

NEW

> UNIT DESCRIPTION

This series of hydronic indoor units with integrated DHW tank are designed to combine with any of Ferrolì air-water heat pumps, to meet the needs of climatization and DHW of small and medium power residential and commercial installations

> MAIN CHARACTERISTICS

- DHW production up to 70°C only with heat pump (in combination with Omnia Life M)
- Reduced dimensions that allow the installation of both sizes (200 and 250) in standard kitchen cabinet recesses (600 mm wide)
- Model FT 250 can be combined with all heat pump models (4kW-16kW 1 phase)
- Hydraulic connections at the top to facilitate the connection of the equipment
- Wide range of hydraulic accessories to install inside the unit. No additional space needed
- DHW boiler in enamelled carbon steel (190 liters for mod. 200, 240 liters for mod. 250), insulated with thick polyurethane foam, complete with water drain tap and protected as standard with a 9 bar safety valve
- Can be integrated with 1.5 kW electric heater for DHW tank (accessory)
- 3-way diverter valve for DHW production
- System expansion vessel of 10 liters
- Electric system heater (3 kW single-phase or 6 kW three-phase)
- Water system multifunction group (mechanical filter, magnetic ring and dirt separator) complete with automatic air vent, water pressure gauge and 3 bar safety valve
- System filling tap

> ACCESSORIES

- Hydraulic connections kit for an easy and quick installation
- 18 liters system inertial tank complete with water drain valve and automatic air vent
- 2 zone kit (direct and mixed) consisting of 2 circulators, mixing valve and mixed zone delivery temperature probe
- DHW storage electric heater (1.5 kW single-stage for all models)
- 8 liter DHW expansion tank
- Pipes kit for thermal solar
- Solar thermal kit complete with water circulator and plate exchanger



OMNIA LIFE M			4	6	8	10	12	14	16	12T	14T	16T
CODE			2CP100AF	2CP100BF	2CP100CF	2CP100DF	2CP100EF	2CP100FF	2CP100GF	2CP100HF	2CP100IF	2CP100JF
OMNIA FT			200									
CODE			0XHN1VWA									
Domestic Hot Water (DHW)	Declared load profile for DHW production	-	L	L	L	L						
	Energy Efficiency Class for DHW production	class	A ⁺	A ⁺	A ⁺	A ⁺						
	DHW Heating Energy Efficiency	η DHW (%)	138	136	135	134						
	Warm climate (A14)	SCOP DHW (1)	3.75	3.75	3.69	3.67						
	Average climate (A7)	SCOP DHW (1)	3.22	3.18	3.15	3.13						
	Cold climate (A2)	SCOP DHW (1)	2.64	2.65	2.62	2.63						

OMNIA LIFE M			4	6	8	10	12	14	16	12T	14T	16T
CODE			2CP100AF	2CP100BF	2CP100CF	2CP100DF	2CP100EF	2CP100FF	2CP100GF	2CP100HF	2CP100IF	2CP100JF
OMNIA FT			250							250T		
CODE			0XHN2VWA							0XHN2WWA		
Domestic Hot Water (DHW)	Declared load profile for DHW production	-	XL	XL	XL	XL	XL	XL	XL	XL	XL	XL
	Energy Efficiency Class for DHW production	class	A ⁺	A ⁺	A ⁺	A ⁺	A ⁺	A ⁺	A ⁺	A ⁺	A ⁺	A ⁺
	DHW Heating Energy Efficiency	η DHW (%)	137	136	134	134	137	134	134	137	134	134
	Warm climate (A14)	SCOP DHW (1)	3.83	3.83	3.77	3.75	3.68	3.64	3.62	3.68	3.64	3.62
	Average climate (A7)	SCOP DHW (1)	3.27	3.23	3.2	3.19	3.26	3.19	3.18	3.26	3.19	3.18
	Cold climate (A2)	SCOP DHW (1)	2.69	2.69	2.66	2.67	2.67	2.62	2.59	2.67	2.62	2.59

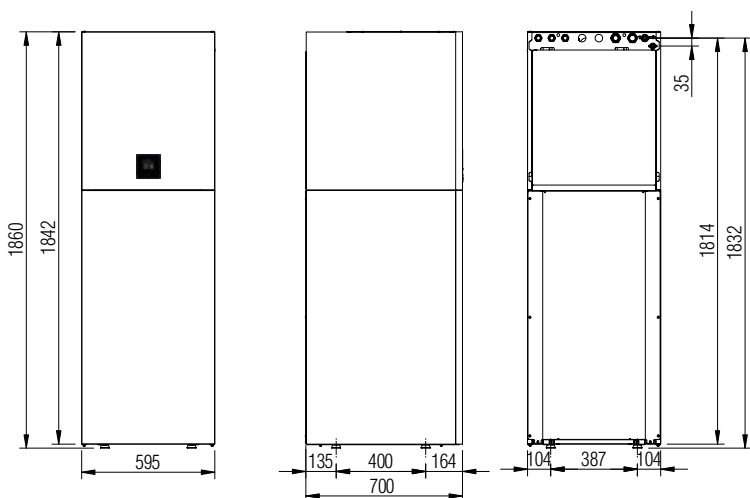
NOTE: Declared in according to European Regulation 811/2013. Values refer to units without options and accessories. Energy Label rating on a scale of F to A⁺

(1) SCOP DHW according to EN16147:2017

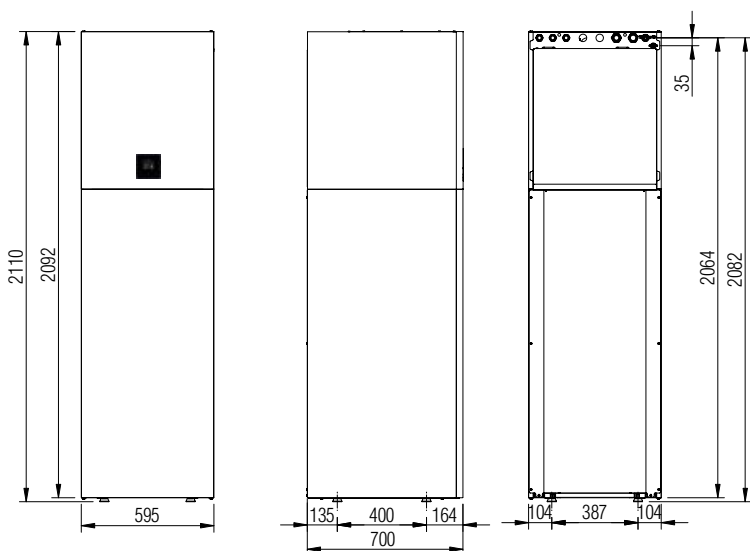
OMNIA FT		200	250	250T
Power supply	V-ph-Hz	230-150	230-1-50	400-3-50
System water connections	-		1" gas F	
DHW water connections	-		3/4" gas F	
Volume expansion vessel (installation)	l	10	10	10
Water content of the installation (minimum / recommended)	l	15 / 40	25 / 40	25 / 40
DHW tank volume	l	190	240	240
System electric heater	kW	3	3	6
DHW storage electric heater (accessory)	kW	1,5	1,5	1,5
DHW expansion vessel volume (accessory)	l	8	8	8
System safety water valve set	bar	3	3	3
DHW tank safety water valve set	bar	9	9	9
SWL - Sound Power Level	dB(A)	39	40	40
Max current input	A	14	14	10

DIMENSIONS

Model 200



Model 250



OMNIA FT		200	250	250T
Packaged unit (WxHxD)	mm	700 x 2050 x 800	700 x 2300 x 800	700 x 2300 x 800
Net weight (min-max) (*)	kg	158 / 184	180 / 206	180 / 206
Operation weight (min-max) (*)	kg	349 / 393	421 / 465	421 / 465
Packaged unit weight	kg	164	187	187

(*) **min** = the weight refers to the basic unit without accessories / **max** = the weight refers to the basic unit with buffer tank and 2 zone kit accessories installed