NEW

Dora Tech HT

Heat pump water heater for floor-standing installation with positive air temperatures

- Air heat pump and integrated storage tank for DHW production with inlet air temperature range not lower than 4°C
- Possibility of ducting the expelled air
- Floor-standing installation
- Available operating modes: **Eco, Auto, Boost, Electric, Fan**
- **Wi-Fi card** installed as standard and control via smartphone using the **"LAMBORGHINI CALORECLIMA HOME" App**
- 1500 W **support heating element**
- **Simple and intuitive touch control panel** on board machine
- Enameled steel water storage tank with 50 mm polyurethane insulation
- Aluminum main heat exchanger outside the tank
- Corrosion protection by means of magnesium anode
- Programmable **anti-legionella cycle**
- Arrangement (digital input) for **activation with availability of photovoltaic energy**
- Arrangement (digital input) for **activation with reduced electricity rates**
- **R134a** ecological gas

Code	Model
2CP0022L	**DORA TECH 200 HT**
2CP0023L	**DORA TECH 260 HT**
Code	Accessories
2CP00280	Cascade regulator kit (1 piece should be installed for each water heater in cascade)

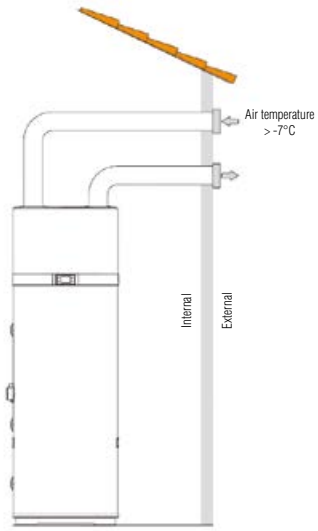
Control panel

The simple and intuitive programmable control system on board the machine allows selection of the various Operating Modes: **Eco:** heat pump only (Max setpoint 62°C) / **Auto:** heat pump with heating element for possible support (Max setpoint 62°C) / **Boost:** heat pump and heating element at the same time (Max setpoint 75°C) / **Electric:** heating element only (Max setpoint 75°C) / **Fan:** active ventilation only.

The **DORA TECH electronics are able to optimize** the integration of energy from other sources, exploiting the possible availability of photovoltaic electricity. The DORA TECH electronics can manage and optimize the integration of energy from other sources: activating and exploiting any overproduction of **photovoltaic electricity** by raising the temperature of water in the storage tank up to a value set by the user (max 75°C).

Application

The air can be ducted in order to direct the flow appropriately in different situations.



Use of energy present in the environment
(BOILER ROOM OR LAUNDRY)

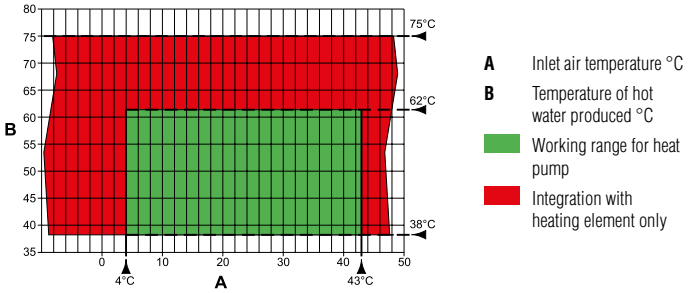
Connectivity

CONNECTIVITY Thanks to the "**LAMBORGHINI CALORECLIMA HOME**" App downloadable on smartphone, DORA TECH can be fully managed by changing its parameters and operating modes.

Lamborghini CaloreClima Home

Limits of use

TEMPERATURE RANGE. The graph below indicates the temperature range of the produced air and water, which guarantees correct operation.



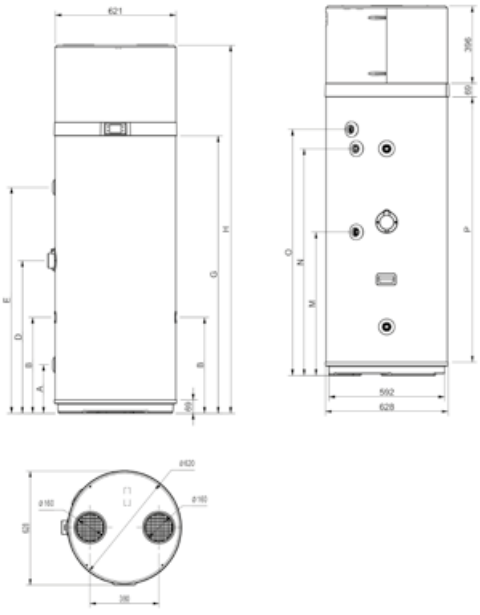
POWER SUPPLY VOLTAGE RANGE. The table below provides the admissible variation conditions for the electrical power supply

Standard power supply	V-ph-Hz	230-1-50
Admissible voltage range	V	207 - 254

DORA TECH		200 HT	260 HT
Nominal storage capacity	L	192	250
Max. hot water capacity at 40°C	L	260	358
Storage dispersion	W	60	70
DHW max. temperature with heat pump only	°C	62	62
DHW max. temperature with supplementary electric booster	°C	75	75
Integrated heating element power	W	1500	1500
Average absorbed power in heating	W	370	370
Pump heat output	W	1248	1283
Dimensions (Ø x H)	mm	621 x 1607	621 x 1892
Empty weight	kg	86	98
Max. water pressure	bar	7	7
Max. air temperature	°C	43	43
Min. air temperature	°C	4	4
Nominal air flow	m^3/h	350	350
Max. available head for cold air outlet	Pa	100	100
Duct diameter	mm	160	160
Required room volume	m^3	>20	>20
Power supply parameters	V-Hz	230V - 50Hz	230V - 50Hz
Protection rating		IP24	IP24
Indoor sound power Lw(A)	dB(A)	52	52
Gas type		R134a	R134a
Charge quantity	g	1000	1000
Heating time 7°C in ECO mode	hh:mm	07:16	09:44
COP		2,8	3,1
Internal coil for solar		--	--
Energy efficiency class for heating water in average climatic conditions		A+	A+
Energy efficiency of water heating in % in average climatic conditions	%	116	127
Annual energy consumption in average climatic conditions	kW/h	883	1315
Declared load profile		L	XL

* Test in accordance with EN16147-2017 with air inlet temperature at 20°C, boiler storage ambient temperature 20°C, water heating from 10°C to 55°C.

Dimensions and hydraulic connections (in mm)



DORA TECH		Ø	200 HT	260 HT
A	mm	1"G	250	250
B	mm	-	490	493
D	mm	-	705	785
E	mm	1"G	876,5	1162
G	mm	-	1142	1427
H	mm	-	1607	1892
M	mm	3/4"G	705	735
N	mm	3/4"G	877	1162
O*	mm	1/2"G	976	1261
P	mm	-	1073	1358

* Outlet connection in plastic material