HydroFull

The HydroFull range concentrates all the main system components within a single container, simplifying the installation of heat pump systems.

- **WIDE RANGE**
  Different models are available with different types of DHW storage and various sizes of inertial storage for system service.

- **FULL ELECTRIC SOLUTION**
  The HydroFull range can be operated with i-32V5 and i-290 series monobloc pumps with a service guarantee using electricity only.

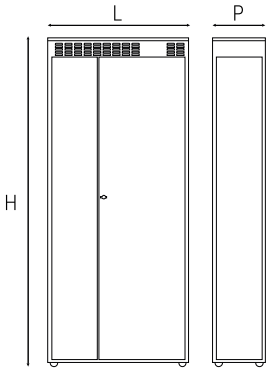
- **DOMESTIC HOT WATER**
  Perfect combination of the high reliability of the tank made of AISI 316 L stainless steel and two different capacities for different needs.

- **INSTALLATION FLEXIBILITY**
  Various models of storage box allow them to be installed either recessed within the masonry or visible.

- **INERTIAL STORAGE**
  Various standard or optional equipment allows to guarantee an adequate volume of technical water.

Maximum flexibility 5 Versions

MAXA
MAXA
MAXA
MAXA



Dimensions		C	R	L	X	Y
L	mm	700	950	1000	1000	1000
P	mm	350	350	425	425	425
H	mm	2200	2200	2250	2250	2250

		HydroFull-C	HydroFull-R	HydroFull-L	HydroFull-X	HydroFull-Y
Insulation type domestic hot water tank		polyurethane	polyurethane	polyurethane	polyurethane	polyurethane
Exchange surface	mq	1.65	1.2	2	2	2
Inertial tank capacity	L	20	20	-	40	40
Net weight	kg	100	149	185	210	210
Nominal capacity of domestic hot water tank	L	150	150	200	200	200
Useful hydraulic pump head	kPa	68	68	68	68	68
Volume of the expansion vessel	L	6	6	12	12	12
Heat loss	W	75	75	75	75	75
Net box dimensions (LxHxP)	mm	700 x 2200 x 350	950 x 2200 x 350	1000 x 2250 x 425	1000 x 2250 x 425	1000 x 2250 x 425

HydroFull is only compatible with:

Range	Models
i-32V5	**06A, 08A, 10, 10T, 12, 12T**
i-290	**0106, 0109, 0112**

HydroFull-C accessories

CARTER Wall box side closure Carter kit for covering hydraulic connections in visible installations

VE10C System expansion tank kit 10 lt

RE1.5M-R 1.5 kW electric heater, complete with safety thermostat, managed by the PDC electronics

HydroFull-R accessories

BOX-R Wall box for built-in or visible installation. Supplied disassembled.

RE1.5M-R 1.5 kW electric heater, complete with safety thermostat, managed by the PDC electronics

HydroFull-L accessories

BOX-L-Z Galvanised built-in installation wall box. Supplied disassembled.

BOX-L-V Wall box for exposed installation painted RAL 9016. Supplied dissambled

RE1.25M-L 1.25 kW electric heater, complete with safety thermostat, managed by the PDC electronics

HydroFull-X accessories

BOX-L-Z Galvanised built-in installation wall box. Supplied disassembled.

BOX-L-V Wall box for exposed installation painted RAL 9016. Supplied dissambled

RE1.25M-L 1.25 kW electric heater, complete with safety thermostat, managed by the PDC electronics

VE10AT Expansion tanks 10 l for technical water storage

HydroFull-Y accessories

BOX-L-Z Galvanised built-in installation wall box. Supplied disassembled.

BOX-L-V Wall box for exposed installation painted RAL 9016. Supplied dissambled

RE1.25M-L 1.25 kW electric heater, complete with safety thermostat, managed by the PDC electronics

VE10AT Expansion tanks 10 l for technical water storage

KR-L Direct booster set with standard circulator 6 m head

K-MIX-L Mixed booster set (230V) with standard circulator 6 m head

HydroFull-C

BOX
White painted box for built-in or exposed installation (only 70 cm width, 35 cm depth and 2.2 m height), with practical front opening for easy inspection and maintenance.

BOILER
Vertical stainless steel boiler with a capacity of 150 litres, high stratification with increased coil with high exchange surface. An electric heating element can be fitted as optional.

INERTIAL STORAGE 20 LITRES

RELAUNCH KIT
Direct zone relaunch kit downstream of the hydraulic compensator

HYDRAULIC AND ELECTRIC KIT
Hydraulic and electrical kit for connection with heat pumps of the i-32V5 and i-290 series including:
- • 3-way valve with priority on the DHW side
- • 6-litre expansion vessel on DHW side
- • thermostatic mixing valve
- • system loading unit
- • relaunch circulator with 7 m head
- • hydraulic compensator.

HydroFull-R

BOX
White painted box for built-in or exposed installation with practical front opening for easy inspection and maintenance (accessory).

BOILER
Highly stratified vertical 316L stainless steel boiler with a capacity of 150 litres, single elliptical coil with concentric double helix for 1.2 m2 of surface area. HYDRAULIC AND

ELECTRIC KIT
Hydraulic and electrical kit including:
- 3-way valve sanitary priority
- 20-litre inertial storage to optimise the modulation accuracy of the heat pump
- thermostatic mixing diverter valve
- 6-litre domestic expansion tank
- Taps kit

*All components are supplied in special mounting kits

HydroFull-L

BOX
Box supplied disassembled, made of galvanised sheet metal for built-in installation, with vasistas opening doors or self-supporting box supplied pre-assembled, made of sheet metal painted RAL 9016, with vasistas opening doors.

SANITARY CIRCUIT
Sanitary circuit, with AISI316L stainless steel boiler, 200 L capacity in with heat pump exchanger with nominal power up to 12 kW.

HYDRAULIC CIRCUIT
Hydraulic circuit for connection to the heat pump system.

SUPPLIED MATERIALS
- sanitary diverter valve
- connection pipes to the boiler
- sanitary circuit connection pipes safety devices
- thermostatic valve
- sanitary circuit connection pipes safety devices.

*All components are supplied in special mounting kits

HydroFull-X

BOX
Box supplied disassembled, made of galvanised sheet metal for built-in installation, with vasistas opening doors or self-supporting box supplied pre-assembled, made of sheet metal painted RAL 9016, with vasistas opening doors.

SANITARY CIRCUIT
Sanitary circuit, with AISI316L stainless steel boiler, 200 L capacity in with heat pump exchanger with nominal power up to 12 kW.

HYDRAULIC CIRCUIT
Hydraulic circuit for connection to the heat pump system.

SUPPLIED MATERIALS
- sanitary diverter valve
- connection pipes to the boiler
- sanitary circuit connection pipes safety devices
- thermostatic valve
- sanitary expansion tank
- direct discharge to the system.

ACCUMULATION
40 litre technical water tank

*All components are supplied in special mounting kits

HydroFull-Y

BOX
Box supplied disassembled, made of galvanised sheet metal for built-in installation, with vasistas opening doors or self-supporting box supplied pre-assembled, made of sheet metal painted RAL 9016, with vasistas opening doors.

SANITARY CIRCUIT
Sanitary circuit, with AISI316L stainless steel boiler, 200 L capacity in with heat pump exchanger with nominal power up to 12 kW.

HYDRAULIC CIRCUIT
Hydraulic circuit for connection to the heat pump system.

SUPPLIED MATERIALS
- sanitary diverter valve
- connection pipes to the boiler
- sanitary circuit connection pipes safety devices
- thermostatic valve
- sanitary expansion tank
- predisposition for two relaunches.

ACCUMULATION
40 litre technical water tank

*All components are supplied in special mounting kits