

PRODUCT INFORMATION / TECHNICAL INFORMATION

| Tight | Model(s): | | Outdoor u | nit: | WARMIUM P13 | 30 V1 | | | | | | | |
|--|-------------------------------------|-----------|------------|------|----------------------------------|------------------------------|--------------|------|------|--|--|--|--|
| Mater-to-water heat pump: No No No No No No No N | | | Indoor uni | t: | None | | | | | | | | |
| Brine-to-water heat pump: No No No No No No No No | Air-to-water heat pump: | | | | Yes | | | | | | | | |
| Equipped with a supplementary heater: No No No No No No No N | Water-to-water heat pump: | | | | No | | | | | | | | |
| Equipped with a supplementary heater: No | Brine-to-water heat pump: | | | | No | | | | | | | | |
| Heat pump combination heater: | Low-temperature heat pump: | | | | No | | | | | | | | |
| Note | Equipped with a supplementary he | ater: | | | No | | | | | | | | |
| Name | Heat pump combination heater: | | | | No | | | | | | | | |
| Item | Parameters for: | | | | Low-temperature application. | | | | | | | | |
| Rated heat output (*) | Parameters for: | | | | Average climate | e conditions. | | | | | | | |
| Rated heat output (*) | | | | | | | | | | | | | |
| Seasonal space heating energy efficiency Energy Classes Seasonal Coefficient of Performance SCOP 4,72 kWh/kWh Annual Energy consumption QHE 4295 kWh Sound power level, indoors/outdoors Decaired capacity for heating for part load at indoor Temperature 20°C and outdoor temperature Tj Tj = -7°C Pdh 8,68 kW Tj = -7°C QPdh 5,30 KW Tj = +2°C QPdh 5,34 KW Tj = +2°C QPdh 5,34 KW Tj = +2°C QPdh 5,34 KW Tj = +12°C QPdh 5,34 KW Tj = +12°C QPdh 5,36 KW Tj = +12°C QPdh 5,36 KW Tj = +12°C QPdh 5,37 Tj = bivalent temperature QPdh 8,68 KW Tj = bivalent temperature QPdh 8,95 KW Tj = operation limit temperature QPdh Bivalent temperature Power consumption in modes other than active mode Power consumption in modes other than active mode Off mode Poff Poff QPGF Q,005 Rated heat output Psup - KA Rated airflow rate, ourdoors - 3850 m3 m3 m3 m3 m3 m3 m3 m3 m3 m | Item | | | | Symbol | Value | Uı | nit | | | | | |
| Energy Classes Seasonal Coefficient of Performance SCOP 4,72 kWh/kWh Annual Energy consumption QHE 4295 kWh Sound power level, indoors/outdoors Lwa 59 dB(A) Decalred capacity for heating for part load at indoor Temperature 20°C and outdoor temperature Tj Tj = -7°C Pdh 8,88 KW Tj = -7°C Pdh 5,30 KW Tj = +2°C Pdh 5,30 KW Tj = +2°C Pdh 5,34 KW Tj = +1°C COPd 3,38 Tj = +2°C Pdh 5,34 KW Tj = +1°C COPd 3,38 Tj = bivalent temperature Pdh 8,88 KW Tj = bivalent temperature Pdh 8,88 KW Tj = operation limit temperature Pdh 8,95 KW Tj = operation limit temperature ToL Heating water operating limit temperature ToL ToL Tol Power consumption in modes other than active mode Condition in temperature ToL 10 10 10 10 10 10 10 10 10 1 | Rated heat output (*) | | | | Prated | 9,81 | k١ | N | | | | | |
| Seasonal Coefficient of Performance SCOP 4,72 kWh/kWh Annual Energy consumption QHE 4295 kWh Sound power level, indoors/outdoors LwA 59 dB(A) Decalred capacity for heating for part load at indoor Temperature 20°C and outdoor temperature Tj Temperature 20°C and outdoor temperature Tj Temperature 20°C and outdoor temperature Tj Tj = -7°C Pdh 8,68 kW Tj = -7°C COPd 3,38 Tj = +2°C COPd 4,48 Tj = +7°C Pdh 4,58 kW Tj = +7°C COPd 5,82 Tj = +12°C Pdh 5,34 kW Tj = +12°C COPd 7,98 Tj = bivalent temperature Pdh 8,68 kW Tj = bivalent temperature Pdh 8,68 kW Tj = operation limit temperature Pdh 8,95 kW Tj = operation limit temperature Pdh 9,005 kW Tj = operation limit temperature Pdh 9,005 kW Rated heat output Psu 7 kW Thermostat-off mode Por 0,005 kW Rated heat output Psu 7 kW Type of energy input Psu 8,005 kW Type of energy input Psu 9,005 kW Type of energy input Psu 9,005 kW Type of energy input Psu 9,005 kW Type 0,005 kW Type | Seasonal space heating ene | ergy effi | ciency | | ηs 186 | | % | | | | | | |
| Annual Energy consumption QHE 4295 kWh Sound power level, indoors/outdoors LwA 59 dB(A) Decalred capacity for heating for part load at indoor Temperature 20°C and outdoor temperature Tj Tj = -7°C Pdh 8.68 kW Tj = -7°C COPd 3.38 - Tj = +2°C Pdh 5.30 kW Tj = +2°C COPd 5.82 - Tj = +7°C Pdh 5.34 kW Tj = +7°C COPd 7.98 - Tj = +12°C Pdh 5.34 kW Tj = +12°C COPd 3.38 - Tj = bivalent temperature Pdh 8.68 kW Tj = bivalent temperature COPd 3.38 - Tj = operation limit temperature Pdh 8.95 kW Tj = operation limit temperature COPd 3.07 - Bivalent temperature Pdh 8.95 kW Tj = operation limit temperature COPd 3.07 - Bivalent temperature Poperature Poperat | Energy Classes | | | | | A+++ | | | | | | | |
| Decalred capacity for heating for part load at indoor Temperature 20°C and outdoor temperature Tj | Seasonal Coefficient of Performance | | | | SCOP 4,72 | | kWh/kWh | | | | | | |
| Decalred capacity for heating for part load at indoor Temperature 20°C and outdoor temperature Tj | Annual Energy consumption | | | | QHE | 4295 | kWh | | | | | | |
| Temperature 20°C and outdoor temperature Tj | Sound power level, indoors/outdoors | | | | Lwa 59 | | dB(A) | | | | | | |
| Tj = +7°C Pdh 4,58 kW Tj = +7°C COPd 5,82 | - | 1 | Ι | kW | 1 | o o and outdoor temperature | i | 3,38 | - | | | | |
| Tj = +12°C Pdh 5,34 kW Tj = +12°C COPd 7,98 Tj = bivalent temperature Pdh 8,68 kW Tj = bivalent temperature COPd 3,38 Tj = operation limit temperature Pdh 8,95 kW Tj = operation limit temperature COPd 3,07 Tj = operation limit temperature Tbiv -7 °C Operation limit temperature TOL -10 °C Heating water operating limit temperature WTOL 55 °C Developmentary heater Tole Tole Tole Tole Tole Tole Tole Tole | Tj = +2°C | Pdh | 5,30 | kW | Tj = +2°C | | COPd | 4,48 | - | | | | |
| Tj = bivalent temperature Pdh 8,68 kW Tj = bivalent temperature COPd 3,38 Tj = operation limit temperature Pdh 8,95 kW Tj = operation limit temperature COPd 3,07 Pdh 2,005 kW Tj = operation limit temperature TOL -10 COPd 3,07 Pdh 2,005 kW Rated heat output Psup Psup Psup Psup Psup Psup Psup Psup | Tj = +7°C | Pdh | 4,58 | kW | Tj = +7°C | | COPd | 5,82 | - | | | | |
| Tj = operation limit temperature | Tj = +12°C | Pdh | 5,34 | kW | Tj = +12°C | | COPd | 7,98 | ı | | | | |
| Bivalent temperature | Tj = bivalent temperature | Pdh | 8,68 | kW | Tj = bivalent ter | COPd | 3,38 | 1 | | | | | |
| Heating water operating limit temperature WTOL 55 °C | Tj = operation limit temperature | Pdh | 8,95 | kW | Tj = operation limit temperature | | COPd | 3,07 | - | | | | |
| Power consumption in modes other than active mode Off mode Off mode Poff Off mode Off mode Poff Off mode Poff Off mode Off mode Poff Off mode Poff Off mode Off mod | Bivalent temperature | Tbiv | -7 | °C | Operation limit | temperature | TOL | -10 | °C | | | | |
| Off mode Poff 0,005 kW Rated heat output Psup - kV Thermostat-off mode PTO 0,005 kW Type of energy input - - - Standby mode PSB 0,005 kW Cranmkcase heater mode PCK 0,04 kW Other items Capacity control Outlet temperature capacity control Variable Rated airflow rate, ourdoors - 3850 m3 | | | | - | Heating water of | perating limit temperature | WTOL | 55 | ç | | | | |
| Off mode Poff 0,005 kW Rated heat output Psup - kV Thermostat-off mode PTO 0,005 kW Type of energy input - - - Standby mode PSB 0,005 kW Cranmkcase heater mode PCK 0,04 kW Other items Capacity control Outlet temperature capacity control Variable Rated airflow rate, ourdoors - 3850 m3 | | | | | | | | | | | | | |
| Thermostat-off mode PTO 0,005 kW Type of energy input - Standby mode PSB 0,005 kW Cranmkcase heater mode PCK 0,04 kW Other items Capacity control Variable Outlet temperature capacity control Variable Rated airflow rate, ourdoors - 3850 m3 | Power consumption in modes othe | r than ac | tive mode | | Supplementary | heater | | | | | | | |
| Standby mode PsB 0,005 kW Cranmkcase heater mode Pck 0,04 kW Other items Capacity control Variable Outlet temperature capacity control Variable Rated airflow rate, ourdoors - 3850 m3 | Off mode | Poff | 0,005 | kW | Rated heat outp | out | Psup | - | kW | | | | |
| Cranmkcase heater mode PCK 0,04 kW Other items Capacity control Variable Outlet temperature capacity control Variable Rated airflow rate, ourdoors - 3850 m3 | Thermostat-off mode | Рто | 0,005 | kW | Type of energy | input | | - | | | | | |
| Other items Capacity control Variable Outlet temperature capacity control Variable Rated airflow rate, ourdoors - 3850 m3 | Standby mode | PsB | 0,005 | kW | | | | | | | | | |
| Capacity control Variable Outlet temperature capacity control Variable Rated airflow rate, ourdoors - 3850 m3 | Cranmkcase heater mode | Рск | 0,04 | kW | _ | | | | | | | | |
| Capacity control Variable Outlet temperature capacity control Variable Rated airflow rate, ourdoors - 3850 m3 | Other items | | | | | | | | | | | | |
| Outlet temperature capacity control Variable Rated airflow rate, ourdoors - 3850 m3 | | | | ble | | | | | | | | | |
| | | | | | 1 | Rated airflow rate, ourdoors | - | 3850 | m3/h | | | | |
| | Water flow capacity control | | | | + | | | | | | | | |

^(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

Name of the supplier:

SHURECO IBERICA INTL., S.L.

Partida Lloma llarga, Pol. 17, Parc. 5, 46119 Naquera, Valencia

Contact details:

^(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

^(***) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh. This information is based on EU regulation No 811/2013 and No 813/2013



PRODUCT INFORMATION / TECHNICAL INFORMATION

| Model(s): Outdoor | | WARMIUM P130 V1 | | |
|---------------------------------------|--------------|---------------------------------|--|--|
| | Indoor unit: | None | | |
| Air-to-water heat pump: | | Yes | | |
| Water-to-water heat pump: | | No | | |
| Brine-to-water heat pump: | | No | | |
| Low-temperature heat pump: | | No | | |
| Equipped with a supplementary heater: | | No | | |
| Heat pump combination heater: | | No | | |
| Parameters for: | | Medium-temperature application. | | |
| Parameters for: | <u> </u> | Average climate conditions. | | |

| Item | Symbol | Value | Unit |
|--|--------|-------|---------|
| Rated heat output (*) | Prated | 10 | kW |
| Seasonal space heating energy efficiency | ηѕ | 136 | % |
| Energy Classes | | A++ | |
| Seasonal Coefficient of Performance | SCOP | 3,47 | kWh/kWh |
| Annual Energy consumption | QHE | 5959 | kWh |
| Sound power level, indoors/outdoors | Lwa | 64 | dB(A) |

Decalred capacity for heating for part load at indoor

Decalred capacity for heating for part load at indoor

Temperature 20°C and outdoor temperature Tj

Temperature 20°C and outdoor temperature Tj

| Tj = -7°C | Pdh | 8,84 | kW | Tj = -7°C | COPd | 2,28 | - |
|----------------------------------|------|------|----|---|------|------|----|
| Tj = +2°C | Pdh | 5,37 | kW | Tj = +2°C | COPd | 3,36 | - |
| Tj = +7°C | Pdh | 4,70 | kW | Tj = +7°C | COPd | 4,30 | - |
| Tj = +12°C | Pdh | 5,83 | kW | Tj = +12°C | COPd | 6,18 | - |
| Tj = bivalent temperature | Pdh | 8,84 | kW | Tj = bivalent temperature | COPd | 2,28 | - |
| Tj = operation limit temperature | Pdh | 8,91 | kW | Tj = operation limit temperature | COPd | 2,17 | - |
| Bivalent temperature | Tbiv | -7 | °C | Operation limit temperature | TOL | -10 | °C |
| | | | | Heating water operating limit temperature | WTOL | 55 | °C |

| Power consumption in modes other than active mode | | | Supplementary heater | | | | |
|---|------|-------|----------------------|----------------------|------|---|----|
| Off mode | Poff | 0,005 | kW | Rated heat output | Psup | - | kW |
| Thermostat-off mode | Рто | 0,005 | kW | Type of energy input | | - | |
| Standby mode | PsB | 0,005 | kW | | - | | |
| Cranmkcase heater mode | Рск | 0,04 | kW | | | | |

| Other items | | | | | | | | | | | |
|---|-----------------------------|-----------------------------|------------------------------|------|---------|------|--|--|--|--|--|
| Capacity control | Variable | | Rated airflow rate, ourdoors | _ | 3850 | m3/h | | | | | |
| Outlet temperature capacity control | | Trated aimow rate, ourdoors | _ | 3030 | 1113/11 | | | | | | |
| Water flow capacity control | | | | | | | | | | | |
| Contact details: | Name of the supplier: | | | | | | | | | | |
| Partida Lloma llarga, Pol. 17, Parc. 5, 461 | SHURECO IBERICA INTL., S.L. | | | | | | | | | | |

^(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

^(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

^(***) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh. This information is based on EU regulation No 811/2013 and No 813/2013