

i-290 0127 Heat Pump

R290 Gas

i-290

Key Features

- ▶ Inverter Monoblock.
- ▶ Single solution for heating, cooling and hot water production.
- ▶ Unique design integrates advanced technical solutions and modern aesthetics.
- ▶ The i-290 range is available in 9 sizes, with power between 6 kW and the 27 kW.
- ▶ Maxa's i-290 heat pumps are designed to generate high water temperature even in the harshest conditions.
- ▶ Made in Italy.
- ▶ Market leading SCOP's.
- ▶ 3 year Manufacturer's warranty. For information about extended warranties contact Energy Lab.



| Cooling | | |
|-------------------------------------|-----|------------|
| Cooling capacity (1) | kW | 22,3 |
| Power input (1) | kW | 7,19 |
| E.E.R. (1) | W/W | 3,10 |
| Cooling capacity (2) | kW | 27,9 |
| Power input (2) | kW | 6,43 |
| E.E.R. (2) | W/W | 4,34 |
| SEER (5) | W/W | 4,84 |
| Water flow rate (1) | L/s | 1,07 |
| Useful head (1) | kPa | 117 |
| Heating | | |
| Heating capacity (3) | kW | 27,0 |
| Power input (3) | kW | 6,21 |
| C.O.P. (3) | W/W | 4,35 |
| Heating capacity (4) | kW | 26,3 |
| Power input (4) | kW | 8,74 |
| C.O.P. (4) | W/W | 3,01 |
| Heating capacity (11) | kW | 25,8 |
| Power input (11) | kW | 10,3 |
| C.O.P. (11) | W/W | 2,50 |
| SCOP (6) | W/W | 4,46 |
| Water flow rate (3) | L/s | 0,79 |
| Useful head (3) | kPa | 142 |
| Energy efficiency (Water 35°C-65°C) | | A+++ / A++ |

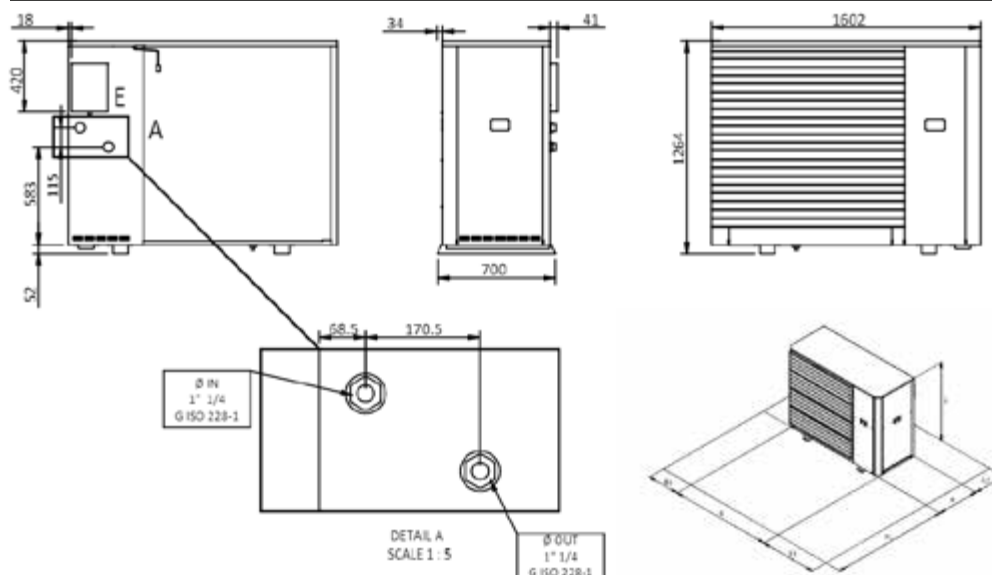
| Compressor | | |
|------------------------------------|-------|--------------------|
| Type | | Scroll DC Inverter |
| Compressors | n° | 1 |
| Refrigerant circuits | n° | 1 |
| Refrigerant quantity (7) | kg | 2,1 |
| Hydraulic circuit | | |
| Plumbing fittings | inch | 1" 1/4 M |
| Minimum water volume (8) | L | 225 |
| Noise level | | |
| Sound power (9) | dB(A) | 65 |
| Sound pressure at 1m distance (10) | dB(A) | 49 |
| Electrical data | | |
| Power supply | | 400V/3P+N+T/50Hz |
| Maximum power input | kW | 13 |
| Maximum input current | A | 21 |
| Weight | | |
| Shipping weight | kg | 285 |

MCS Certification Number: ICIM-PDC-000212-01

SCOP-UK

| Flow Temperature | SCOP |
|------------------|------|
| 35°C | 4.33 |
| 50°C | 3.66 |
| 65°C | 3.05 |

i-290 0127 - Dimensions



• PERFORMANCE REFERRING TO THE FOLLOWING CONDITIONS:

- Cooling: outdoor air temperature 35°C; in/out water temperature 12/7°C.
- Cooling: outdoor air temperature 35°C; in/out water temperature 23/18°C.
- Heating: outdoor air temperature 7°C db 6°C db; in/out water temperature 30/35°C.
- Heating: outdoor air temperature 7°C db 6°C db; in/out water temperature 47/55°C.
- Cooling: low temperature, variable output, fixed flow rate.
- Heating: average climatic conditions; T_{biv} = -7°C; low temperature, variable output, fixed flow rate.
- Indicative data subject to changes. For the correct value, always refer to the technical label on the unit.
- Calculated for a decrease in system water temperature of 10°C with a defrost cycle lasting 6 minutes.
- Sound power: heating mode according to EN 12102:2022; value determined on the basis of measurements made in accordance with UNI EN ISO 9614-1, in compliance with Eurovent certification requirements.
- Sound pressure: value calculated from the sound power level using the standard ISO 3744:2010 at a distance of 1 m.
- Heating: outdoor air temperature 7°C db 6°C db; in/out water temperature 55/65°C.