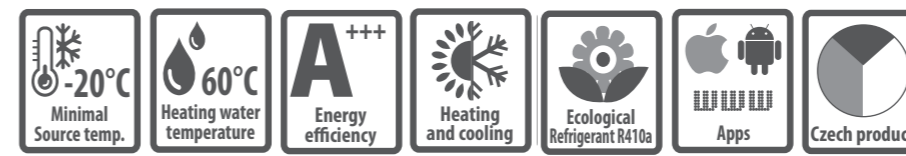
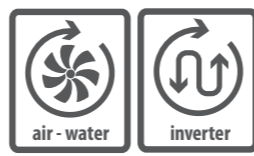


BoxAir Inverter Split Combi

NEW DESIGN OF EXTERNAL UNITS



air to water, split, inverter, built-in stainless steel tray 170 l outdoor or indoor installation

Model	A7W35		A7W35 60Hz ¹⁾		A2W35 60Hz		A-7W35 80Hz		A-15W35 90Hz		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	Price EUR EXW CZ
	Power (kW)	Heat loss Qz (kW)	Power (kW)	COP	Power (kW)	COP	Power (kW)	COP	Power (kW)	COP	Power (kW)	SCOP	ηs %	Class	Power (kW) ³⁾	SCOP	ηs %	Class	3 phase units	1 phase units				
BoxAir-22ISC	2-7	to 5,5	4,9	4,7	3,6	3,5	3,6	2,8	3,2	2,6	5	4,18	164	A++	4	3,22	126	A++	16A"B"	20A"B"	1x230/1x230 V~	260	no	on request
BoxAir-26ISC	3-9	to 8,5	8,1	4,6	5,6	3,5	5,5	2,8	5,1	2,4	6,5	4,28	168	A++	6,3	3,24	126	A++	20A"B"	20A"B"	1x230/1x230 V~	265	no	on request
external unit - single fan																						50		FOC
BoxAir-37ISC	5-17	to 13	11,5	4,7	8,8	3,7	8,7	2,8	8,2	2,3	11	4,48	176	A+++	10	3,50	137	A++	25A"B"		3x400 V~		no	on request
external unit - 2 fans																						70		FOC

¹⁾ Performance data according to ČSN EN 14 511, in accordance with the EHPA requirements for quality mark Q. A7W35 60 Hz - air 7 °C, water 35 °C, compressor frequency 60 Hz
²⁾ Recommended value of el. 3x400V fuse, incl. Auxiliary integrated electric boiler. The units can also be connected to a 1x230V network with 40A"B"(22I), resp. 50A"B"(26I).
³⁾ Design power at outdoor temperature -10 °C according to ČSN EN 14 825.

Options

- Internet HP control Master
- Full Cooling reversing
- Terminal pAD temperature compensation
- Terminal pADh floor cooling
- Expanded control module
- Evap. with Corrosion Resistant Coating (single fan)
- Evap. with Corrosion Resistant Coating (2 fans)
- Modification to IndoorSplit
- External unit colour on demand RAL code
- External unit 4legs vertical or console
- External unit (silver, red or green colour)
- 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
- ✓ Graphic terminal PGD
- ✓ Variable output Inverter Compressor
- ✓ New low-noise fan
- ✓ Equitherm control system MaR
- ✓ Built-in immersion heater and circulation pump
- ✓ Main power supply switch
- ✓ Electronically controlled coolant injection

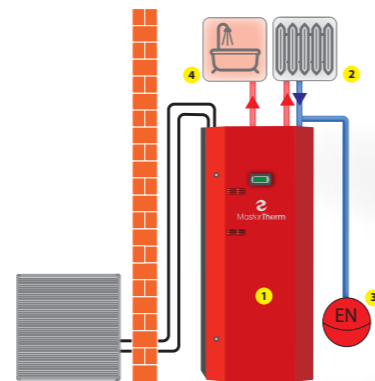
Features

- ▶ Split construction
- ▶ Use for heating and cooling
- ▶ The temperature of heating water to 60 °C
- ▶ Temperatures range from +35 °C to -20 °C
- ▶ Very easy installation, quiet operation
- ▶ No buffer tank required
- ▶ Control up to 6 heating circuits

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

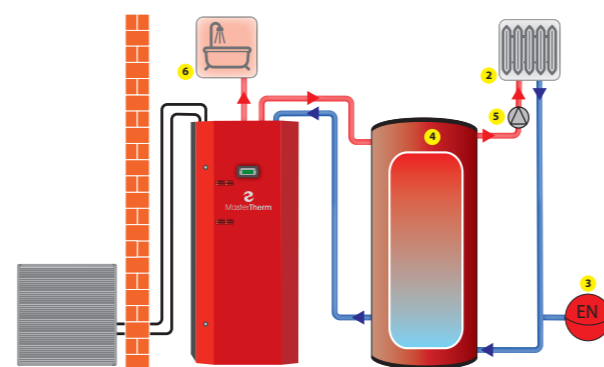
The heat pump (1) is directly connected to heating system. Heating water temperature is controlled according to a weather compensation curve. Production of hot water is a priority over the heating system and is prepared via the internal cylinder. This type of system is ideally suited to underfloor heating 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).



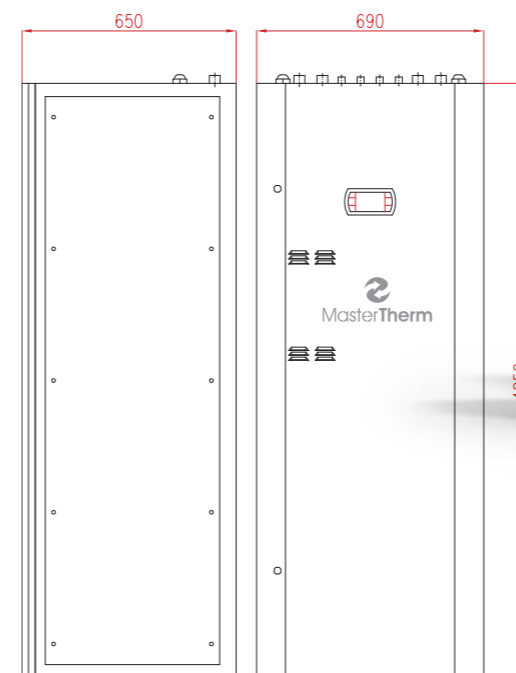
Heat pump connected to a buffer tank with in-built 170l dhw cylinder

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

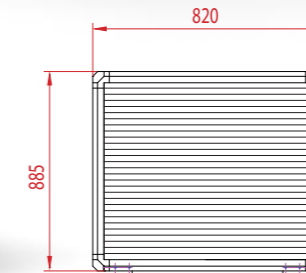
Heat pump (1) connected to the heating system through a buffer tank (4) which has the function of thermal buffer and a low loss header. Heating water temperature is controlled according to a weather compensation curve. The flow to the heating system is controlled by the main heating circulation pump. 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.



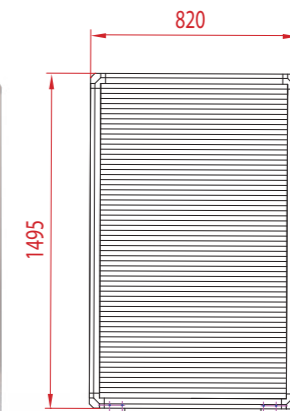
Internal unit:



External unit: BA22ISC and BA26ISC



External unit: BA37ISC



Heating circuits control	PLUS (pCO5)
Intended for	multi-circuit heating systems
Main heating circuit	Yes
Secondary heating circuit	2 independent including mixing
Room temperature	In 2 zones
SHW	Yes
Optional	Up to 6 heating circuits

