

Introduction



Controllers AHC are intended to control mixing circuit temperature according to outdoor or room temperature and requested room temperature. Controllers AHC10 and AHC20 use for operating the outdoor sensor (weather compensated), controller AHC11 and AHC21 use room sensor (thermostatically guided), controllers AHC12 and AHC22 are universal and have an possibility to choose the operation mode with outdoor or room sensor. Setup of controller is done with touch sensitive keypad on the cover of the controller. Display is used to indicate actual temperatures and to setup the controller.

type	stand-pipe sensor	outdoor sensor	room sensor	circulation pump
AHC10	✓	✓	✗	✗
AHC11	✓	✗	✓	✗
AHC12	✓	✓ or	✓	✗
AHC20	✓	✓	✗	✓
AHC21	✓	✗	✓	✓
AHC22	✓	✓ or	✓	✓

Features

- requested room temperature setting range 10 ÷ 30 °C
- parallel shift and heating/cooling curve steepness setting
- display of actual temperature
- selection of opening direction
- selection of controller sensitivity
- heating or cooling operation mode
- stand-pipe temperature sensor
- outdoor temperature sensor (AHC10, AHC12, AHC20, AHC22)
- room temperature sensor (AHC11, AHC12, AHC21, AHC22)
- control of circulation pump (AHC20, AHC21, AHC22)
- indication of valve turning direction
- indication of pump operation (AHC20, AHC21, AHC22)
- installation sets for many mixing valves
- running torque 6 Nm
- running speed 2 minutes

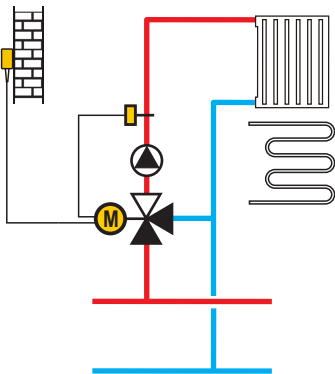
Installation

Manufacturer and type of valve	Installation set ordering code
Esbe, Afriso, WIP, Hora, BRV, Acaso, IVAR, Seltron, IMIT, IMP...	ASCAVMSA
Esbe VRG..	ASCAVMSG
Centra ZR.. / DR..	ASCAVMSC
Centra DRU	ASCAVMSD
Siemens VBI.. / VBF..	ASCAVMSF
Wita, Meibes	ASCAVMSF
PAW	ASCAVMSJ
Honeywell V5442.. / V5433..	ASCAVMSI

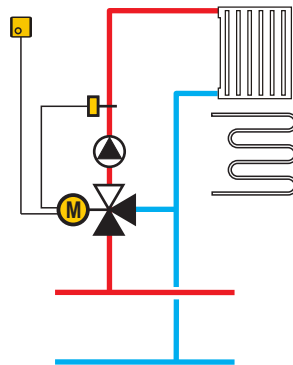
Appearance



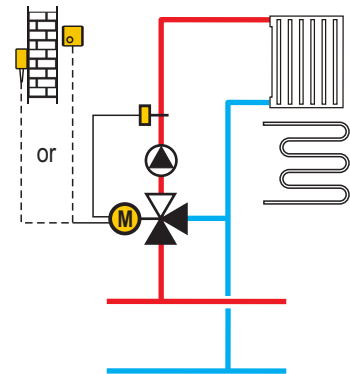
Application AHC10



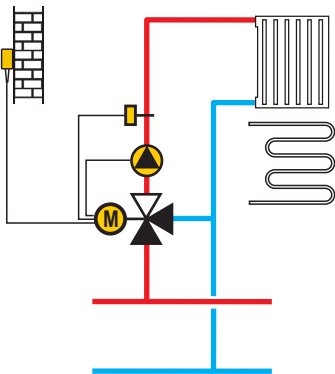
Application AHC11



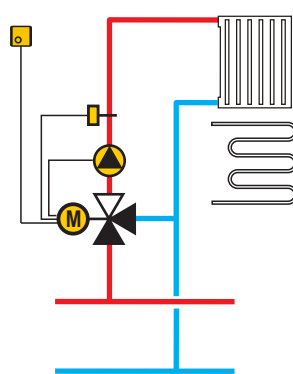
Application AHC12



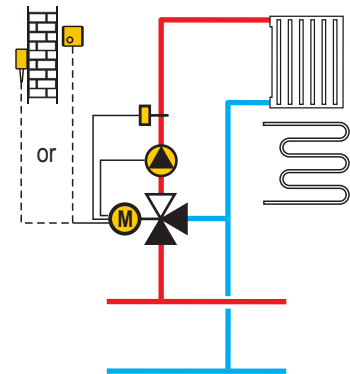
Application AHC20



Application AHC21



Application AHC22



Dimensions

