TESY
It's impressive



AQUATHERMICA WITH A HEAT EXCHANGER

AQUATHERMICA 260 S

TIN Code	305278
Range	251
Insulation	50 mm
Energy class	A+
Maximum operational temperature	75 °C
Maximum working pressure	8 bar
Diameter	630 mm
Heating time	10:15 h:min
Declared load profile	XL
Electric heating element power	1.5 kW
HP maximum absorption	0.663 + 1.5 (e-heater) = 2.163 kW
Min. ÷ max temperature heat pump air intake (90% R.H.)	-10 ÷ 43 °C

Frequency	50 Hz
Annual electricity consumption in kWh under average climate conditions	1237.7 kWh
Power supply	230 V
Compressor	Rotary
Min. ÷ max temperature installation site	-10 ÷ 43 °C
Compressor protection	Thermal circuit breaker with automatic reset
Maximum current in HP	3.1 + 6.5 (e-heater) = 9.6 A
Thermodynamic circuit protection type	Safety pressure switch with automatic reset
Required overload protections	16A T fuse/ 16 A automatic switch characteristic C (to be expected during installation on power supply systems)
Fan	Centrifugal
HP Maximum settable temperature	65 °C
Internal protection	Single safety thermostat with manual reset on a resistive element
Nominal air capacity	314 m³/h
Max. pressure head available	50 Pa
Motor protection	Internal thermal circuit breaker with automatic reset
Condenser	Wrapped externally not in contact with water
Coil for connection to solar thermal power system	1.2 m²
Coil for connection to an auxiliary heating source	N/A m²
Transport weight	112 kg
Sound power Lw (A)	53 dB(A)
Automatic anti-Legionnella disinfection cycle	YES

Minimum height of the premise	2055 mm
Cathodic protection	Mg anode Ø 32 x 400 mm
Defrosting	4-way valve
CoP (DHW)	3.4
Degree of Protection	IPX4
Refrigerant	R134a
Refrigerant charge	880
CO2 equivalent (CO2e)	1287 t
Volume of mixed water at 40° / V40 (EN 16147:2017 - A7/W55)	262 L
Average heat pump consumption [Condition EN16147:2017 A7/W55]	0.466 kW