

Manufacturer: Templari S.p.A.

Model: SP8

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	-	3.41	2.19	3.17	1.82	3.02	1.55	2.77	1.31
-20	-	4.03	2.55	3.76	2.13	3.63	1.83	3.35	1.56
-15	-	4.59	3.01	4.41	2.45	4.16	2.13	3.92	1.78
-10	-11	5.41	3.33	5.10	2.80	4.82	2.37	4.51	2.00
-7	-8	5.76	3.72	5.53	3.00	5.23	2.54	4.87	2.14
2	1	7.01	4.92	6.62	3.96	6.29	3.32	5.71	2.70
7	6	8.00	5.78	7.51	4.55	7.12	3.70	6.41	3.00
12	11	9.00	6.91	8.49	5.24	7.98	4.19	7.18	3.35

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		6.40	3.86	9.36	5.57

Manufacturer: Templari S.p.A.

Model: SP10

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	-	4.37	2.12	4.12	1.79	4.02	1.53	3.73	1.33
-20	-	5.13	2.44	4.87	2.07	4.74	1.76	4.44	1.54
-15	-	5.87	2.86	5.67	2.36	5.51	2.00	5.14	1.73
-10	-11	6.88	3.20	6.54	2.67	6.34	2.26	5.87	1.93
-7	-8	7.36	3.52	7.09	2.87	6.87	2.42	6.35	2.05
2	1	8.81	4.72	8.45	3.76	8.08	3.17	7.42	2.60
7	6	10.00	5.44	9.56	4.27	9.13	3.53	8.33	2.87
12	11	11.30	6.37	10.77	4.90	10.24	4.02	9.33	3.21

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		8.22	3.62	10.00	5.43

Manufacturer: Templari S.p.A.

Model: SP12

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	-	6.49	1.93	6.31	1.62	6.13	1.39	5.90	1.21
-20	-	7.61	2.20	7.37	1.83	7.12	1.57	6.85	1.35
-15	-	8.82	2.50	8.53	2.06	8.20	1.75	7.82	1.49
-10	-11	10.12	2.82	9.76	2.31	9.36	1.94	8.88	1.64
-7	-8	10.94	3.02	10.55	2.46	10.09	2.06	9.55	1.73
2	1	11.53	4.23	11.04	3.39	10.47	2.80	9.78	2.32
7	6	12.10	4.99	11.56	3.95	10.93	3.23	10.15	2.66
12	11	13.65	5.81	13.01	4.51	12.28	3.65	11.38	2.97

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		10.00	3.36	10.00	5.43