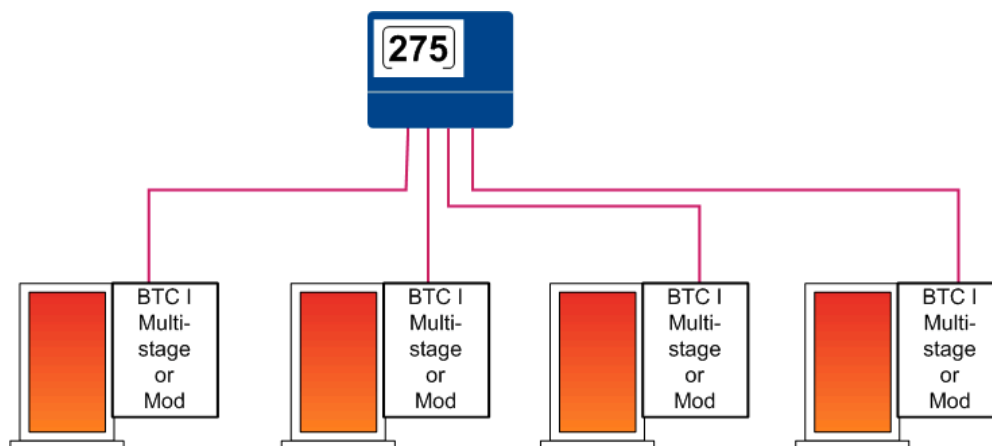


Boiler Control 275

Compatible BTC I Boilers

The Boiler Control 275 includes a BTC I feature that can sequence up to 4 boilers equipped with an integral BTC I control. Boilers that include the BTC I control may have multi-stage or modulating burners. Each boiler is connected to the 275 using two wires. The 275 also allows combinations of multi-stage boilers together with modulating boilers. In total, the 275 is able to control up to 16 stages.

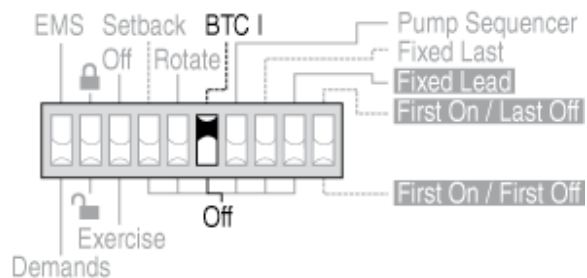
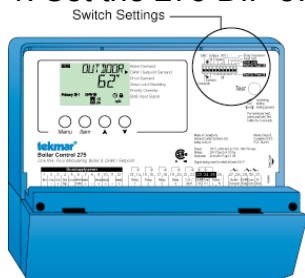


Boilers that include the BTC I feature include:

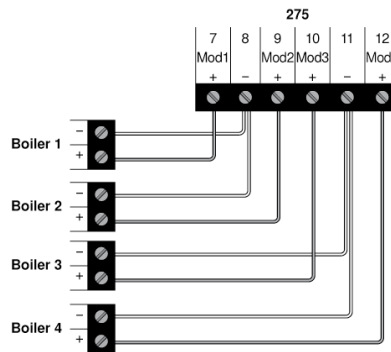
Manufacturer / Model	Fuel	Burner Type	BTC I Mode Setting
Camus Dynaflame	Gas	2 or 4-stage	6
Camus Dynaflame	Gas	Modulating	8
Camus Micoflame	Gas	Modulating	8
Camus DFX	Gas	Modulating	8
Camus Sureflame	Gas	2-stage	6
Camus Blueflame	Gas	2-stage	6
Camus Ceraflame	Gas	2-stage	6
DeDietrich Americas GT Series	Gas	2-stage	7
Peerless Pinnacle Oil with POC#2 control	Oil	1-stage	7
Peerless Pinnacle Oil with POC#3 control	Oil	2-stage	7
Raypak Hi-Delta with Temp Tracker	Gas	2 or 4-stage	8
Raypak MVB	Gas	Modulating	8
Raypak Raytherm with Temp Tracker	Gas	Modulating	8
Slant-Fin Monitron II	Electric	4-stage	8
Slant-Fin Eutectic	Oil	2-stage	7

Installation Steps:

1. Set the 275 DIP switch to BTC I.



2. Wire the Modulating Output to the BTC I equipped boiler's external input signal field wiring terminals.



3. In the Adjust menu, select the correct Boiler Mode setting.

- For modulating boilers, set Boiler Mode to Mod.
- For single stage boilers, set Boiler Mode to 1.
- For two-stage boilers, set Boiler Mode to 2.
- For three-stage boilers, set Boiler Mode to 3.
- For four-stage boilers, set Boiler Mode to 4.



Repeat this step for each BTC I equipped boiler.

4. Set the BTC I control mounted inside each boiler to the Mode setting listed on page 1 in order to select Direct Drive operation.

Sincerely yours,

Jay Vath
tekmar Control Systems Ltd.