

HYDRAULIC CABINETS

UNIVERSAL MODULAR SYSTEM



NEW 2023

**THERMATEC HYDRAULIC CABINET SYSTEM
FOR MONOBLOCK HEAT PUMPS**

Universal modular system of THERMATEC hydraulic cabinets for monoblock heat pumps

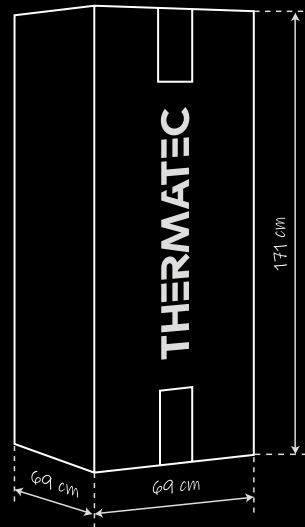
THERMATEC hydraulic cabinets are a universal, comprehensive solution for any monoblock heat pump available on the market.

The compact dimensions of the hydraulic cabinet modules have been designed to fit into any non-standard room. The maximum height of **171 cm** allows for installation in even very low spaces, while the width and depth of the module enable the cabinet to be brought into boiler rooms with door widths as small as **70 cm**.

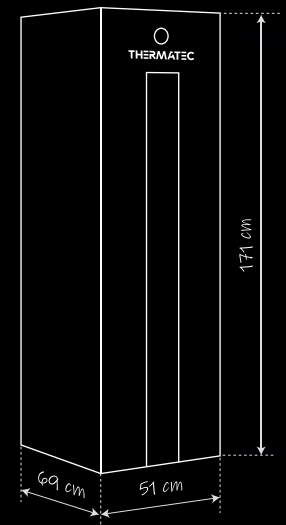
The weight of the THERMATEC hydraulic cabinet has been designed with mobility in mind. The weight of a single module is a maximum of **110 kg**, and built-in convenient handles allow for unit placement without the need for specialized lifts.

We have developed THERMATEC cabinets taking into account potentially adverse conditions in boiler rooms, such as high humidity. The basic construction is made of aluminum profiles, while the housing is made of high-strength, corrosion-resistant composite panels.

THERMATEC cabinets are available in various configurations to adapt the hydraulic system to the building's needs. The cabinets contain various-sized domestic hot water (DHW) and buffer tanks, pre-assembled pump groups with automatic mixers, expansion tanks, three-way valves, an anti-freezing system (anti-frost), and other elements necessary for the proper functioning of the heat pump.



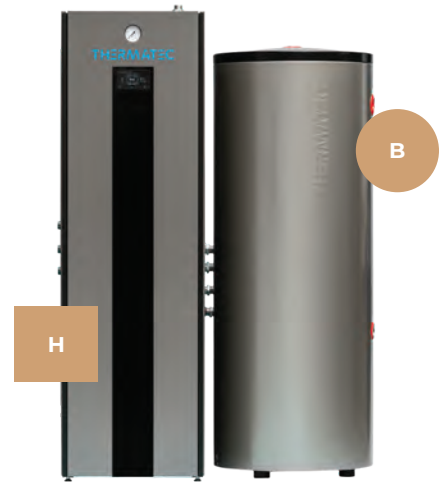
**Easy and fast
installation**





Modularity and flexibility

Ability to configure according to customer needs



POSSIBLE OPTIONS:

- H** Built-in hydraulic set
- H+B** Built-in hydraulic set with buffer

- B** Built-in buffer tank
- B** Freestanding buffer tank

- C.W.U.** Built-in domestic hot water tank
- C.W.U.** Freestanding domestic hot water tank



CABINET COLORS:

- anthracite
- white

TANK COLORS:

- silver
- black mat

BENEFITS

- ✓ modern design
- ✓ aesthetic appearance
- ✓ quick and convenient installation
- ✓ mobility
- ✓ branded components
- ✓ high-quality craftsmanship
- ✓ resistance to challenging conditions – built-in construction made of aluminum, composite panels, and stainless steel
- ✓ maximum width and depth up to 69 cm
- ✓ adjustable feet

STANDARD EQUIPMENT

- ✓ complete hydraulic system
- ✓ collecting vessels (expansion tanks)
- ✓ safety valves
- ✓ flexible stainless steel hose connections
- ✓ pressure gauge
- ✓ LED lighting
- ✓ electrical distribution board with protections
- ✓ electricity submeter
- ✓ parallel or series configuration
- ✓ magnetic filter

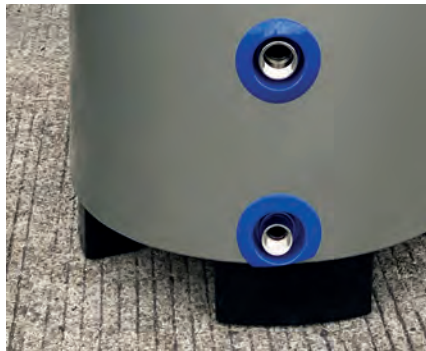
OPTIONAL EQUIPMENT

- ✓ emergency anti-freeze system (anti-frost) 12V
- ✓ buffer power supply
- ✓ battery
- ✓ 12V ball valve
- ✓ 12V circulation pump
- ✓ TECH I-1 and TECH I-2 controllers for controlling heating circuits
- ✓ single or double central heating pump group with an automatic mixer (one or two heating circuits)

Main advantages of THERMATEC hydraulic cabinets



Modular design with exceptional aesthetics available in two color variants: anthracite and white.



Buffer tank of 90 or 100 liters and domestic hot water tank of 300 liters, made of high-quality stainless steel, are standard equipment elements of THERMATEC hydraulic cabinets in the H+B + DHW option or set.



The domestic hot water tank can be optionally equipped with an additional heater, manually operated independently of the heat pump operation.



Optionally integrated 3 kW flow-through heater serves as a power reserve in case of extremely low ambient temperatures.



Electricity meter allows for monitoring the energy consumption of the heat pump.



The unit is equipped with an anti-freezing system (anti-frost), which activates in case of power outage. It is dedicated to monoblock heat pumps.



Complete hydraulic solutions are based on stainless steel and brass components.



Possibility of optional color built-in display (control module) with high resolution can be integrated to manage the operation of the heat pump.



The use of our hydraulic cabinet significantly reduces installation time for the customer.

„The concept of producing hydraulic cabinets was created in response to the needs of installers. Based on our own experience, we have developed the universal modular system of THERMATEC hydraulic cabinets, which greatly simplifies and shortens the installation time.”

Paweł Cebulak
Production Director





DISTRIBUTOR'S STAMP



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