



MULTITHERMICA

RHP 9 1P HE6 NV



|                                 |         |
|---------------------------------|---------|
| Height                          | 826 mm  |
| PERFORMANCE DATA / HEATING MODE |         |
| Heating (A7° C ; W35° C) :      |         |
| Nominal Heating Capacity        | 8.10 kW |
| COP                             | 4.53    |
| Maximum Heating Capacity        | 13.7 kW |
| Minimum Heating Capacity        | 2.2 kW  |
| SCOP                            | 4.82 kW |
| Energy Efficiency class         | A+++    |
| Heating (A-7° C ; W35° C) :     |         |
| Nominal Heating Capacity        | 4.86 kW |
| COP                             | 2.91    |
| Heating (A7° C ; W55° C) :      |         |
| Nominal Heating Capacity        | 7.06 kW |
| COP                             | 2.31    |



|  |                          |
|--|--------------------------|
| SCOP   | 3.44                     |
| Energy Efficiency class                                  | A++                      |
| PERFORMANCE DATA/ COOLING MODE                           |                          |
| Cooling (A35 °C; W7 °C) :                                |                          |
| Nominal Cooling Capacity                                 | 6.3 kW                   |
| EER  | 3.18 kW                  |
| Maximum Cooling Capacity                                 | 8.1 kW                   |
| Minimum Cooling Capacity                                 | 2.5 kW                   |
| SEER   | 5.45                     |
| Cooling (A35 °C; W18 °C) :                               |                          |
| Nominal Cooling Capacity                                 | 8.7 kW                   |
| EER  | 4.21                     |
| ELECTRICAL DATA :  |                          |
| Supply voltage   | 230 / 1 / 50 V / ph / Hz |
| Maximum absorbed power ( Unit without heating element )  | 3.9 kW                   |
| Maximum absorbed power ( Unit with 6kW heating element ) | 9.9 kW                   |
| REFRIGERANT CONNECTIONS                                  |                          |
| Refrigerant type   | R32 (GWP 675)            |
| Refrigerant Load   | 2.0 kg                   |
| Operating range  | -25 to +43               |
| INDOOR UNIT :  |                          |
| Model  | RHP 9 SI 1P HE6 NV       |
| Code   | 423822                   |



|                                |   |
|--------------------------------|---|
| Width                          | 501 mm                                    |
| Depth                          | 321 mm                                    |
| Weight                         | 41 kg                                     |
| Indoor unit protection degree  | IPX2                                      |
| Sound power level              | 41 dB                                     |
| Sound pressure 1m              | 30 dB(A)                                  |
| Circulation pump performance   |   |
| Model of the pump              | PARA 25-130/8                             |
| Available pump head (A7;W35)   | 58 kPa                                    |
| OUTDOOR UNIT :                 |   |
| Model                          | RHP ATW 9 SO 1P NV                        |
| Code                           | 423832                                    |
| Height                         | 996 mm                                    |
| Width                          | 940 mm                                    |
| Depth                          | 340 mm                                    |
| Weight                         | 65 kg                                     |
| Outdoor unit protection degree | IPX4                                      |
| Sound power level Heating      | 61 dB                                     |
| Sound pressure 1m Heating      | 50 dB(A)                                  |
| Sound power level Cooling      | 59 dB                                     |
| Sound pressure 1m Cooling      | 48 dB(A)                                  |
| Compressor                     | Twin Rotary compressor with oil separator |
| HYDRAULIC CONNECTIONS :        |   |



|  |              |
|--|--------------|
| Nominal flow rate in heating (A7/W35 °C)                   | 23.2 L / min |
| Nominal flow rate in cooling. (A35/W18 °C)                 | 25.0 L / min |
| Safety valve   | 3 bar        |
| Maximum permissible temperature in the system              | 65 °C        |
| Expansion vessel capacity of the system                    | 8 l          |
| Internal pressure losses                                   | 18 kPa       |
| Minimum system water content                               | 40 l         |
| Minimum water flow rate to close the differential pressure | 13.9 L / min |
| % in relation to the nominal flow rate                     | 60 %         |
| Minimum water flow to open the differential pressure       | 12 L / min   |
| % in relation to the nominal flow rate                     | 21 %         |
| Hydraulic connections                                      | 1" G         |