

Manufacturer: Templari S.p.A.

Model: MP14

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	-	6.04	1.97	5.86	1.57	5.67	1.36	5.41	1.18
-20	-	7.10	2.27	6.89	1.80	6.65	1.55	6.35	1.34
-15	-	8.26	2.59	8.01	2.04	7.71	1.75	7.29	1.50
-10	-11	9.52	2.95	9.22	2.31	8.84	1.96	8.32	1.66
-7	-8	10.31	3.18	10.00	2.48	9.56	2.10	8.97	1.76
2	1	12.31	4.26	11.84	3.24	11.15	2.80	10.47	2.23
7	6	14.00	4.92	13.32	3.86	12.64	3.16	11.68	2.55
12	11	15.75	5.78	15.00	4.44	14.13	3.55	13.08	2.86

Cooling mode					
Indoor heat exchanger outlet temperature [°C]		7		18	
Outdoor heat exchanger [°C]		Declared capacity [kW]	EER [-]	Declared capacity [kW]	EER [-]
Air dry bulb temperature					
35		12.00	3.11	12.00	5.61

Manufacturer: Templari S.p.A.

Model: MP16

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	-	6.68	1.93	6.50	1.53	6.29	1.40	6.02	1.15
-20	-	7.84	2.21	7.62	1.74	7.35	1.50	7.04	1.29
-15	-	9.13	2.53	8.85	1.97	8.45	1.77	8.06	1.43
-10	-11	10.49	2.88	10.17	2.22	9.68	1.98	9.18	1.59
-7	-8	11.36	2.95	11.00	2.38	10.45	2.11	9.89	1.68
2	1	13.58	4.16	13.03	3.11	12.29	2.70	11.52	2.11
7	6	15.04	4.75	14.63	3.70	13.87	3.00	12.84	2.44
12	11	17.34	5.62	16.46	4.24	15.57	3.42	14.40	2.69

Cooling mode					
Indoor heat exchanger outlet temperature [°C]		7		18	
Outdoor heat exchanger [°C]		Declared capacity [kW]	EER [-]	Declared capacity [kW]	EER [-]
Air dry bulb temperature					
35		12.00	3.11	12.00	5.61

Manufacturer: Templari S.p.A.

Model: MP 18

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	-	7.77	1.98	7.56	1.63	7.39	1.36	0.00	0.00
-20	-	9.17	2.32	8.94	1.92	8.72	1.60	8.52	1.35
-15	-	10.65	2.69	10.40	2.22	10.14	1.86	9.86	1.56
-10	-11	12.23	3.07	11.93	2.53	11.62	2.12	11.25	1.77
-7	-8	13.24	3.31	12.90	2.73	12.54	2.28	12.12	1.91
2	1	15.91	4.46	15.40	3.63	14.84	3.01	14.18	2.49
7	6	18.04	5.09	17.41	4.10	16.72	3.38	15.90	2.79
12	11	20.33	5.84	19.59	4.66	18.72	3.83	17.79	3.14

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

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]		Declared capacity [kW]	EER [-]	Declared capacity [kW]	EER [-]
Air dry bulb temperature					
35		12.00	3.38	12.00	5.41