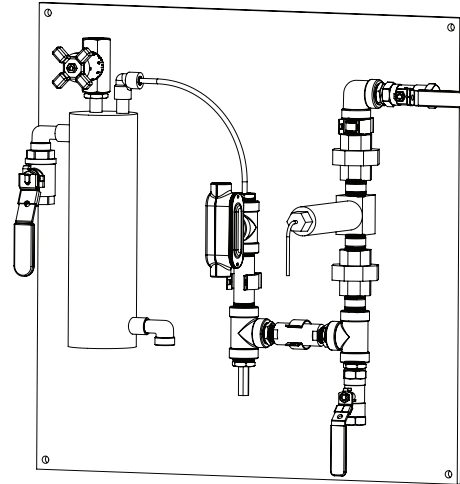


BTP Boiler Trace Sensor Panel

Panels includes the following items mounted on a ½" blue poly panel:

- LBC-SS sample cooler
- Pressure relief valve on cooled sample
- NFC-½ throttling valve on boiler water inlet
- Cold water inlet has no automatic valve, cold water will always run through sample cooler
- Non-electric sample temperature shut-off valve
PVC plumbing after the sample cooler is only rated to 100 psi at 120°F
- Desired controller and trace sensor to be ordered as separate line items



Model Numbering

BTP - - - -

Board

- 00 = Plumbing only, no panel
- 05 = Board with no space for controller (32"H x 26"W)
- 10 = Board with space for controller (32"H x 38"W)

Inlet Boiler Water Valve Shut-Off

- X = No inlet sample shut-off
- 30 = MBWB-½ motorized ball valve (450 psi max)
- 40 = MBV-050 motorized ball valve (325 psi max)
- 50 = SVB-050 solenoid (140 psi max)
- 55 = SVB-050 solenoid (140 psi max) on cooled sample outlet

Additional Probe Tees

- X = No cooled sample sensor tees
- 1 = One ¾" SS conductivity probe tee, mounted vertical
- 2 = Two ¾" PVC quick release probe tees, mounted horizontal
- 3 = Three ¾" PVC quick release probe tees
- 4 = Two ¾" SS tees
- 5 = Three ¾" SS tees
- 6 = One ¾" PVC quick release

Options

- A = Isolation valve on cold water inlet to sample cooler
- C = Cold water solenoid valve SO-½-P in inlet to sample cooler
- D = No sample cooler
- F = Low flow paddle switch in ¾" PVC tee
- N = No temperature control valve
- P = No pressure relief valve
- R = Mounting rails
- S = Indicates BTP is to be mounted on separately ordered BVS prefab
- T = LD2 trace sensor tee only plugged (not needed if sensor is on order)
- T1 = Pyxis trace sensor tee only plugged (not needed if sensor is on order)
- T2 = ¼" SS tubing between sample tee and outlet valve
- U = ¾" SS unions on both sides of trace sensor
- W = Free standing legs