Manufacturer: Templari S.p.A.

Model: AIR VRF

Refrigerant: R32

Equipped with a supplementary heater: no

Heat pump combination heater: no

Climate: average

Item	Symbol	Value	Unit
Rated heat output *	Prated	**33,91**	kW
Declared capacity for part load at outdoor temperature Tj			
Tj= -7	Pdh	**30,00**	kW
Tj= +2	Pdh	**19,48**	kW
Tj= +7	Pdh	**15,91**	kW
Tj= +12	Pdh	**17,78**	kW
Tj= bivalent temperature	Pdh	**30,00**	kW
Tj= operation limit	Pdh	**30,00**	kW
Tj= -15 if TOL < -20 °C	Pdh	**-**	kW
Bivalent temperature	Tbiv	**-7**	°C
Power input "compressor off"		**-**	W
Power comsumption in modes other than active mode			
Off mode	P_{OFF}	**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}	**9116**	kWh

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η_s	**205,4**	%
Declared coefficient of performance for part load at outdoor temperature Tj			
Tj= -7	COPd	**3,45**	-
Tj= +2	COPd	**5,24**	-
Tj= +7	COPd	**6,96**	-
Tj= +12	COPd	**8,13**	-
Tj= bivalent temperature	COPd	**3,45**	-
Tj= operation limit	COPd	**3,26**	-
Tj= -15 if TOL < -20 °C	COPd	**-**	-
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*	Psup	**-**	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)

Via C. Battisti, 169
35031 Abano Terme (PD) - Italy
Tel. +39 049 8597400
info@templari.com - www.templari.com

Templari S.p.A.
C.F e P.IVA 04128520287
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