

Manufacturer: Templari S.p.A.

Model: LP Plus 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	-	15.65	2.08	15.25	1.72	14.81	1.45	14.20	1.22
-20	-	17.96	2.33	17.53	1.93	17.08	1.64	16.54	1.39
-15	-	20.56	2.61	20.11	2.17	19.61	1.85	19.01	1.58
-10	-11	23.46	2.95	22.94	2.44	22.36	2.07	21.67	1.77
-7	-8	25.60	3.19	24.76	2.62	24.12	2.22	23.36	1.90
2	1	30.65	4.28	29.73	3.47	28.76	2.92	27.68	2.48
7	6	35.00	4.92	33.79	3.94	33.62	3.30	31.31	2.79
12	11	39.55	5.72	38.14	4.52	36.75	3.73	35.17	3.13

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		27.83	3.22	38.08	4.30

Manufacturer: Templari S.p.A.
Model: LP Plus 40
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	-	18.03	2.04	17.69	1.69	17.28	1.43	16.75	1.22
-20	-	20.73	2.26	20.32	1.88	19.83	1.60	19.27	1.37
-15	-	23.72	2.52	23.22	2.10	22.68	1.79	22.04	1.53
-10	-11	27.05	2.83	26.45	2.34	25.79	1.99	25.03	1.70
-7	-8	29.34	3.04	28.59	2.51	28.04	2.23	26.93	1.81
2	1	35.35	4.07	34.28	3.31	33.18	2.78	31.93	2.35
7	6	40.00	4.72	38.98	3.75	37.50	3.12	36.11	2.64
12	11	45.62	5.44	44.14	4.27	42.51	3.52	40.67	2.95

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	31.38	2.95	38.08	4.3