

<b>Manufacturer: Templari S.p.A.</b>			
<b>Model: SP10</b>			
<b>Refrigerant: R290</b>			
Equipped with a supplementary heater: no			
Heat pump combination heater: no			
Application: low temperature			
Climate: colder			
Item	Symbol	Value	Unit
<b>Rated heat output *</b>	Prated	<b>7.28</b>	kW
Declared capacity for part load at outdoor temperature Tj			
Tj= -7	Pdh	<b>5.08</b>	kW
Tj= +2	Pdh	<b>4.84</b>	kW
Tj= +7	Pdh	<b>4.37</b>	kW
Tj= +12	Pdh	<b>4.19</b>	kW
Tj= bivalent temperature	Pdh	<b>5.94</b>	kW
Tj= operation limit	Pdh	<b>4.75</b>	kW
Tj= -15 if TOL < -20 °C	Pdh	<b>5.94</b>	kW
Bivalent temperature	Tbiv	<b>-15</b>	°C
Power input "compressor off"		-	W
Power consumption in modes other than active mode			
Off mode	POFF	<b>24.0</b>	W
Thermostat-off mode	PTO	<b>30.7</b>	W
Standby mode	PSB	<b>24.0</b>	W
Crankcase heater mode	PCK	<b>35.0</b>	W
Other items			
Capacity control	Variable		
Sound power level, indoors/outdoors	LWA	<b>50</b>	dB
Annual energy consumption	QHE	<b>3647</b>	kWh
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* 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 capacity for heating sup(Tj)			

Item	Symbol	Value	Unit
<b>Seasonal space heating energy efficiency</b>	ηs	<b>193.8</b>	%
Declared coefficient of performance for part load at outdoor temperature Tj			
Tj= -7	COPd	<b>4.31</b>	-
Tj= +2	COPd	<b>6.54</b>	-
Tj= +7	COPd	<b>8.18</b>	-
Tj= +12	COPd	<b>10.37</b>	-
Tj= bivalent temperature	COPd	<b>3.04</b>	-
Tj= operation limit	COPd	<b>2.37</b>	-
Tj= -15 if TOL < -20 °C	COPd	<b>3.04</b>	-
For air to water heat pumps: Tj = -15 °C (if TOL < -20 °C)	TOL	<b>-22</b>	°C
Heating water operating limit temperature	WTOL	<b>65</b>	°C
Supplementary heater			
Rated heat output*	Psup	-	W
Type of energy input	Electricity		
For air to water heat pumps: Rated air flow rate, outdoors	<b>7817</b>		m <sup>3</sup> /h
For water-/brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-		l/h