

Manufacturer: Templari S.p.A.				
Model: AIR VRF				
Refrigerant: R32				
Equipped with a supplementary heater: no				
Heat pump combination heater: no				
Climate: colder				
Item	Symbol	Value	Unit	
Rated heat output *	Prated	39.23	kW	
Declared capacity for part load at outdoor temperature Tj				
Tj= -7	Pdh	23.74	kW	
Tj= +2	Pdh	14.45	kW	
Tj= +7	Pdh	15.91	kW	
Tj= +12	Pdh	17.78	kW	
Tj= bivalent temperature	Pdh	32.00	kW	
Tj= operation limit	Pdh	26.00	kW	
Tj= -15 if TOL < -20 °C	Pdh	32.00	kW	
Bivalent temperature	Tbiv	-15	°C	
Power input "compressor off"		-	W	
Power consumption in modes other than active mode				
Off mode	POFF	24.0	W	
Thermostat-off mode	PTO	30.7	W	
Standby mode	PSB	24.0	W	
Crankcase heater mode	PCK	35.0	W	
Other items				
Capacity control	Variable			
Sound power level, indoors/outdoors	LWA	59.6 / 60.2	dB	
Annual energy consumption	QHE	18871	kWh	

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	171.8	%
Declared coefficient of performance for part load at outdoor temperature Tj			
Tj= -7	COPd	3.58	-
Tj= +2	COPd	5.48	-
Tj= +7	COPd	6.96	-
Tj= +12	COPd	8.13	-
Tj= bivalent temperature	COPd	2.70	-
Tj= operation limit	COPd	2.28	-
Tj= -15 if TOL < -20 °C	COPd	2.70	-
For air to water heat pumps: Tj = -15 °C (if TOL< -20 °C)	TOL	-22	°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	-		m³/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)

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