songut

Heating Circuit Group

MOCBAJ/ MOCALT/ MOCB/A

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Heating Circuit Group MOC

Tecnical Data

Dimensions	
Width	400 mm
Height	570 mm
Depth	230 mm
Insulation	EPP
Weight	6 kg (1 unit)
Operating pressure	max. 3 bar
Medium	Heating water
Heating water temperature	max. 115 °C
Nominal width	DN 20
Heat output vmax 1m/s	Kvs 4,0
Δt = 10 K	9 kW
Δt = 20 K	16 kW
Sealing	flat-sealing
	swivel-nut G1
Connections	
Tank-sided	G1 ET flat-sealing
Heating-sided	Rp¾ IT

MOCBAJ:
For low-temperature heating-circuits (Floorheating, etc.).

MOCALT:
For high-temperature heating-circuits (Radiators, etc.).

MOCB/A:
For heating-circuits with high-temperature and low-temperature circuits.

Function:
The MOC is used to connect high- and/or low-temperature heating circuits to the DIR system tank. It boosts on adjustable constant return flow admixing and is suitable for loading pumps with frontal connections. An EPP insulation and optimized buffer connections are responsible for minimal heat losses.

1 Ball valve (flow) heating circuit side
2 Ball valve (return) heating circuit side
3 Gravitational brake
4 Overflow valve
5 Circulation pump HU 15-50
6 3-way-mixer Kvs 4,0 m^3/h
7 Actuator 230 V, 210 s
8 Bypass choke
9 Ball valve (flow) tank side G1 ET
10 Ball valve (return) tank side G1 ET

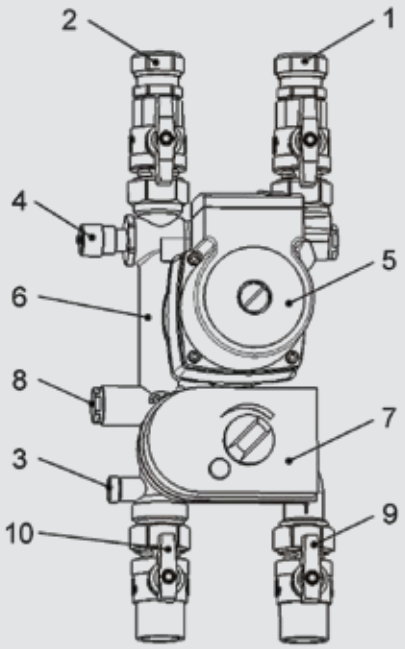
The SOJNGUT-Heating Circuit Unit can be directly attached on to the fresh water system tank DIR. Like the other SONGUT components, it features the same impressive and clean design and fits perfectly onto the FWSS tank in combination with the MAC30 module. The MOC takes the hot water required for the heating circuits from the heating zone of the DIR tank and the return is layered back into the according zone of the tank.

Advantages:

Required space:
- smallest possible block construction
- no internal piping
- minimal external piping, MOC directly attached to the DIR tank

Comfort:
- plug-in delivery
- easy installation on DIR tank
- wall fastening feasible
- maintenance without draining of tank and heating
- impressive and clean design with hidden piping
- ball valves with flow and return scales

Technology:
- big capacity coverage due to mixing unit with high Kvs-value =4,0 - 9 kW at Δt 10 K
  - 16 kW at Δt 20 K
- adjustable constant return flow admixing
- integrated gravitational brake to avoid unintended circulation
- integrated sensor socket
- heat insulated design
- universally fits various heating controls



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