

Warmth of nature



HYDRAULIC MODULE WITH
INTEGRATED STORAGE TANK
FOR MONOBLOCK HEAT PUMPS

T-BLOCK T-BLOCK PRO

perfect cooperation with
heat pumps from the
Termet Heat series

T-BLOCK is a modern hydraulic module for central heating and hot water designed to work with a monoblock heat pump. With its integrated 182-litre storage tank, it is a complete solution that can be used in almost any building, both new and retrofitted. The placement of the components in an elegant casing makes the unit blend in perfectly with any interior.

- Corrosion - and moisture-resistant housing;
- Space-saving - no need for a classic boiler room;
- It significantly simplifies and shortens installation time and reduces the possibility of installation errors;
- Installer-friendly design thanks to easy access to all components;
- Top-quality components, which contributes to the device's long service life;
- Available in several configurations to suit the requirements of almost any installation;
- Control of 3 heating circuits possible (version with HP Multi regulator);
- Peak source in the form of a 6 kW (2+2+2) 3-phase electric heater;
- Protection of the storage tank against corrosion through a magnesium anode;
- Numerous overpressure protection devices, including expansion vessels for central heating and hot water, a safety valve for central heating with an opening pressure of 3 bar, and a safety valve for hot water with an opening pressure of 6 bar.



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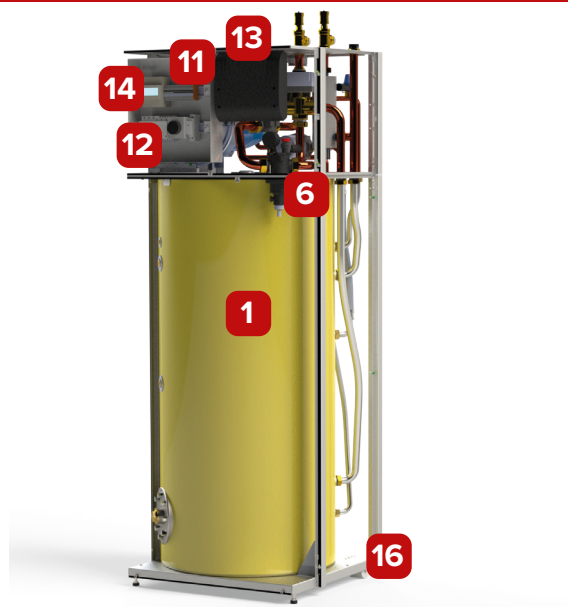
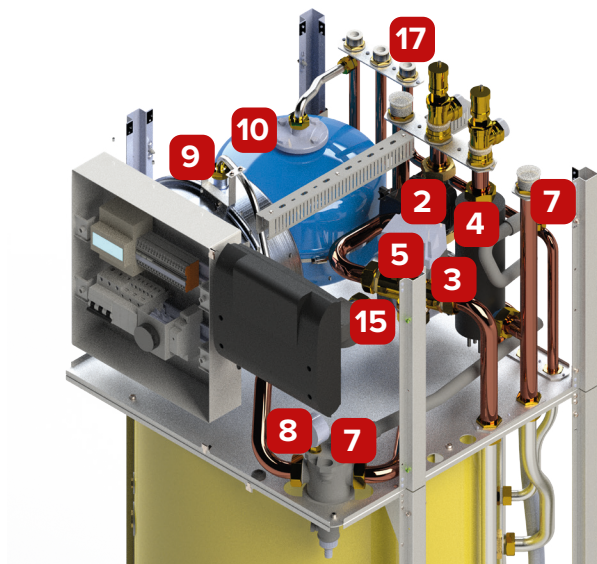
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TECHNICAL AND FUNCTIONAL ADVANTAGES



- 1. 182 litre DHW tank** with a 2.53 m² double-coiled coil to provide a large heat exchange surface and proper heat extraction from the heat pump
- 2. central heating circulation pump**
- 3. DHW circulation pump**
- 4. an electric heater** as a peak source of heating to ensure thermal comfort even in the coldest weather
- 5. three-way diverter valve** - KVS flow rate 8.4 m³/h
- 6. magnetic filter** - protects the heat pump and the system from impurities
- 7. vent**
- 8. pressure gauge** for convenient pressure control
- 9. expansion vessel** for the central heating system to protect the central heating system against pressure increase
- 10. DHW expansion vessel** to protect the DHW system against pressure increase

- 11. electrical terminal block**
- 12. safety devices**
- 13. HP Multi control** (applies to T-Block version with control) - only available in combination with Termet Heat-pump
- 14. electricity meter** (applies to T-Block PRO version)
- 15. flow meter** (applies to T-Block PRO version)
- 16. rollers for easy movement**
- 17. Water connections available at the top of the T-Block:**
 - supply from heat pump G1"
 - return to heat pump G1"
 - buffer supply G1"
 - return from the buffer tank G1"
 - cold water inlet G3/4"
 - hot water outlet G3/4"
 - hot water circulation inlet G3/4"

TECHNICAL SPECIFICATIONS

Termet T-BLOCK 13 PG (HP) (PRO)

Hydraulic parameters		
Capacity of the built-in hot water tank	l	182
Maximum operating pressure of central heating / Maximum operating pressure of hot water	bar	3 / 6
Minimum heating medium temperature	°C	8
Maximum heating medium temperature	°C	95
Central heating expansion vessel	l	12
Domestic hot water expansion vessel	l	12
Heating medium	-	Water/glycol solutions up to 35%
Electrical parameters		
Maximum electrical power consumption (version G with heater)	kW	6,5
Supply voltage	-	~400V/3 fazy/50 Hz
IP degree (protection level)	-	IP X4D
Dimensions		
Dimensions [L x W x H] without connectors	mm	600 x 650 x 1753