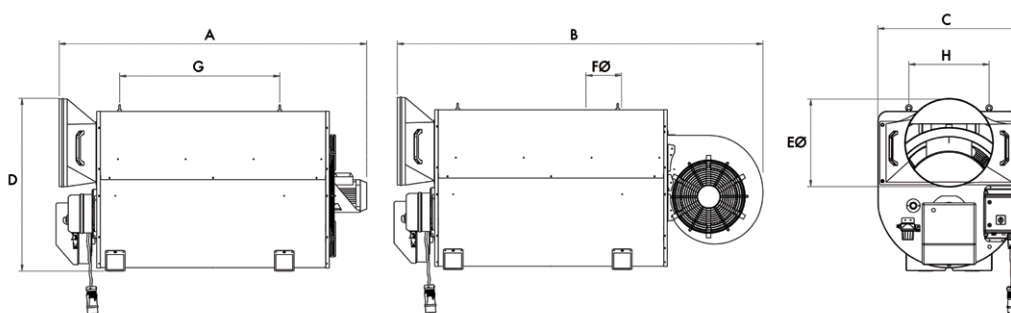


Burner options

Model	Oil		Gas	
	Riello	Finterm	Riello	Finterm
GPmp100	Gulliver RG2F	AZ10	40FS10	-
GPmp130	Gulliver RG3F	AZ20/L	40FS15	-
GPmp160	Gulliver RG3F	AZ20/L	40FS15	-

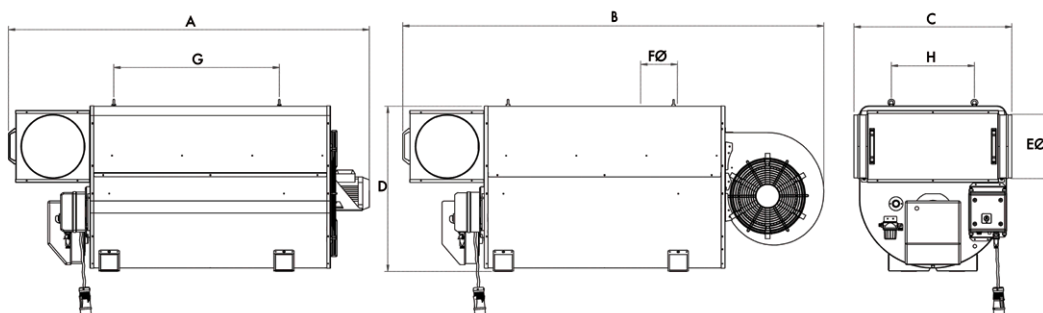
Dimensions

Straight outlet



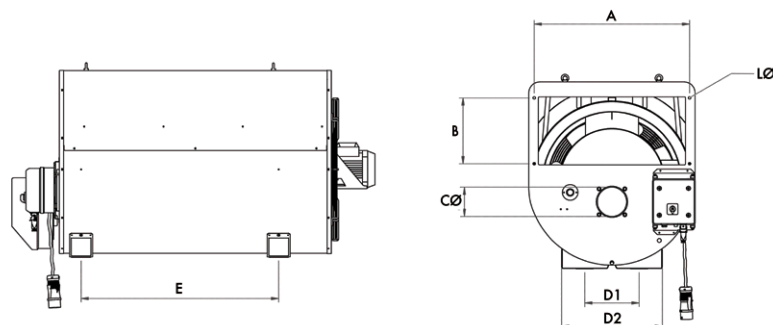
Model	A	B	C	D	E (Ø)	F (Ø) chimney	G	H
GPmp100	1,470	1,720	800	966	500	149	650	450
GPmp130	1,723	2,051	800	966	500	199	897	450
GPmp160	1,768	2,071	892	1,065	600	199	895	500

T - outlet



Model	A	B	C	D	E (Ø)	F (Ø) chimney	G	H
GPmp100	1,700	1,950	855	894	347	149	650	450
GPmp130	1,954	2,282	855	894	347	199	897	450
GPmp160	2,030	2,330	905	979	397	199	895	500

Outlet mounting



Model	A	B	C (Ø)	L (Ø)	D1	D2	E
GPmp100	745	315	130	M8	261	483	700
GPmp130	745	315	140	M8	261	483	947
GPmp160	795	395	140	M8	288	536	945

All measurements are in millimeters.

Technical specifications

Model		GPmp100	GPmp130	GPmp160
Weight (with axial fan and straight outlet)	[Kg]	155	188	195
Maximum power output	kW [Kcal/h]	102.4 [88,043]	129 [110,870]	157 [134,780]
Working power output	kW [Kcal/h]	93 [79,943]	116.5 [100,120]	141 [121,030]
Diesel oil consumption	l/h [gal/h]	9.5 [2.5]	12.0 [3.16]	14.6 [3.85]
Gas consumption natural gas	[m³/h]	9.53	12.39	15.25
Gas consumption propane gas	[kg/h]	3.76	4.89	6.02
Efficiency (diesel oil)	%	91	90	90
Nominal electrical power*	[W]	1,400	2,200	2,600
3 phase voltage	[V]	230/400	230/400	230/400
Single phase voltage	[V]	230	230	-
Airflow (axial fan)**	m³/h [cfm]	6,600 [3,885]	7,400 [4,355]	9,800 [5,768]
Airflow (centrifugal fan)**	m³/h [cfm]	6,700 [3,944]	8,950 [5,268]	9,800 [5,768]
Protective class for electrical motor		IP55		
Electrical motor winding insulation class		F		

* Value referred to 3 phase electrical motor.

** Value referred to standard condition (20°C; 1,013 hPa).

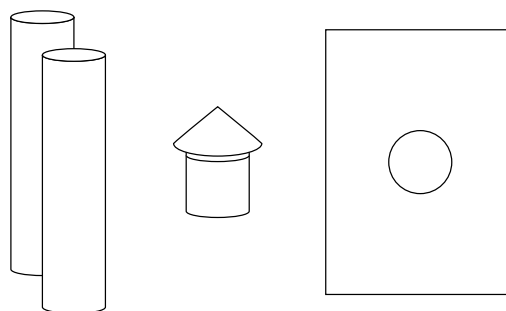
Available accessories

Accessories:

- Mechanical thermostat
- Digital thermostat
- Chimney kit 150mm
- Chimney kit 200mm

Contents of chimney kit (see picture):

- 2x1m pipe extension
- 1x hat
- 1x roof/pass plate



Munters GPmp heater is developed and produced by Munters Italy S.p.A., Italy



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