

Manufacturer: Templari S.p.A.

Model: LP22

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	-	10.04	1.87	9.76	1.54	9.55	1.30	0.00	0.00
-20	-	11.79	2.18	11.45	1.79	11.16	1.51	9.65	1.29
-15	-	12.87	2.51	13.25	2.06	12.16	1.73	12.44	1.45
-10	-11	15.64	2.86	14.87	2.34	14.42	1.96	13.86	1.63
-7	-8	16.10	3.08	15.59	2.51	14.95	2.11	14.48	1.75
2	1	20.20	4.09	19.41	3.30	18.63	2.75	17.69	2.27
7	6	22.00	4.52	21.97	3.72	20.97	3.01	19.88	2.53
12	11	22.92	5.41	24.72	4.29	23.61	3.54	22.24	2.88

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		17.14	3.00	19.94	4.54

Manufacturer: Templari S.p.A.

Model: LP 26

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	-	12.01	2.11	11.82	1.72	11.69	1.44	11.53	1.21
-20	-	13.88	2.42	13.64	1.99	13.46	1.66	13.29	1.40
-15	-	15.88	2.76	15.60	2.26	15.35	1.90	15.11	1.60
-10	-11	18.00	3.12	17.67	2.55	17.35	2.14	17.02	1.80
-7	-8	19.44	3.35	19.02	2.74	18.61	2.29	18.23	1.93
2	1	23.12	4.44	22.53	3.61	21.94	3.02	21.09	2.54
7	6	26.18	5.08	25.46	4.10	24.73	3.41	23.92	2.86
12	11	29.54	5.81	28.69	4.65	27.82	3.87	26.84	3.23

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		21.40	3.36	23.00	5.34

Manufacturer: Templari S.p.A.

Model: LP28

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	-	13.00	2.09	12.84	1.70	12.73	1.42	12.61	1.20
-20	-	14.98	2.40	14.77	1.96	14.60	1.64	14.45	1.38
-15	-	17.09	2.72	16.83	2.22	16.59	1.86	16.35	1.57
-10	-11	19.35	3.06	19.02	2.50	18.70	2.09	18.37	1.77
-7	-8	20.89	3.29	20.47	2.68	20.03	2.23	19.65	1.89
2	1	24.82	4.37	24.21	3.54	23.60	2.96	22.91	2.49
7	6	28.11	4.97	27.35	4.01	26.59	3.34	25.73	2.80
12	11	31.70	5.67	30.79	4.54	29.88	3.77	28.84	3.15

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		22.91	3.24	23.00	5.34

Manufacturer: Templari S.p.A.

Model: LP 32

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	-	15.04	2.02	14.88	1.64	14.78	1.38	14.65	1.16
-20	-	17.32	2.31	17.09	1.88	16.89	1.57	16.70	1.33
-15	-	19.74	2.61	19.43	2.13	19.13	1.78	18.85	1.51
-10	-11	22.33	2.93	21.93	2.38	21.55	2.00	21.14	1.70
-7	-8	24.06	3.14	23.54	2.56	23.10	2.14	22.61	1.82
2	1	28.58	4.19	27.82	3.38	27.07	2.82	26.23	2.37
7	6	32.22	4.78	31.30	3.85	30.38	3.19	29.35	2.68
12	11	36.22	5.46	35.11	4.35	34.02	3.60	32.80	3.01

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		23.86	3.15	23.00	5.34

Manufacturer: Templari S.p.A.

Model: LP 35

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	-	16.55	2.00	16.44	1.62	16.39	1.35	16.40	1.15
-20	-	18.97	2.27	18.79	1.84	18.61	1.54	18.44	1.30
-15	-	21.56	2.56	21.27	2.07	21.01	1.73	20.72	1.47
-10	-11	24.36	2.87	23.97	2.32	23.59	1.95	23.16	1.65
-7	-8	26.27	3.09	25.74	2.49	25.24	2.08	24.73	1.76
2	1	31.14	4.10	30.32	3.29	29.51	2.73	28.61	2.30
7	6	35.00	4.65	34.13	3.71	33.13	3.07	32.01	2.58
12	11	39.42	5.28	38.23	4.19	37.05	3.47	35.72	2.88

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		23.86	3.15	23.00	4.31