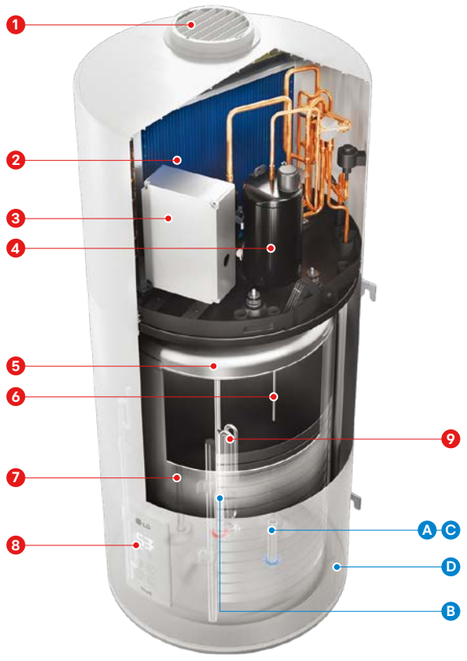
THERMA V R290
HEAT PUMP WATER HEATER (100 / 150 ℓ)

WH10ESF0 HA
WH15ESF0 HA



Key Components

Heat Pump Water Heater (Wall Mount)



Components

1. Duct connector
2. Evaporator
3. Control box
4. Compressor
5. Water tank
6. ICCP[1] (Ti)
7. Anode road (Mg)
8. Display
9. Electric heater

Connections

- A Water inlet (G 1/2")
- B Water outlet (G 1/2")
- C Pressure relief valve (accessory)
- D Condensate drain (G 3/4")

Product Specification

Indoor Units		Unit	WH10ESF0.HA	WH15ESF0.HA
Capacity	Volume (nominal)	ℓ	100	150
Refrigerant	Type	-	R290	
	GWP	-	3	
	Pre-charged amount	g	148	
Efficiency	COP (7°C)	-	2.70	2.95
	Energy class (7°C)	-	A+	A+
	Annual energy consumption (7°C)	kWh	438	812
Performance	Operation range	°C	-7 ~ 48	
	Max. water temperature with heat pump	°C	60	
	Max. water temperature with heating element	°C	75	
	Heating element	kW	1.2	1.2
	Sound power level	dB(A)	45	45
	Sound pressure level at 2 m (Auto mode)	dB(A)	38	38
	V40	ℓ	110	173
	Load profile	-	M	L
	Operation mode	-	Turbo / Auto / Heat pump / Vacation / Anti legionella	
Compressor	Type	-	Constant speed rotary	
Piping connections	Water inlet / outlet	inch	G 1/2"	
Dimension	H x W x D	mm	1,280 x 540 x 565	1,620 x 540 x 565
Weight	Net	kg	64	75
Exterior	Color of chassis / RAL code	-	Essence white / RAL 9003	
Safety valve	Type	-	Pressure relief valve	
IP Class		-	IPX4	
Anode type		-	Mg + ICCP[1]	
Tank material		-	Enameled steel	
Power supply	Voltage, phase, frequency	V, Ø, Hz	230, 1, 50	
	Recommended circuit breaker	A	16	
Additional function	Wi-Fi (ThinQ)	-	O	
	SG Ready	-	O	

1) Impressed current cathodic protection

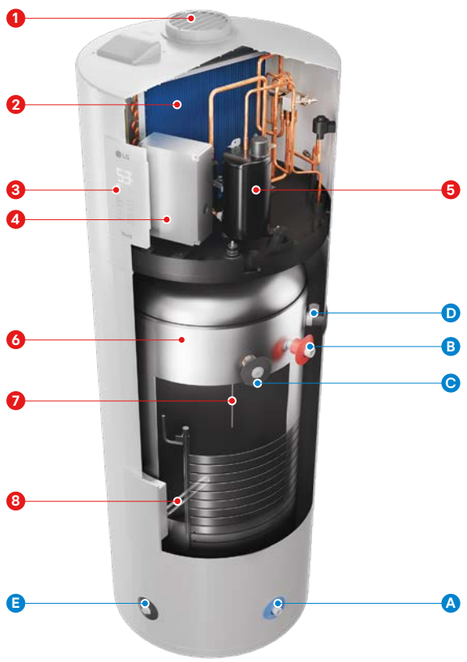
THERMA V R290
HEAT PUMP WATER HEATER (200 ℓ)

WH20ESF0 CA



Key Components

Heat Pump Water Heater (Floor Standing)



Components

1. Duct connector
2. Evaporator
3. Display
4. Control box
5. Compressor
6. Water tank
7. ICCP[1] (Ti)
8. Electric heater

Connections

- A Water inlet (G 3/4")
- B Water outlet (G 3/4")
- C T&P relief valve (accessory)
- D Condensate drain (G 3/4")
- E Drain valve (accessory)

Product Specification

Indoor Units		Unit	WH20ESF0.CA
Capacity	Volume (nominal)	ℓ	200
Refrigerant	Type	-	R290
	GWP	-	3
	Pre-charged amount	g	150
Efficiency	COP (15°C)	-	3.20
	Energy class (15°C)	-	A+
	Annual energy consumption (15°C)	kWh	770
Performance	Operation range	°C	-7 ~ 48
	Max. water temperature with heat pump	°C	60
	Max. water temperature with heating element	°C	75
	Heating element	kW	2.0
	Sound power level	dB(A)	53
	Sound pressure level at 2 m (Auto mode)	dB(A)	38
	V40	ℓ	260
	Load profile	-	L
	Operation mode	-	Turbo / Auto / Heat pump / Vacation / Anti legionella
Compressor	Type	-	Constant speed rotary
Piping connections	Water inlet / outlet	inch	G 3/4"
Dimension	H x W x D	mm	1,708 x 600 x 608
Weight	Net	kg	92
Exterior	Color of chassis / RAL code	-	Essence white / RAL 9003
Safety valve	Type	-	T&P relief valve
IP Class		-	IPX1
Anode type		-	ICCP[1]
Tank material		-	Enameled steel
Power supply	Voltage, phase, frequency	V, Ø, Hz	230, 1, 50
	Recommended circuit breaker	A	16
Additional function	Wi-Fi (ThinQ)	-	O
	SG Ready	-	O

1) Impressed current cathodic protection