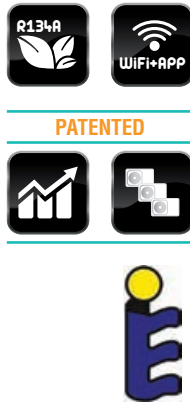


Water heater in heat pump

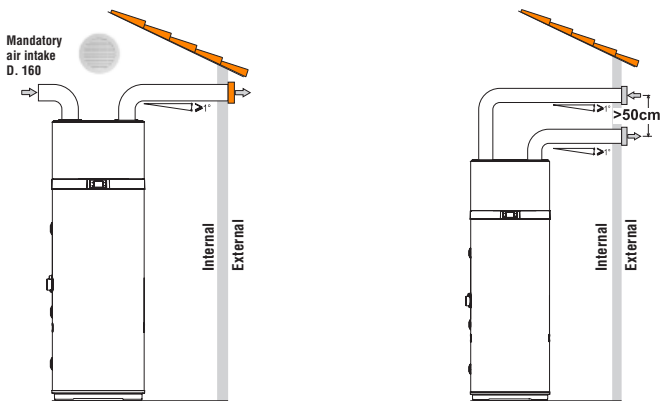


Code	Model
2CP0022L	DORA TECH 200 HT
2CP0023L	DORA TECH 260 HT
2CP0024L	DORA TECH 200 LT
2CP0025L	DORA TECH 260 LT
2CP0026L	DORA TECH 200 LT-S
2CP0027L	DORA TECH 260 LT-S
Code	Accessories
2CP00280	Cascade regulator kit (1 piece should be installed for each water heater in cascade)
043007X0	FOR LT-S VERSIONS ONLY Solar collectors probe (see solar thermal)

Control panel

The standard control electronics allow the management of cascade systems with up to **8 DORA TECH floor-standing units using MASTER-SLAVE logic** via Modbus connection between units. Through the LAMBORGHINI CALORECLIMA HOME app or the onboard control panel, several operating modes can be selected: **Eco**: heat pump only (max setpoint 62°C) / **Auto**: heat pump with electric element support if needed (max setpoint 62°C) / **Boost**: heat pump and electric element simultaneously (max setpoint 75°C) / **Electric**: electric element only (max setpoint 75°C) / **Fan**: ventilation only. DORA TECH electronics can manage and optimize integration with alternative energy sources. LT-S models can be combined with a solar thermal system, controlling its components through standard electronics or integrating with dedicated control units.

Channeling examples



SUPPLY VOLTAGE RANGE The table below gives the variation conditions allowed for the power supply

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

Dora Tech 200-260 HT/LT/LT-S

Floor-standing heat pump water heater for low or high temperatures

- Air-source heat pump for floor installations with integrated storage tank for domestic hot water production
- LT models are equipped with an active defrosting system allowing correct operation down to -7°C air temperature
- Refrigerant gas R134a
- Integrated 1500 W electric heating element
- Built-in Wi-Fi for smartphone control via the **"LAMBORGHINI CALORECLIMA HOME"** App
- Simple and intuitive onboard touch control panel
- Enamelled steel water storage tank with 50 mm polyurethane insulation
- Main aluminum heat exchanger external to the tank
- Prepared for solar coil connection (**version "LT-S"**)
- Double magnesium anti-corrosion anode
- Possibility to duct air and programmable anti-legionella cycle
- Provision (digital input) for activation using available photovoltaic energy
- Provision (digital input) for activation with reduced electricity tariff
- Provision (digital input) for connection with solar thermal systems (**models "LT-S"**)
- Integrated management of forced-circulation solar thermal systems (**models "LT-S"**)
- Energy consumption can be monitored via the **ENERGY MONITORING function (designed and patented by Lamborghini CaloreClima)**, ensuring efficient domestic hot water production and maximum user comfort.

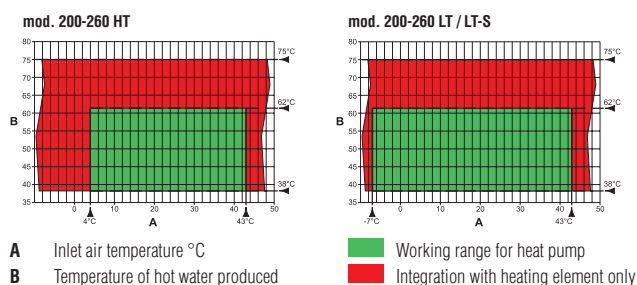
Connectivity

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



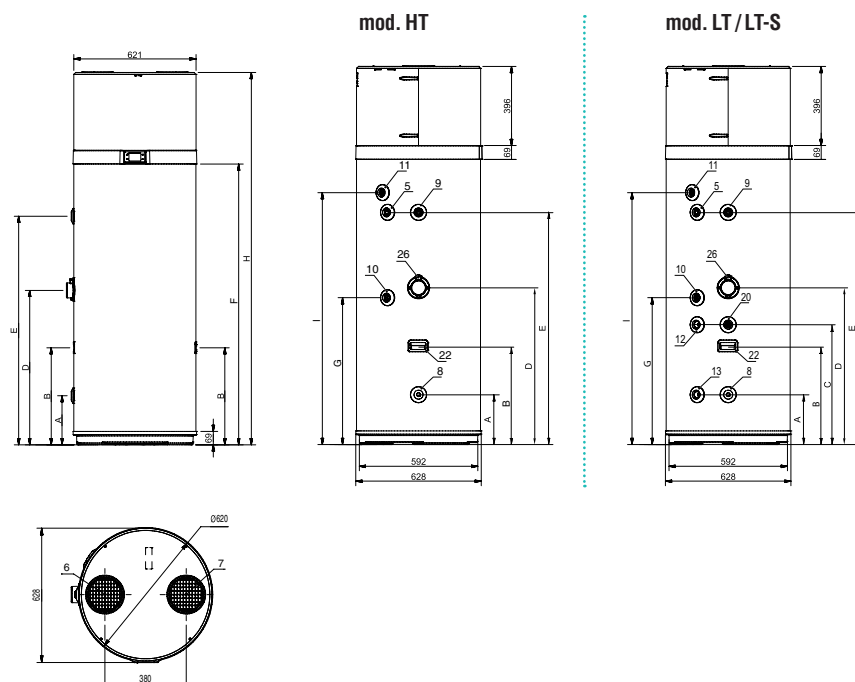
Limits of use

Temperature range. The graph below gives the temperature range of the air and water produced within which correct operation is guaranteed.



DORA TECH		200 HT	260 HT	200 LT	260 LT	200 LT-S	260 LT-S
Nominal storage capacity	L	192	250	192	250	187	247
Max. hot water capacity at 40°C	L	260	358	247	340	241	335
Storage dispersion	W	60	70	60	70	60	70
DHW max. temperature with heat pump only	°C	62	62	62	62	62	62
DHW max. temperature with supplementary electric booster	°C	75	75	75	75	75	75
Integrated heating element power	W	1500	1500	1500	1500	1500	1500
Average absorbed power in heating	W	370	370	430	430	430	430
Pump heat output	W	1248	1283	1339	1249	1339	1249
Dimensions (Ø x H)	mm	621 x 1607	621 x 1892	621 x 1607	621 x 1892	621 x 1607	621 x 1892
Empty weight	kg	86	98	88	100	97	109
Max. water pressure	bar	7	7	7	7	7	7
Max. air temperature	°C	43	43	43	43	43	43
Min. air temperature	°C	4	4	-7	-7	-7	-7
Nominal air flow	m³/h	350	350	450	450	450	450
Max. available head for cold air outlet	Pa	100	100	117	117	117	117
Duct diameter	mm	160	160	160	160	160	160
Required room volume	m³	>20	>20	>20	>20	>20	>20
Power supply parameters	V-Hz	230V - 50Hz	230V - 50Hz	230V - 50Hz	230V - 50Hz	230V - 50Hz	230V - 50Hz
Protection rating		IP24	IP24	IP24	IP24	IP24	IP24
Indoor sound power Lw(A)	dB(A)	52	52	53	51	53	51
Gas type		R134a	R134a	R134a	R134a	R134a	R134a
Charge quantity	g	1000	1000	1000	1000	1000	1000
Heating time 7°C in ECO mode	hh:mm	07:16	09:44	06:27*	09:29*	06:27*	09:29*
COP DHW 7°C		2,8	3,1	3.23	3.37	3.23	3.37
Internal coil for solar		--	--	--	--	0.72	0.72
Energy efficiency class for heating water in average climatic conditions							
Energy efficiency of water heating in % in average climatic conditions	%	116	127	135	138	135	138
Annual energy consumption in average climatic conditions	kWh	883	1315	761	1210	761	1210
Declared load profile		L	XL	L	XL	L	XL

- Test in accordance with EN16147-2017 with air inlet temperature at 7°C (6°C), boiler storage ambient temperature 20°C, water heating from 10°C to 53°C. (*)



DORA TECH	200 HT	260 HT	200 LT	260 LT	200 LT-S	260 LT-S
A	mm 250	250	250	250	250	250
B	mm 490	490	490	490	490	490
C	mm -	-	-	-	600	600
D	mm 705	785	705	785	705	785
E	mm 877	1162	877	1162	877	1162
F	mm 1142	1427	1142	1427	1142	1427
G	mm 705	735	705	735	705	735
H	mm 1607	1892	1607	1892	1607	1892
I	mm 976	1261	976	1261	976	1261