

Instructions - FlowBox heating

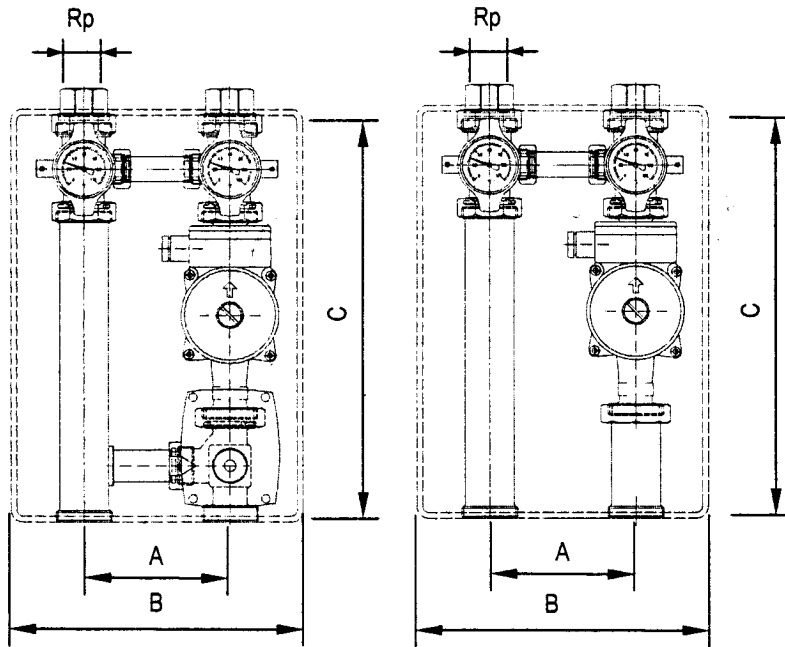


Abb. 1

Materials

Fittings	: hot-pressed brass, Ms58
Pipe systems	: precision pipes
Heat insulation cladding	: EPP - with patented snap seam fitting
Grips	: glass fibre-reinforced and temperature-resistant plastic
Gaskets	:
O-ring seals	: EPDM elastomers
Flat seals	: AFM 34 or EPDM elastomers
Ball seats	: PTFE

Technical data (Fig. 1)

FlowBox Typ	HK / HKM DN 25	HK / HKM DN 25	HK / HKM DN32	HK / HKM DN32
Max. adm. operating temp.	: 110°C	230 F	110°C	230 F
Min. adm. operating temp.	: -20°C	4 F	-20°C	4 F
Max. adm. operating pressure	: 10 bar	145 psi	10 bar	145 psi

* Possibility of condensate formation at media temperature below 20°C / 68 F. In addition, suitable cooling agents must be used if the media temperature falls below the freezing point of water.

Overall height (incl. insulation) C:	
Width incl. insulation B:	
Centre spacing A:	
Screw connection Rp:	1 1/4" NPT female 1 1/2" NPT female

Wall mounting (Fig. 2) → Wall brackets available as accessories!

- Align wall bracket on wall and fasten in place using plugs and screws. If several control units are to be mounted next to one another, the correct centre spacing of the heat insulation components is dictated by the dovetails.
- Push the back section of the heat insulation onto the square bolts of the wall bracket - by breaking through the specified points in the insulation (puncture these points using a screwdriver in advance).
- The mounting lugs (recessed) for mounting on the bolts of the wall bracket are located on the rear of the ball valves. It is important that you hear the sound of the clip latching in place. After mounting, it must not be possible to easily pull the control unit towards you and off the bracket. Removal is described under 6.
- Connect to boiler/heating circuit.
- After the system has been filled and a complete seal-tightness check performed, attach the front section of the heat insulation.
- Removing the control unit from the wall bracket:** Use a screwdriver, pipe wrench or similar tool to pull the clips of the mounting lugs behind the ball valves up and out. **Important: The control unit is now loose! Take care to ensure that it cannot fall forwards and out of the wall bracket!**

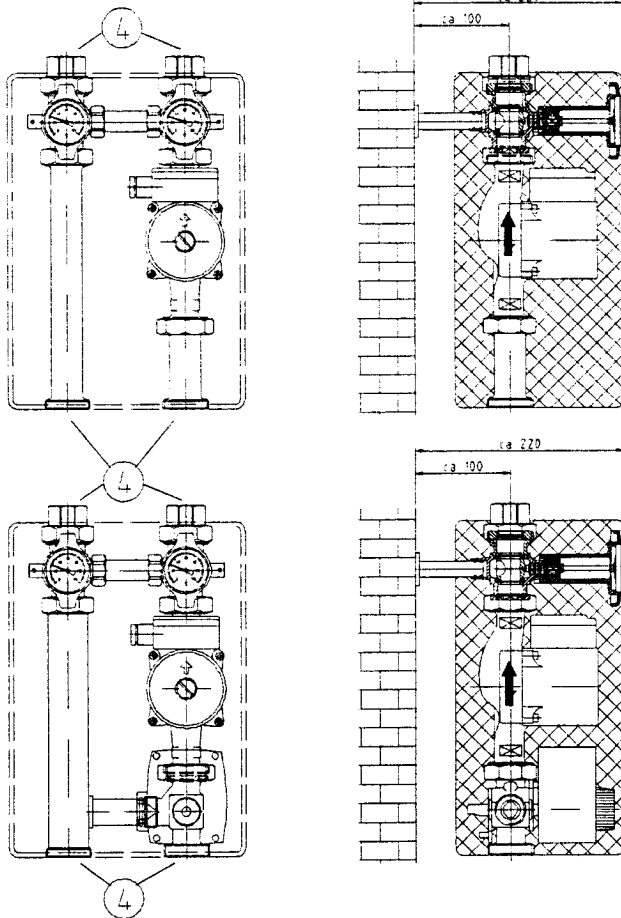


Fig. 2

Mounting and removal of the servomotor (Fig. 3+4)

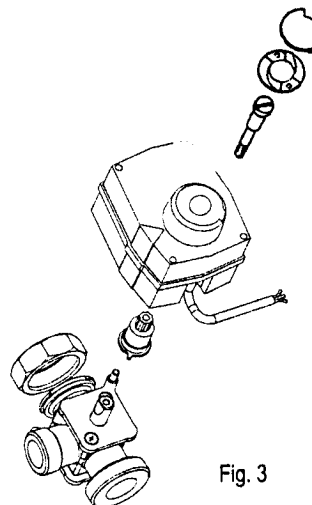


Fig. 3

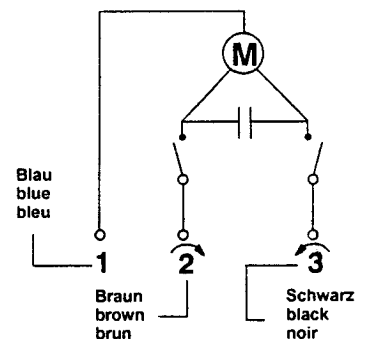


Fig. 4