

Subtype Thunder 25.2 - 30.2

Certificate Holder	Clivet s.p.a.
Address	Via camp lonc 25 c.ap.
ZIP	I-32032
City	z.i. Villapaiera - Feltre (BL)
Country	IT
Certification Body	ICIM S.p.A.
Subtype title	Thunder 25.2 - 30.2
Registration number	ICIM-PDC-000337
Heat Pump Type	Outdoor Air/Water
Refrigerant	R290
Mass of Refrigerant	10 kg
Certification Date	04.06.2025
Testing laboratory	IMQ S.p.A., IT

Model WiSAN-P 25.2

Model name	WiSAN-P 25.2
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	n/a
Reversibility	Yes
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data

Power supply	3x400V 50Hz
Off-peak product	n/a

Outdoor Air/Water

EN 14511-2 | Heating

	Low temperature	Medium temperature
Heat output	70.20 kW	65.90 kW
El input	17.95 kW	24.05 kW
COP	3.91	2.74

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level outdoor	78 dB(A)	78 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
η_s	185 %	142 %
Prated	52.45 kW	49.63 kW
SCOP	4.70	3.63
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	46.40 kW	43.90 kW
COP Tj = -7°C	2.67	1.97
Cdh Tj = -7 °C		
Pdh Tj = +2°C	28.10 kW	26.70 kW
COP Tj = +2°C	4.74	3.63
Cdh Tj = +2 °C		
Pdh Tj = +7°C	24.20 kW	22.80 kW
COP Tj = +7°C	6.68	5.30
Cdh Tj = +7 °C		
Pdh Tj = 12°C	27.20 kW	26.00 kW
COP Tj = 12°C	8.02	7.04
Cdh Tj = +12 °C		
Pdh Tj = Tbiv	46.40 kW	43.90 kW
COP Tj = Tbiv	2.67	1.97

Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	50.30 kW	48.00 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.08	1.53
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh		
WTOL	35 °C	55 °C
Poff	180 W	180 W
PTO	310 W	310 W
PSB	180 W	180 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	n/a	n/a
Supplementary Heater: PSUP	2.15 kW	1.63 kW
Annual energy consumption Qhe	23112 kWh	28300 kWh

Model WiSAN-P 30.2

Model name	WiSAN-P 30.2
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	n/a
Reversibility	Yes
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data

Power supply	3x400V 50Hz
Off-peak product	n/a

Outdoor Air/Water

EN 14511-2 | Heating

	Low temperature	Medium temperature
Heat output	84.40 kW	76.50 kW
El input	22.57 kW	29.77 kW
COP	3.74	2.57

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level outdoor	79 dB(A)	79 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
η_s	179 %	141 %
Prated	61.27 kW	55.05 kW
SCOP	4.54	3.60
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	54.20 kW	48.70 kW
COP Tj = -7°C	2.53	1.90
Cdh Tj = -7 °C		
Pdh Tj = +2°C	34.40 kW	29.00 kW
COP Tj = +2°C	4.51	3.59
Cdh Tj = +2 °C		
Pdh Tj = +7°C	24.20 kW	22.80 kW
COP Tj = +7°C	6.68	5.30
Cdh Tj = +7 °C		
Pdh Tj = 12°C	27.20 kW	26.00 kW
COP Tj = 12°C	8.02	7.04
Cdh Tj = +12 °C		
Pdh Tj = Tbiv	54.20 kW	48.70 kW
COP Tj = Tbiv	2.53	1.90

Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	50.30 kW	48.00 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.08	1.53
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh		
WTOL	35 °C	55 °C
Poff	180 W	180 W
PTO	370 W	370 W
PSB	180 W	180 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	n/a	n/a
Supplementary Heater: PSUP	10.97 kW	7.05 kW
Annual energy consumption Qhe	27948 kWh	31660 kWh