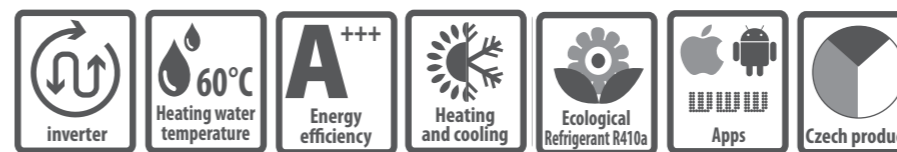
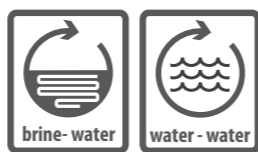


AquaMaster Inverter Combi



brine to water, water to water, inverter, built-in stainless steel tray 170 l

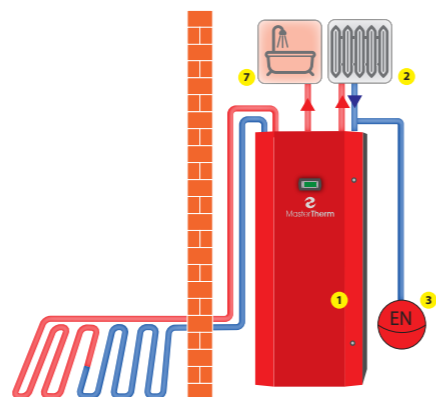
Model	B0W35		B0W35 ¹⁾		W10W35		Seasonal heating energy efficiency - low-temperature operation 35°C				Seasonal heating energy efficiency - medium-temperature operation 55°C				Circuit breaker ²⁾		Compressor, supply voltage 3ph/1ph	Weight (kg)	Leakage control of refrigerant circuit EP 517/2014	STANDARD (μPC) Price EUR EXW CZ	PLUS (pCO ₅) Price EUR EXW CZ
	Power kW	Power kW	COP	Power kW ³⁾	COP	Power kW	SCOP	ηs %	Class	Power kW ³⁾	SCOP	ηs %	Class	3 phase units	1 phase units						
AquaMaster Inverter 17IC	1-5	2,95	4,3	3,79	5,51	5	4,65	179	A+++	4	3,53	133	A++	1x20 A"B"	20A"B"	1x230/1x230 V~	270	no	on request	on request	
AquaMaster Inverter 22IC	2-7	4,4	4,5	5,8	5,9	7	4,61	177	A+++	6	3,53	133	A++	1x20 A"B"	20A"B"	1x230/1x230 V~	270	no	on request	on request	
AquaMaster Inverter 26IC	3-9	7,6	4,5	10,2	6,0	9	4,63	185	A+++	9	3,74	141	A++	1x20 A"B"	20A"B"	1x230/1x230 V~	270	no	on request	on request	
AquaMaster Inverter 30IC	4-12	7,9	4,6	10,3	6,1	11	4,85	186	A+++	11	3,78	143	A++	1x25 A"B"	25A"B"	1x230/1x230 V~	275	no	on request	on request	
AquaMaster Inverter 37IC	5-15	10,5	4,7	14,2	6,3	15	5,00	193	A+++	14	3,94	149	A++	3x20 A"B"	32A"B"	3x400/1x230 V~	280	no	on request	on request	

¹⁾ Performance data according to ČSN EN 14 511, in accordance with the EHPA requirements for quality mark Q. B0W35 60Hz - antifreeze mixture 0 °C, water 35 °C, compressor frequency 60Hz
²⁾ Recommended value of el. 3x400V fuse with basic equipment incl. Electric boiler. The 22IC and 30 ICs can also be connected to a 1x230V grid with 40A "B" [22IC] 50A "B" [30IC]
³⁾ Design power at outdoor temperature -10 °C according to ČSN EN 14 825.

Heat pump connected directly to the heating system with in-built 170l dhw cylinder.

1-heat pump, 2-heating system, 3-expansion vessel, 7-dhw outlet

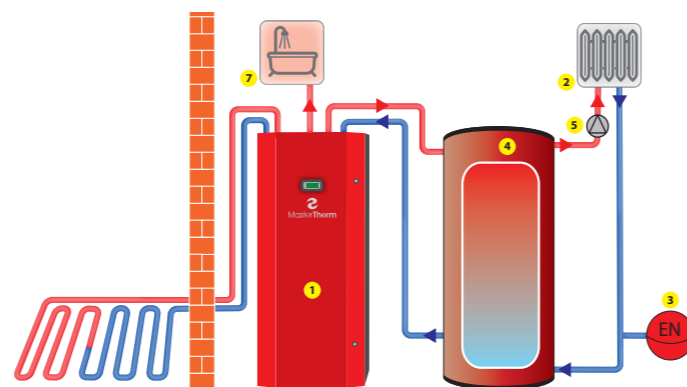
The heat pump (1) is directly connected to heating system. Heating water temperature is controlled according to a weather compensation curve. Production of hot water is a priority over the heating system and is prepared via the internal cylinder. This type of system is ideally suited to underfloor heating systems (ufh) but also systems with radiators with a large volume of heating water utilising our pAD room terminal. This solution limits the possibility of local zone control (independent loop ufh, thermostatic valves on radiators).



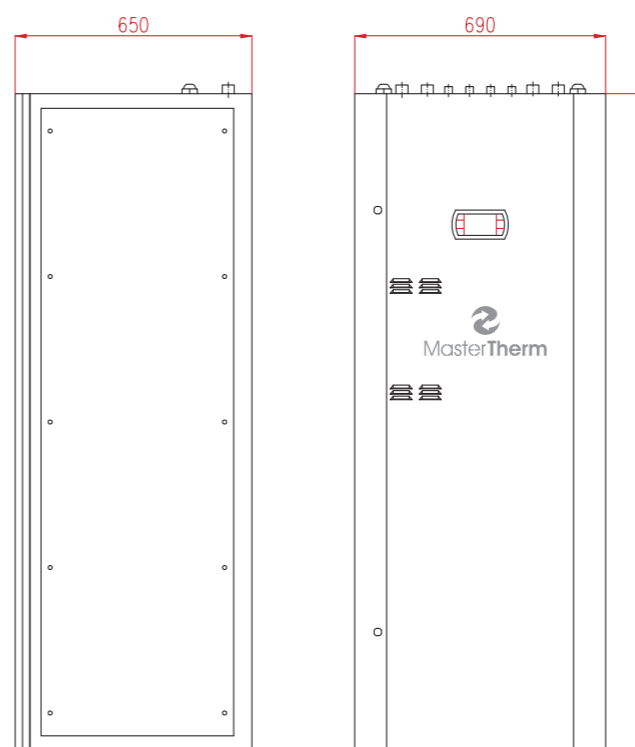
Heat pump connected to a buffer tank with in-built 170l dhw cylinder .

1-heat pump, 2-heating system, 3-expansion vessel, 4- buffer tank, 5- heating circulation pump, 7-dhw outlet

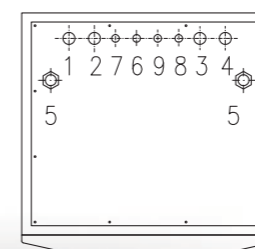
Heat pump (1) connected to the heating system through a buffer tank (4) which has the function of thermal buffer and a low loss header. Heating water temperature is controlled according to a weather compensation curve. The flow to the heating system is controlled by the main heating circulation pump. Production of hot water is a priority over the heating system and is prepared via the internal cylinder. This solution is ideally suited to systems with low heat buffering capacity and systems that require independent room zone control. Additionally, this type of system has the ability to integrate a secondary source of heat into the buffer tank (4) such as a wood stove with back boiler.



Dimensions and connections:



- 1 - Water / Mix Input
- 2 - Water / Mix Output
- 3 - Heating water outlet
- 4 - Heating water inlet
- 5 - Electrical connection
- 6 - HW Input
- 7 - HW Output
- 8 - CW Input
- 9 - CW Output



Heating circuits control	STANDARD (μPC)	PLUS (pCO ₅)
Intended for	single-circuit heating systems	multi-circuit heating systems
Main heating circuit	Yes	Yes
Secondary heating circuit	No	2 independent including mixing
Room temperature	In 1 zone	In 2 zones
SHW	Yes	Yes
Optional	No	Up to 6 heating circuits

Options

- Internet HP control Master
- Passive Cooling module
- Terminal pAD temperature compensation
- Terminal pADh floor cooling
- Expanded control module for PLUS version
- Internal unit (silver or red colour)

RAL 9006

RAL 3020

Standard equipment

- ✓ Stainless steel tray with a capacity of 170 l with integrated solar exchanger
- ✓ Integrated graphic terminal PGD
- ✓ Special compressor with variable speed control
- ✓ Equitherm control system MaR
- ✓ Electronically controlled coolant injection
- ✓ Electric boiler 4,5 kW
- ✓ Main power supply switch

Features

- ▶ Use for heating and cooling
- ▶ Continuous control of heating power
- ▶ High efficiency hot water heating, heating water temperature up to 60 °C
- ▶ Heating system on 0,5 m²
- ▶ Quiet operation
- ▶ No buffer tank required
- ▶ Control up to 6 heating circuits

