

Manufacturer: Templari S.p.A.

Model: MP20

Unit type: Air-to-water

Refrigerant: R290

Equipped with a supplementary heater: no

Heat pump combination heater: no

Full load performance calculated according to UNI EN 14511-2

Heating mode									
Indoor heat exchanger outlet temperature [°C]		35		45		55		65	
Outdoor heat exchanger [°C]		Declared capacity [kW]	COP [-]	Declared capacity [kW]	COP [-]	Declared capacity [kW]	COP [-]	Declared capacity [kW]	COP [-]
Inlet dry bulb temperature	Inlet wet bulb temperature								
-25	-	9.84	1.94	9.61	1.59	9.44	1.34	0.00	0.00
-20	-	11.49	2.25	11.24	1.85	10.99	1.55	9.21	1.34
-15	-	13.25	2.58	12.94	2.12	12.64	1.77	12.30	1.49
-10	-11	15.14	2.93	14.77	2.40	14.36	2.00	13.92	1.68
-7	-8	16.38	3.16	15.91	2.57	15.47	2.15	14.94	1.80
2	1	18.42	4.27	17.80	3.46	17.15	2.87	16.38	2.37
7	6	20.00	4.90	19.25	3.96	18.49	3.26	17.60	2.70
12	11	22.47	5.63	21.63	4.51	20.74	3.70	19.69	3.04

Cooling mode				
Indoor heat exchanger outlet temperature [°C]	7		18	
Outdoor heat exchanger [°C] Air dry bulb temperature	Declared capacity [kW]	EER [-]	Declared capacity [kW]	EER [-]
35	12.00	3.38	12.00	5.41