

Manufacturer: Templari S.p.A.			
Model: AIR PLUS R32			
Refrigerant: R32			
Equipped with a supplementary heater: no			
Heat pump combination heater: no			
Climate: average			
Item	Symbol	Value	Unit
Rated heat output *	Prated	47.48	kW
Declared capacity for part load at outdoor temperature Tj			
Tj= -7	Pdh	42.00	kW
Tj= +2	Pdh	25.57	kW
Tj= +7	Pdh	18.15	kW
Tj= +12	Pdh	20.36	kW
Tj= bivalent temperature	Pdh	42.00	kW
Tj= operation limit	Pdh	39.50	kW
Tj= -15 if TOL < -20 °C	Pdh	-	kW
Bivalent temperature	Tbiv	-7	°C
Power input "compressor off"		-	W
Power consumption in modes other than active mode			
Off mode	POFF	24.0	W
Thermostat-off mode	P _{TO}	30.7	W
Standby mode	P _{SB}	24.0	W
Crankcase heater mode	P _{CK}	35.0	W
Other items			
Capacity control	Variable		
Sound power level, indoors/outdoors	L _{WA}	59.6 / 60.2	dB
Annual energy consumption	Q _{HE}	12858	kWh

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η _s	204	%
Declared coefficient of performance for part load at outdoor temperature Tj			
Tj= -7	COP _d	3.04	-
Tj= +2	COP _d	5.20	-
Tj= +7	COP _d	7.18	-
Tj= +12	COP _d	8.46	-
Tj= bivalent temperature	COP _d	3.04	-
Tj= operation limit	COP _d	2.89	-
Tj= -15 if TOL < -20 °C	COP _d	-	-
For air to water heat pumps: Tj = -15 °C (if TOL< -20 °C)	TOL	-10	°C
Heating water operating limit temperature	WTOL	-	°C
Supplementary heater			
Rated heat output*	P _{sup}	-	W
Type of energy input	Electricity		
For air to water heat pumps: Rated air flow rate, outdoors			
	-		m ³ /h
For water-/brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger			
	-		l/h

Contact details: Templari S.p.A. Via C. Battisti 169 35031 Abano Terme (PD) - Italy

* 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)