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SERIES VTC500



NO.1 IN HYDRONIC SYSTEM CONTROL

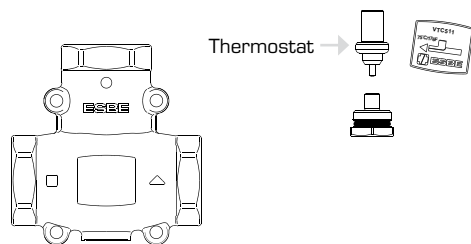
Mtrl.Nr: 9814 03 60 • Ritn.nr: 9178 utgp.A • Rev. 0908

Application

	Valve Location	Suitable Thermostats
Boiler Protection	Boiler Outlet Line	158°F (70°C) 176°F (80°C)
	Boiler Return Line	122°F (50°C) 131°F (55°C) 140°F (60°C)
Charging of Storage Tank	Tank Feed Line	158°F (70°C) 176°F (80°C)
	Tank Return Line	All

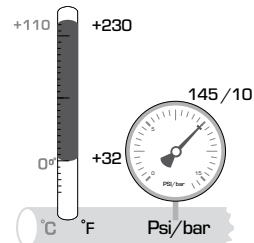
Thermostat ordered separately

Code No.	Opening Temperature
193B1702	122°F (50°C)
193B1703	131°F (55°C)
193B1704	140°F (60°C)
193B1709	149°F (65°C)
193B1705	158°F (70°C)
193B1706	167°F (75°C)



Series VTC511

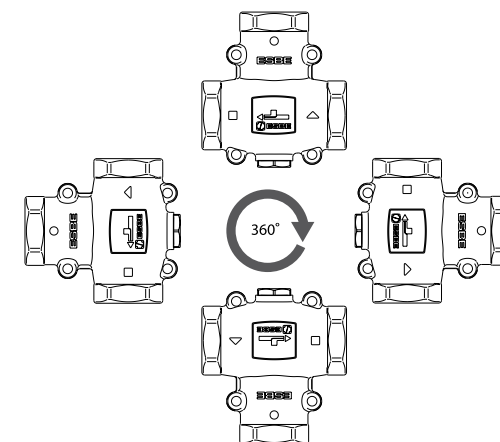
CE
PED 97/23/EC



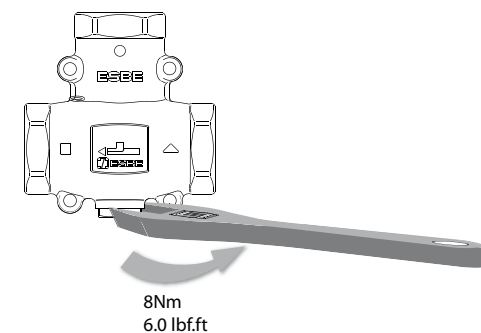
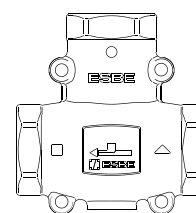
Max system pressure =
145psi (10 bar)

Max differential pressure between ports ○ and □, △ and □ =
14.5 psi (1 bar) across the valve to ensure tight close off.

Max differential pressure between ports ○ and △ =
4.35 psi (0.35 bar)



Thermostat Element Installation



Boiler Outlet Mounted

Typical for 158°F (70°C)/176°F (80°C) Thermostats

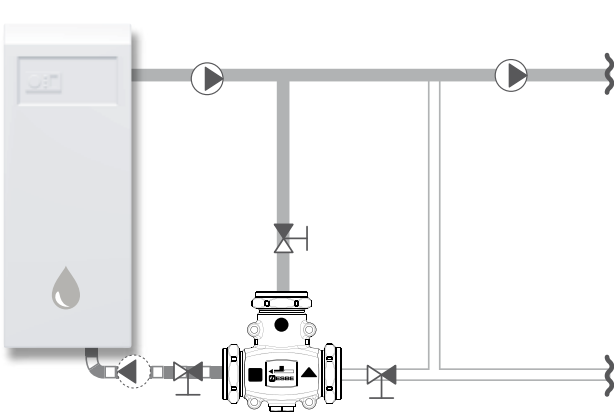


Boiler Return Mounted

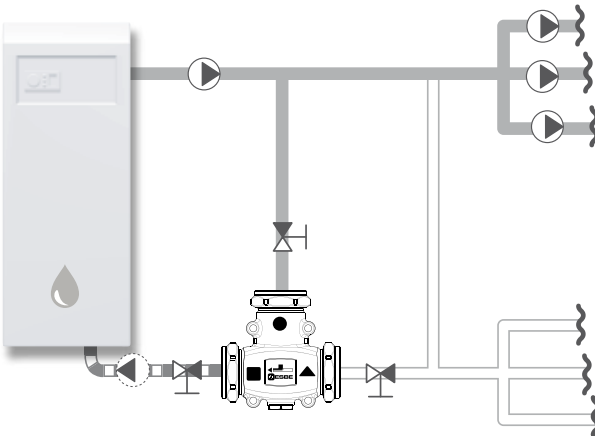
Typical for 122°F (50°C)/131°F (55°C) /140°F (60°C) Thermostats



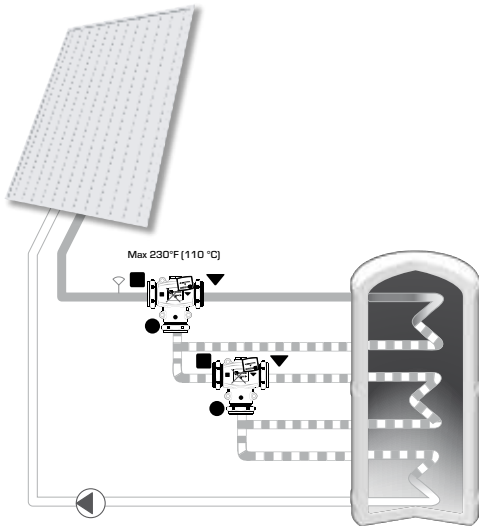
Gravity Conversion System or Hydronic Heating System



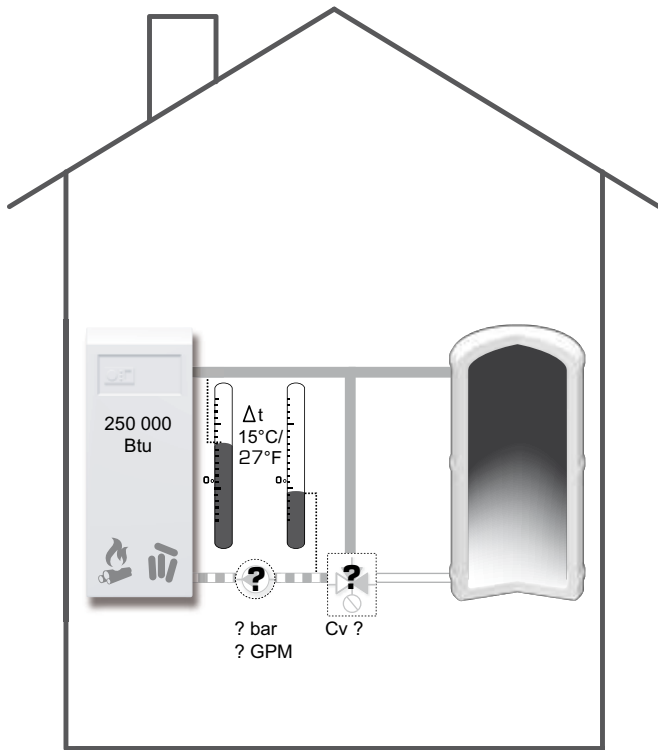
Gravity Conversion-, Multi-Zone-, or Hydronic Heating - System



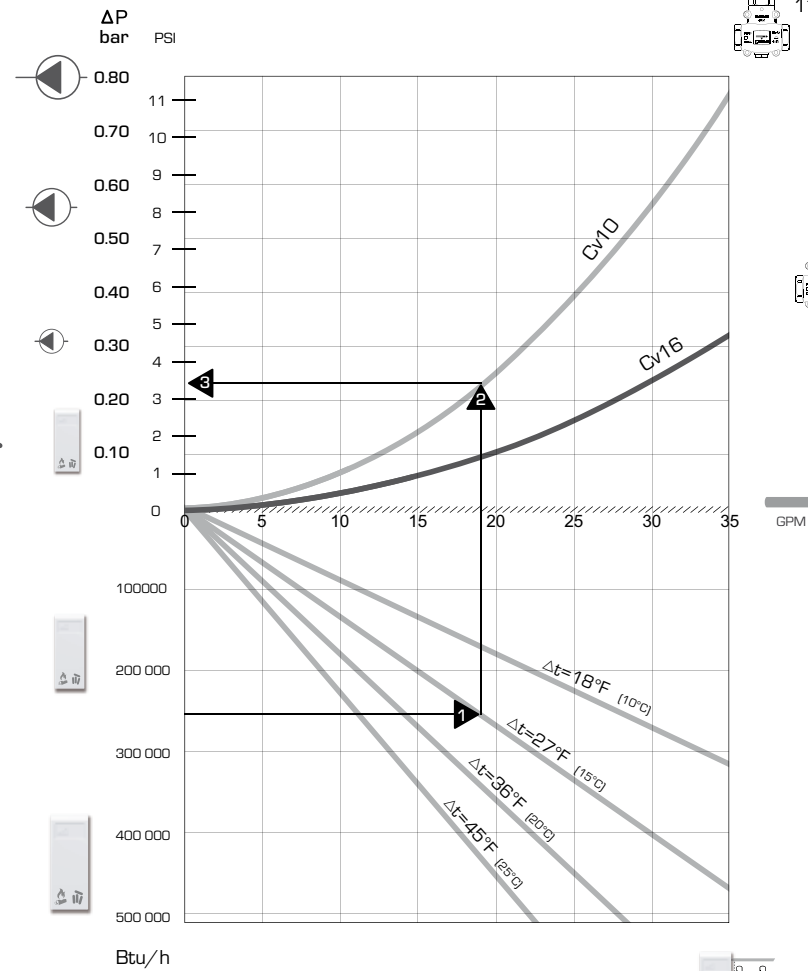
Solar Heating



1



2



3

