



Domestic hot water production

Airwell

TFHW ELEO

Monoblock thermodynamic water heater

A⁺

HYBRID
HOUSE by Airwell

Stainless steel tank

+ PRODUCT

- Excellent COP
- Stainless steel tank
- Small footprint
- Anti-legionella function
- No refrigerant handling

FEATURES



DOMESTIC HOT WATER



TFHW 120L

TFHW 190 L/ 260 L

⊕ «SUSTAINABLE DEVELOPMENT»

- > High energy class A+.
- > High-performance product.
- > Product 3 to 4 times more economical than an electric tank.

⊕ «USER»

- > Perfect to replace an electric tank.
- > "Peak/Off peak" operation.

⊕ «INSTALLER»

- > Easy to install, thanks to its compact footprint.
- > Easy handling, thanks to its low weight < 80 kg.
- > Anti-scale protection: stainless steel tank + magnesium anode.

⊕ «TECHNOLOGY»

- > No risk of contamination following a refrigerant leak, thanks to the external exchanger.

TECHNICAL DATA

TFHW Eleo

INDOOR UNIT		TFHW-120H-03M25	TFHW-190H-03M25	TFHW-260H-03M25
Part number		7MBI70001	7MBI70002	7MBI70003
Phase		Single phase	Single phase	Single phase
AIR +7°C WATER 10/55°C				
Heating capacity	kW	1.25	1.25	1.25
Input power	kW	0.40	0.40	0.40
COP		3.15	3.15	3.15
AIR +15°C WATER 10/55°C				
Heating capacity	kW	1.50	1.50	1.50
Input power	kW	0.41	0.41	0.41
COP		3.7	3.7	3.7
ERP PERFORMANCE (AVERAGE CLIMATE)				
DHW profil		M	M	XL
Energy class		A+	A++	A
Energetic efficiency	%	100	139	101
COP		2.55	3.21	2.41
Annual consumption	kWh	513	368	1653
Heat up time	h:mm	05:45	05:34	12:02
Standby power input	W	7	26	70
Reference hot water temperature	°C	52.3	52	59.5
Volume of mixed water at 40°C	l	192	277	378
ERP PERFORMANCE (WARMER CLIMATE)				
Energetic efficiency	%	100	153	120
Annual consumption	kWh	513	335	1395
ERP PERFORMANCE (COLDER CLIMATE)				
Energetic efficiency	%	100	104	80
Annual consumption	kWh	513	492	2009
SOUND LEVELS				
Sound pressure level (1m)	dB(A)	46	46	46
Sound power level	dB(A)	59	59	59
OPERATING RANGE				
Outdoor air temperature	°C	-7 / 43	-7 / 43	-7 / 43
Maximum water temperature	°C	70	70	70
REFRIGERATION CIRCUIT				
Refrigerant/GWP		R134a/1430	R134a/1430	R134a/1430
Factory charge	kg	0.85	0.85	0.85
POWER SUPPLY				
Phase/Voltage/Fréquence		1P/220-240/50Hz	1P/220-240/50Hz	1P/220-240/50Hz
Electric heater	kW	2	2	2
Power cable	mm ²	3x2.5	3x2.5	3x2.5
Fuse breaker	A	16	16	16
DIMENSIONS				
Outline dimensions (HxØ)		1310x568	1690x568	1950x568
Package dimensions (WxHxD)		690x1410x690	690x1750x690	690x2070x690
Net weight/Gross weight	kg	62/68	69/80	76/90