

GP RANGE: MANUAL AND AUTOMATIC MOBILE LPG DIRECT FIRED SPACE HEATERS

MAXIMUM PERFORMANCE
MINIMUM CONSUMPTION

GP



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COMPANY WITH QUALITY MANAGEMENT
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= ISO 9001:2008 =

ARCOTHERM SPACE HEATERS OF THE GP RANGE PROVIDE IMMEDIATE AND ECONOMICAL HEAT

Manual (GP/M) or automatic (GP/A) they can be widely used in building sites, greenhouses, animal breeding, and in any case in ventilated premises, for drying, deicing and heating. Direct LPG-fired GP space heaters are also ideal for carbon dioxide fertilizing in greenhouses. Versatile and reliable, they are easy to use and safe thanks to the control devices which, in case of malfunctioning, cut off the motor and the gas flow.

HEATING EFFICIENCY

Thanks to the perfect combustion of propane gas, the combustion residues are very low, reaching a 100% efficiency.

BIG HEATING CAPACITY, EASY TO OPERATE

Easy to transport wherever they are needed, the start-up is immediate as its maximum hot air output. The automatic models (GP/A) can be equipped with:

- a thermostat or timer allowing the regulation and control of the heat;
- a post ventilation time (30 sec.), electronically set by a control flame box to lower the combustion chamber temperature.

RELIABILITY

The project derives from a long and consolidated experience in the sector, materials and production are carefully selected and controlled.

APPROVALS

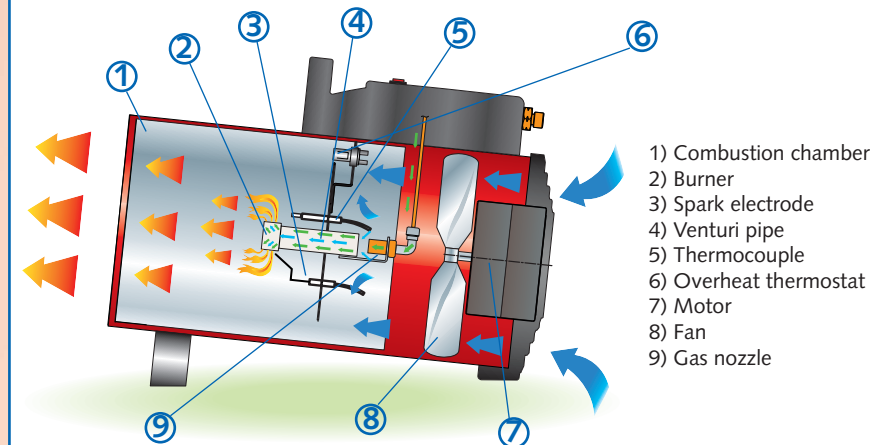
The GP range is CE approved as per the European standard UNI EN 1596:2008.

SAFETY

The GP/A models are equipped with an electronic control flame device.

The GP/M models are equipped with a safety thermocouple to cut off the gas supply in case of unstable or lacking flame.

Functioning scheme GP 10 - GP 18



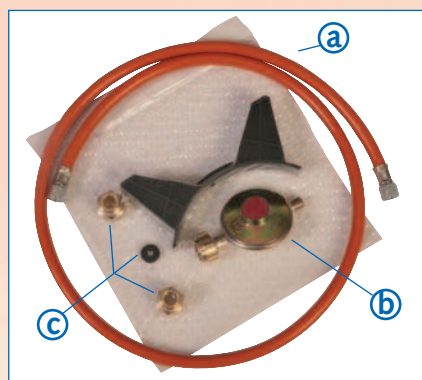
Technical features GP 10 - GP 18



- a) Very strong plastic feet
- b) Power cord length 30 cm



- c) Manual gas valve
- d) Gas inlet connection
- e) Piezoelectric
- f) Power switch

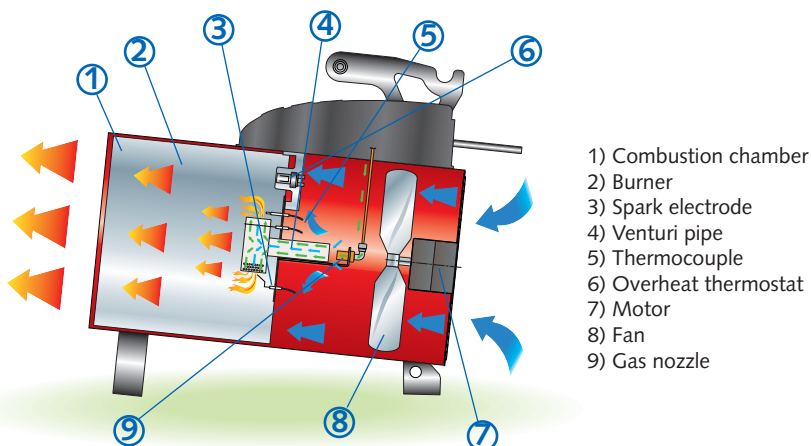


- a) Gas hose length 1,5 m
- b) Fix (GP10) or adjustable (GP18) gas pressure reducer
- c) Gas bottle connections

model	GP 10	GP 18
thermal power capacity HS (kW)	10,70	18,58÷11,3
gas pressure (bar)	0,3	0,7÷0,3
airflow (m³/h)	420	520
temperature rise (°C)	35	35
power (W-A)	46-0,30	50-0,40
power requirement (V-Hz)	230-50	230-50
net weight (kg)	5,0	5,5
dimensions (mm)	367x180x280	425x180x280
shipping dimensions (mm)	392x277x217	447x277x217
gross weight (kg)	6	6,5

The specifications are not binding and may be modified without notice.

Functioning scheme GP 30 - GP 45 - GP 65 - GP 85

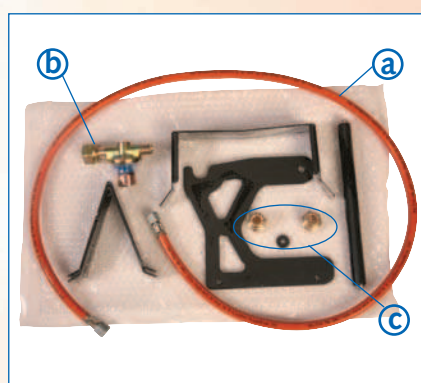


- 1) Combustion chamber
- 2) Burner
- 3) Spark electrode
- 4) Venturi pipe
- 5) Thermocouple
- 6) Overheat thermostat
- 7) Motor
- 8) Fan
- 9) Gas nozzle

Technical features GP 30 - GP 45 - GP 65 - GP 85



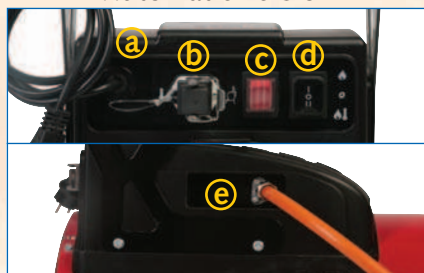
- a) Handle and power cord support
- b) Very strong steel painted feet
- c) Power cord length 1,5 m



- a) Gas hose length 1,5 m
- b) Adjustable gas pressure reducer
- c) Gas bottle connections

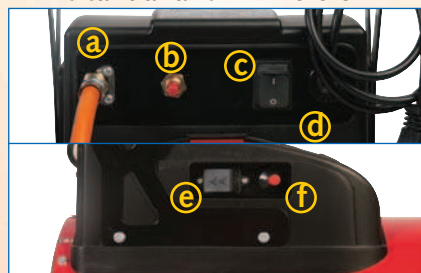
Control panel

Automatic version



- a) Power cord
- b) Remote thermostat socket
- c) Reset push button
- d) Power switch
- e) Gas inlet connection

Manual and DV version



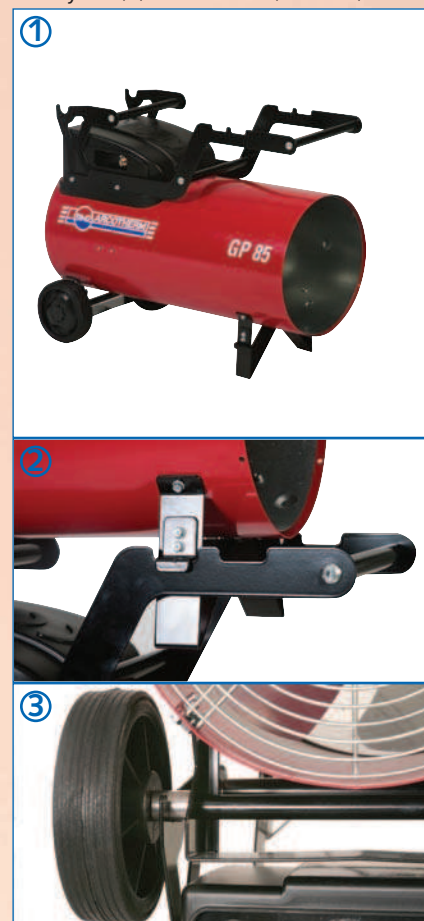
- a) Gas inlet connection
- b) Manual gas valve
- c) Power switch
- d) Power cord
- e) Dual voltage selector (only DV models)
- f) Piezoelectric

model	GP 30	GP 45	GP 65	GP 85
thermal power capacity HS (kW)	31,40÷15,08	46,73÷22,76	66,25÷32,33	84,81÷40,95
gas pressure (bar)	1,5÷0,4	1,5÷0,4	1,5÷0,4	1,5÷0,4
airflow (m³/h)	1100	1250	1950	2550
temperature rise (°C)	49	62	87	65
power (W-A)	90-0,55	112-0,70	140-0,87	240-1,15
power requirement (V-Hz)	230-50/60	230-50/60	230-50/60	230-50
net weight (kg)	10	12	14	16
dimensions (mm)	505x277x511	575x277x511	580x317x538	700x317x538
shipping dimensions (mm)	542x387x315	610x387x315	632x432x350	732x432x350
gross weight (kg)	11	13	15	17

The specifications are not binding and may be modified without notice.

Optional

Trolley kit (1) and details (2 and 3)



Trolley kit allows the machines stackability up to four units

Control panel

Automatic version



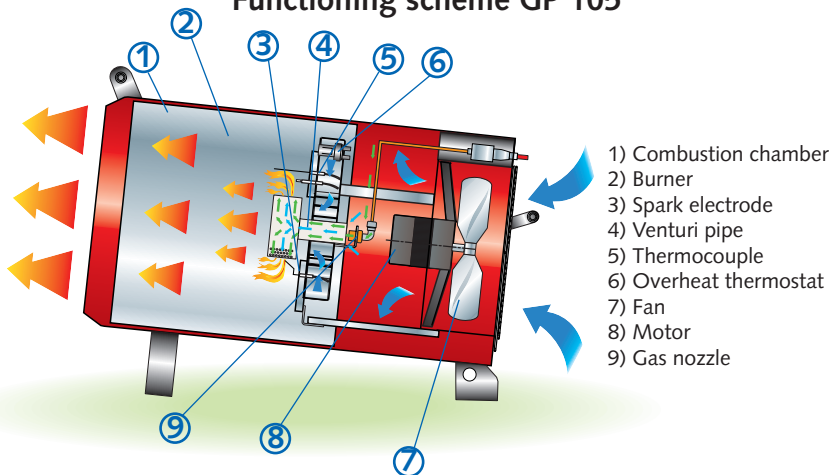
- a) Remote thermostat socket
- b) Power switch
- c) Reset push button
- d) Power cord
- e) Gas inlet connection

Manual and DV version



- a) Piezoelectric
- b) Power switch
- c) Gas inlet connection
- d) Manual gas valve
- e) Power cord
- f) Dual voltage selector (only DV model)

Functioning scheme GP 105



Technical features GP 105



- a) Front handle
- b) Feet
- c) Wheels (is usable also without wheels)
- d) Rear handle
- e) Power cord length 1,5 m

Stackability



Vertical storage



model

thermal power capacity HS (kW)

gas pressure (bar)

airflow (m³/h)

temperature rise (°C)

power (W-A)

power requirement (V-Hz)

net weight (kg)

dimensions (mm)

shipping dimensions (mm)

gross weight (kg)

GP 105

108,71÷48,81

1,5÷0,4

3700

71

400-1,95

230-50

26

835x438x606

845x460x470

29

The specifications are not binding and may be modified without notice.

Stop gas valve - optional for all models GP



Two stop gas valves (anti hose breaking) models are available as optional on the full GP range:

- 1/4" connection for GP 10÷18
- 3/8" connection for GP 30÷105

Both valves are screwable on the gas pressure reducer.



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