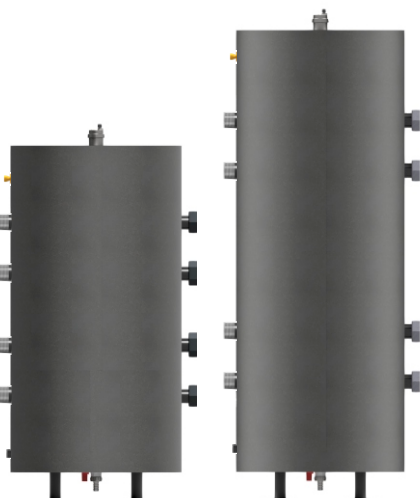
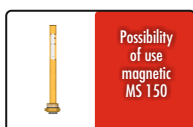


Two-zone accumulation hydraulic separator **DUO-ZONER**

Equipments:



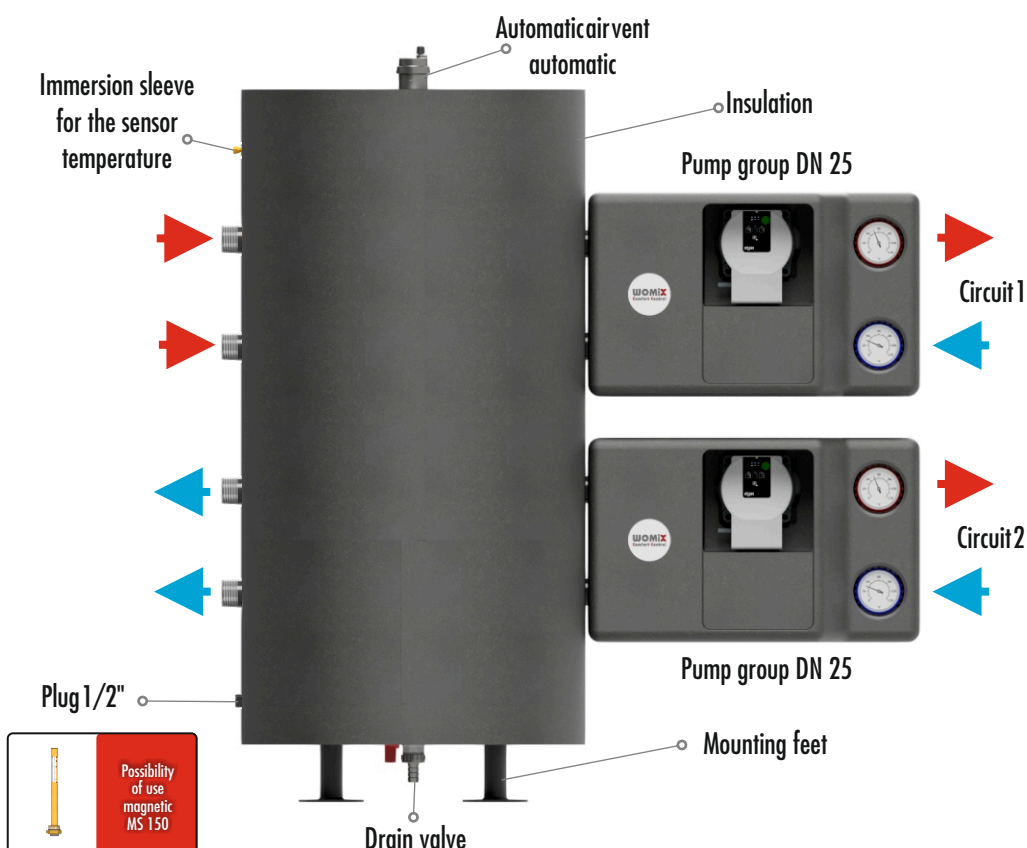
Wall brackets for mounting accumulation hydraulic separator on the wall (additional option)

The two-zone accumulation hydraulic separator **DUO-ZONER** is made of steel. It works as a tank, hydraulic separator and zone manifold for two heating circuits. Its task is to facilitate the operation of the heat pump in order to meet the heat demand with optimal modulation and to cover the peak loads with the support of an auxiliary heat source. Appropriate placement of connections and a partition ensures proper liquid stratification and maintaining an appropriate difference between the two temperature levels. The diameter and spacing of the connections allow for direct connection of DN 25 pump groups in any configuration, giving the possibility to operate up to 2 heating circuits. They are available in two versions, a capacity of 45 L and 70 L, and each of them has the option of connecting 2 heat sources. An additional sleeve allows the use of a magnetic insert MS 150 - DN 15. The product includes insulation, automatic air vent, immersion sleeve for the temperature sensor, drain valve and mounting feet.

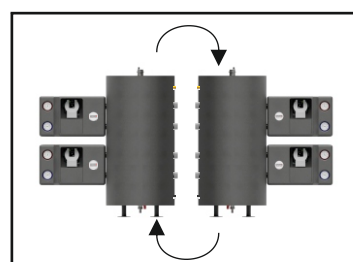
Technical data:

Total capacity:	45L or 70L (depending on the model)
Insulation:	EPP black 60 g/l
Pressure:	6 bar
Maximum temperature:	95 °C
Connection diameter:	
heat source side:	1" M
heating circuits side:	1 1/2" nut
Spacing of connections:	
side of heating circuits:	125mm

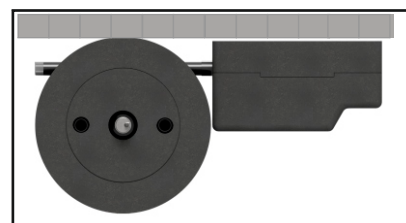
Type	Capacity [l]	Catalog number
Two-zone accumulation hydraulic separator DUO-ZONER 45	45	606790
Two-zone accumulation hydraulic separator DUO-ZONER 70	70	606791
Wall brackets for mounting on the wall		606799
Magnetic cartridge MS 150 - DN 15		607250



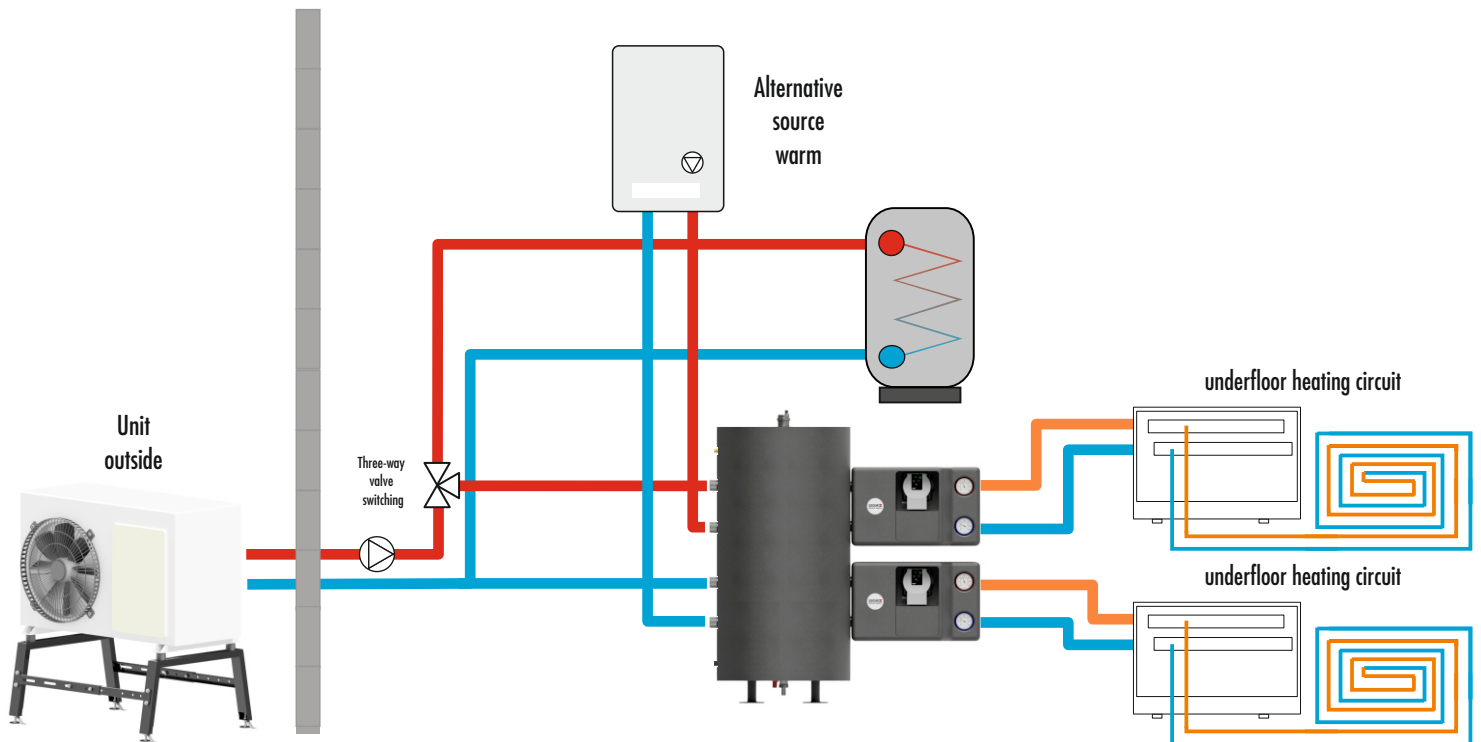
Possibility to connect groups pumps on either side by turning by 180°



The system is designed to enable assembly pump groups on the wall

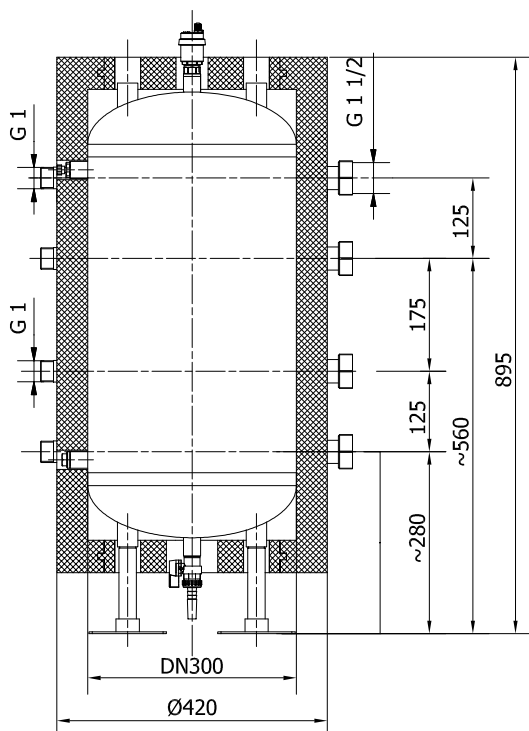


Dimensional diagram two-zone accumulation hydraulic separator **DUO-ZONER**

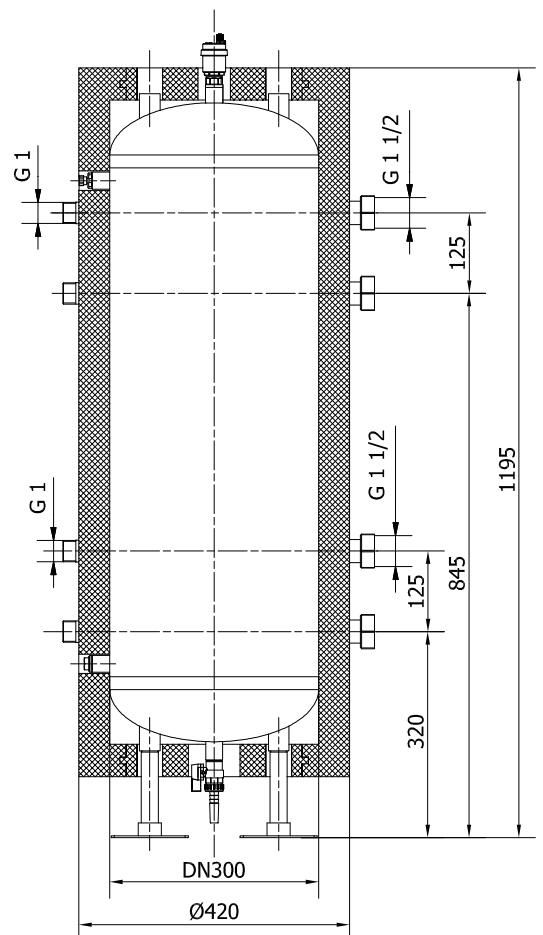


Connection diagram two-zone accumulation hydraulic separator **DUO-ZONER**

45 L



70 L

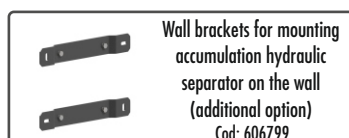


DUO-ZONER sets for two heating circuits with left and right connection

Set **DUO-ZONER L** (left sided)



DUO-ZONER 45 - 45 L
DUO-ZONER 70 - 70 L



Set **DUO-ZONER P** (right sided)



Pump groups mounted on the left side of the two-zone accumulation hydraulic separator. Power supply to the pump groups on the right.

Connection of heat sources on the right side of the two-zone accumulation hydraulic separator.

Pump groups mounted on the right side of the two-zone accumulation hydraulic separator. Supply of the pump groups on the left side.

Connection of heat sources on the left side of the two-zone accumulation hydraulic separator. When ordering this type of set, the pump groups will be factory-delivered with the flow on the left side.

DUO-ZONER 1 set - a set of 2 heating circuits, including one with a rotary mixing valve and an electric actuator

DUO-ZONER 1L



DUO-ZONER 1P



Set 1P requires changing
the supply side of the pump
group to the left side



Set contains:

1. Two-zone accumulation hydraulic separator **DUO-ZONER 45** (Cod.:606890) or **DUO-ZONER 70** (Cod.:606891),
2. Pump group **SA 125 - DN 25**:
 - without pump (Cod.:606051),
 - with pump **Wilo Yonos Para 25/6** (Cod.:616054)
 - with pump **Grundfos UPM3S AUTO 25-60** (Cod.:616056)
 - with pump **DAB Evosta2** (Cod.:616057)
3. Pump group **SMT 125 - DN 25**:
 - without pump (Cod.:606081),
 - with pump **Wilo Yonos Para 25/6** (Cod.:616084)
 - with pump **Grundfos UPM3S AUTO 25-60** (Cod.:616086)
 - with pump **DAB Evosta2** (Cod.:616087)
4. Check valve (Cod.:606031),
5. Actuator **MP 10 - 230 / 140** with adapter nr **A 101**(Cod.:401011).

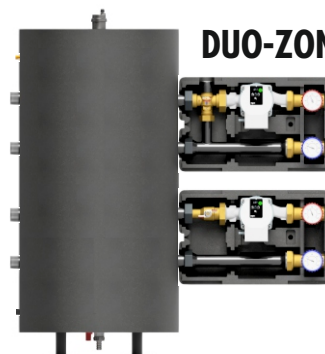


DUO-ZONER 2 set - a set of 2 heating circuits, including one with a thermostatic mixing valve

DUO-ZONER 2L



DUO-ZONER 2P



Set 2P requires changing the supply side of the pump group to the left side



Set contains:

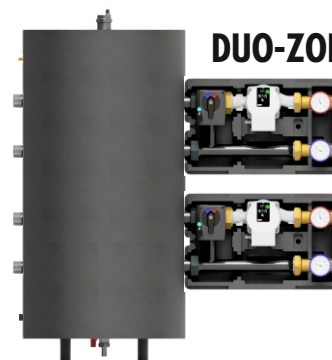
1. Two-zone accumulation hydraulic separator **DUO-ZONER 45** (Cod.:606890) or **DUO-ZONER 70** (Cod.:606891),
2. Pump group **SA 125 - DN 25**:
 - without pump (Cod.:606051),
 - with pump **Wilo Yonos Para 25/6** (Cod.:616054)
 - with pump **Grundfos UPM3S AUTO 25-60** (Cod.:616056)
 - with pump **DAB Evosta2** (Cod.:616057)
3. Pump group **SMTc1 125 - DN 25**:
 - without pump (Cod.:606071),
 - with pump **Wilo Yonos Para 25/6** (Cod.:616074)
 - with pump **Grundfos UPM3S AUTO 25-60** (Cod.:616076)
 - with pump **DAB Evosta2** (Cod.:616077)
4. Check valve (Cod.:606031),

DUO-ZONER 3 set - set of 2 heating circuits with rotary mixing valves and electric actuators

DUO-ZONER 3L



DUO-ZONER 3P



Set 3P requires changing the supply side of the pump group to the left side



Set contains:

1. Two-zone accumulation hydraulic separator **DUO-ZONER 45** (Cod.:606890) or **DUO-ZONER 70** (Cod.:606891),
2. Two pump group **SMT 125 - DN 25**:
 - without pump (Cod.:606081),
 - with pump **Wilo Yonos Para 25/6** (Cod.:616084)
 - with pump **Grundfos UPM3S AUTO 25-60** (Cod.:616086)
 - with pump **DAB Evosta2** (Cod.:616087)
3. Two check valves (Cod.:606031),
4. Two actuators **MP 10 - 230 / 140** with adapter nr **A 101**(Cod.:401011).

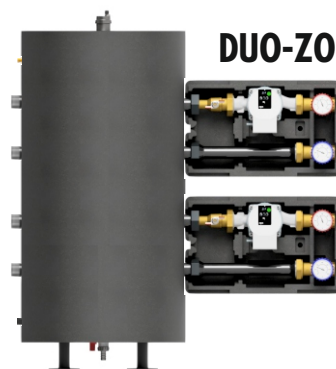


DUO-ZONER 4 set - set of 2 heating circuits without mixing valves

DUO-ZONER 4L



DUO-ZONER 4P



Set 4P requires changing
the supply side of the pump
group to the left side



Set contains:

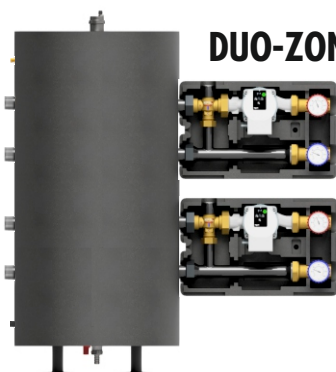
1. Two-zone accumulation hydraulic separator **DUO-ZONER 45** (Cod.:606890) or **DUO-ZONER 70** (Cod.:606891),
2. Two pump group **SA 125 - DN 25**:
 - without pump (Cod.:606051),
 - with pump **Wilo Yonos Para 25/6** (Cod.:616054)
 - with pump **Grundfos UPM3S AUTO 25-60** (Cod.:616056)
 - with pump **DAB Evosta2** (Cod.:616057)

DUO-ZONER 5 set - set of 2 heating circuits with thermostatic mixing valves

DUO-ZONER 5L



DUO-ZONER 5P



Set 5P requires changing
the supply side of the pump
group to the left side



Set contains:

1. Two-zone accumulation hydraulic separator **DUO-ZONER 45** (Cod.:606890) or **DUO-ZONER 70** (Cod.:606891),
2. Two pump group **SMTCT 125 - DN 25**:
 - without pump (Cod.:606071),
 - with pump **Wilo Yonos Para 25/6** (Cod.:616074)
 - with pump **Grundfos UPM3S AUTO 25-60** (Cod.:616076)
 - with pump **DAB Evosta2** (Cod.:616077)
3. Two check valves (Cod.:606031).



Set dimensions diagram DUO-ZONER

