

**PRODUCT INFORMATION / TECHNICAL INFORMATION**

Model(s):	Outdoor unit:	WARMUUM 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:		Low-temperature application.
Parameters for:		Average climate conditions.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	9,81	kW
Seasonal space heating energy efficiency	$\eta_s$	186	%
Energy Classes		A+++	
Seasonal Coefficient of Performance	SCOP	4,72	kWh/kWh
Annual Energy consumption	$Q_{HE}$	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

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	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	COPd	3,38	-
Tj = operation limit temperature	Pdh	8,95	kW	Tj = operation limit temperature	COPd	3,07	-
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	P <sub>OFF</sub>	0,005	kW	Rated heat output	P <sub>sup</sub>	-	kW
Thermostat-off mode	P <sub>TO</sub>	0,005	kW	Type of energy input	-		
Standby mode	P <sub>SB</sub>	0,005	kW				
Cranmkcase heater mode	P <sub>CK</sub>	0,04	kW				

Other items							
Capacity control	Variable			Rated airflow rate, outdoors	-	3850	m3/h
Outlet temperature capacity control	Variable						
Water flow capacity control	Fixed						
Contact details: Partida Lloma llarga, Pol. 17, Parc. 5, 46119 Naquera, Valencia				Name of the supplier: 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

**PRODUCT INFORMATION / TECHNICAL INFORMATION**

Model(s):	Outdoor unit:	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:		Average climate conditions.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	10	kW
Seasonal space heating energy efficiency	$\eta_s$	136	%
Energy Classes		A++	
Seasonal Coefficient of Performance	SCOP	3,47	kWh/kWh
Annual Energy consumption	$Q_{HE}$	5959	kWh
Sound power level, indoors/outdoors	LWA	64	dB(A)

Decalred capacity for heating for part load at indoor  
Temperature 20°C and outdoor temperature Tj

Decalred capacity for heating for part load at indoor  
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	P <sub>OFF</sub>	0,005	kW	Rated heat output	P <sub>sup</sub>	-	kW
Thermostat-off mode	P <sub>TO</sub>	0,005	kW	Type of energy input	-		
Standby mode	P <sub>SB</sub>	0,005	kW				
Cranmkcase heater mode	P <sub>CK</sub>	0,04	kW				

Other items							
Capacity control	Variable			Rated airflow rate, outdoors	-	3850	m3/h
Outlet temperature capacity control	Variable						
Water flow capacity control	Fixed						
Contact details:	Partida Lloma llarga, Pol. 17, Parc. 5, 46119 Naquera, Valencia			Name of the supplier: 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