

Condenser unit for split option

METRO Splitbox



METRO Splitbox is a fully-insulated condenser unit for indoor installation, which, combined with the METROAIR L outdoor unit, comprises a compact, efficient air/water heat pump for room heating, and for heating water.

The METRO Splitbox and METROAIR L comprise an intelligent, compact inverter-controlled air/water heat pump, which automatically adapts to the heating needs of the house all year round.

Advantages of the METRO Splitbox

- Complete condenser unit, including filter, temperature sensors and control system.
- Compact, easy to fit with the wall bracket supplied.
- Ideal for the cold Nordic climate – the METROAIR L outdoor unit exploits energy from the air right down to temperatures of -20°C.
- Extremely cost-effective compared to competitive products.

EXPERTS IN HEATING AND HOT WATER



METRO THERM's flexible split option

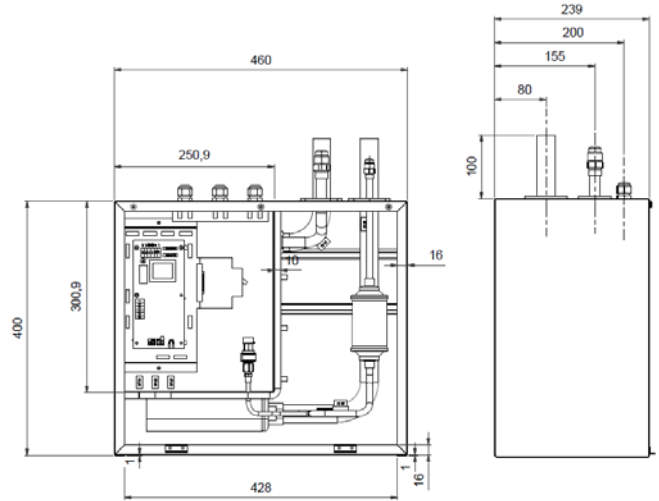
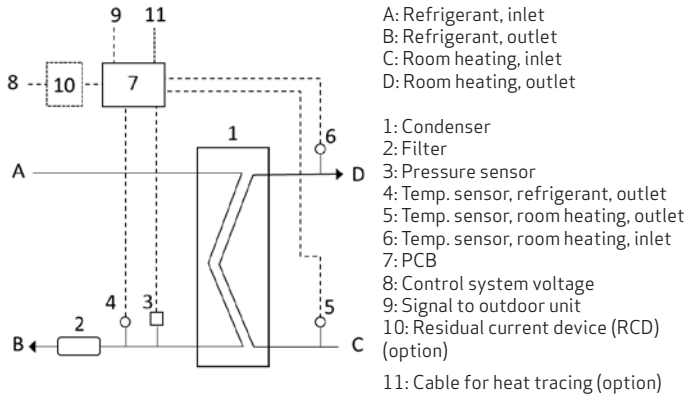
When combined with the METROAIR L outdoor unit, the METRO Splitbox comprises a complete heat pump suitable for use with either the indoor METROAIR 330, or a METROAIR S20 and buffer tank.

Together, the outdoor unit and box comprise a split system in which heat energy from the outdoor air is transferred via a cooling circuit to the room heating liquid from the indoor unit in the Splitbox heat exchanger.

METROAIR Split - a single system

METROAIR Split can extract energy from the outdoor air at temperatures right down to -20°C. METROAIR Split must be connected to a low temperature system in the form of radiators or underfloor heating. The radiators must be dimensioned for low supply temperatures - we recommend max. 55°C. The hot water temperature can be increased by connecting an electrical hot immersion heater.

System principle - METRO Splitbox



Technical data

METRO Splitbox		8/12	16
Dimensions (H x W x D)	mm	460 x 250 x 400	
Net/gross weight	kg	18/21	23/26
Water connections	mm	28	28
Refrigerant, inlet (gas) (flare connection)	"	5/8	5/8
Refrigerant, outlet (liquid) (flare connection)	"	3/8	3/8
Max. water pressure	MPa	1.0	
Max. water temperature	°C	90	
Max. refrigerant pressure	MPa	4.15	
Max. refrigerant temperature	°C	110	
Refrigerant		R410A	
Water quality		≤ EU Directive no. 98/83/EC	
Temperature range for operation	°C	5 - 35	
Max. relative air humidity	%	95	
Electricity supply	V/Hz	230/-50	
Mandatory fuse rating	A	6	
Protection class		IP21	
Fits outdoor unit		METROAIR L8/METROAIR L12	METROAIR L16

Distributor:

Product	Plumbing no.	METRO no.
METRO Splitbox 8/12	346642012	150261601
METRO Splitbox 16	346642016	150261602