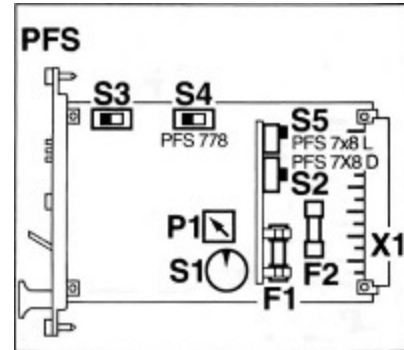




PFS-PFU Conversion

8-Digit Part Number (ex. 84603131):

Full description (ex. PFS 778TS-3/2):



Using the diagram above, and the list below, please mark the settings as found on your PFS card.
Once complete, print, scan and Fax or Email this form back to Combustion 911.

S1: Main Voltage Setting

- 1. 115: 110/120 VAC
- 2. 230: 220/240 VAC

S2: Air Valve Control Setting (PFS..L & PFS..D only)

- 1. The air valve opens together with V1 after heat demand – it can be activated externally if no heat is demanded.
- 2. The air valve can only be activated externally via connections 10a-12a, but is closed during start sequence.
- 3. The air valve opens together with V2 after heat demand – it can be activated externally if no heat is demanded.

S3: Selection of Operation in Case of Flame Failure

- 1. Restart – recommended for single- or two- step controlled burners with occasional flame instability. Do not use with:
 - 1. Slow-closing air valves and continuous control, if the burner is not allowed to start with max. capacity,
 - 2. On/off pulse operated burners.
- 2. Immediate fault lock-out < 2s.

S4: Selection of operation on burner start-up with PFS 778

- 1. Main gas valve opens after trial for ignition period t_{SA} .
- 2. Main gas valve opens after flame-proving period $t_{FS} = 5$ s.

S5: Air Valve Control Setting (PFS..L & PFS..D only)

- 1. The air valve is always controllable.
- 2. The air valve is closed between heat demand and operation signal. It cannot be controlled during this time.