

## ProBlue® Pneumatic Panel Assembly Service Kit - P/N 1028307, 1058380, 1058383, or 1058385

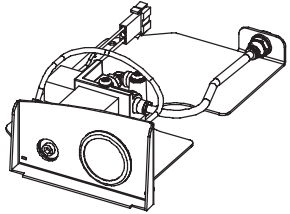
Issued 02/05

This instruction sheet describes the procedure for replacing the pneumatic panel assembly in a ProBlue™ P4, 7, 10, 15, 30, or P50 adhesive melter.

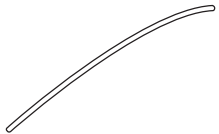
**WARNING:** Risk of personal injury or equipment damage! Refer to the safety information provided in the melter manual before servicing the melter. Failure to comply with the safety information provided can result in personal injury, including death.

### Required Tools:

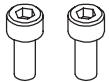
Phillips-head screwdriver  
4-mm hex wrench  
Small adjustable wrench



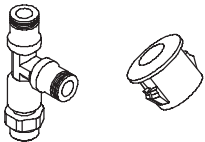
Pneumatic panel assembly  
(Double-acting assembly shown)



PDV-to-Pump tubing, 6mm  
(Spare)



Spare M5 screws  
(For P4/7/P10)



Spare Tee (6 mm tube) and bulk-head plug  
(For double-acting pumps)



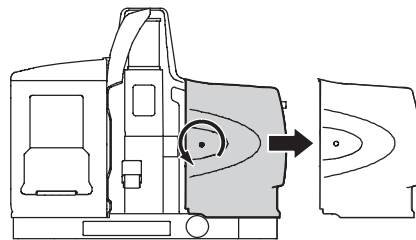
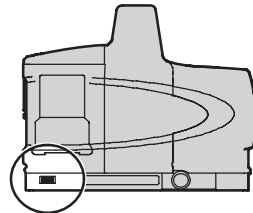
Spare terminal block  
(Single-acting pumps)

### P4, P7, or P10 Melter (P15/30/50 on other side)

**1.** Disconnect the melter from the plant air supply.

**2.** Switch the melter off.

**3.** Remove the front panel.

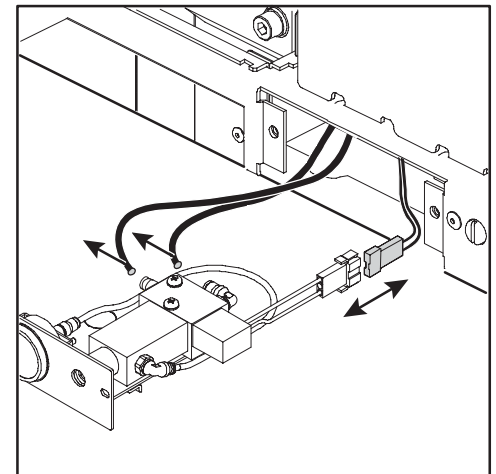
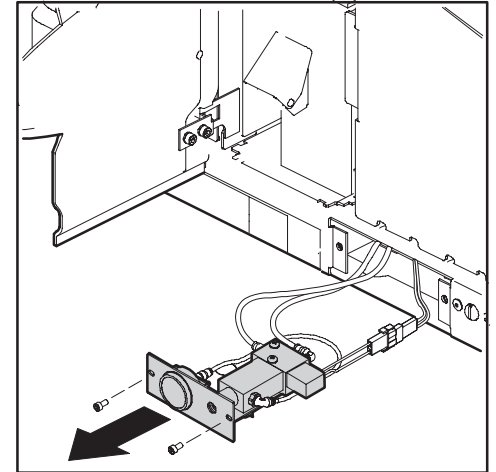


**4.** Remove the two M5 screws that secure the pneumatic assembly, and then carefully remove the assembly from the chassis.

**5.** Disconnect the two 6-mm air lines and the electrical quick-disconnect from the pneumatic assembly, and then reconnect them to the new assembly.

**6.** Reverse steps 1 through 4 to place the melter back into operation.

**7.** Adjust the operating air pressure.

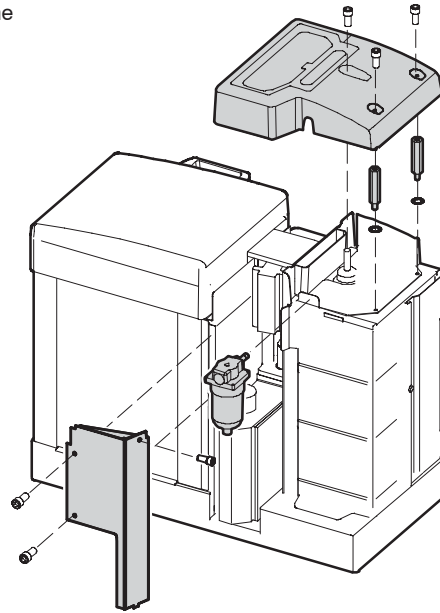


## ***P15, 30, or P50 Melter***

**1.** Switch the melter off and lock out power to the melter at the local power disconnect switch.

**2.** Remove the air filter and the pump cover. Remove the rear panel if you intend on inspecting or replacing the pneumatic tubing.

**3.** Remove the two hex stand-offs that secure the pneumatic assembly to the top of the melter.

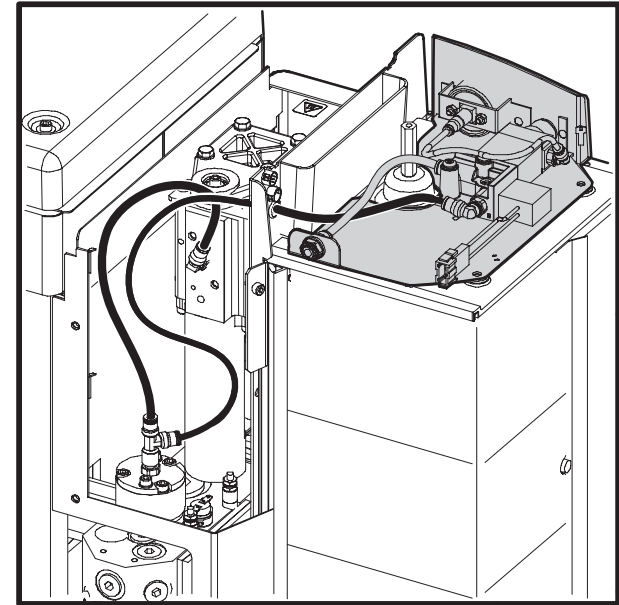


**4.** Disconnect the tubing that runs from the pump/PDV to the back of the pneumatic assembly. Remove and discard the old pneumatic assembly.

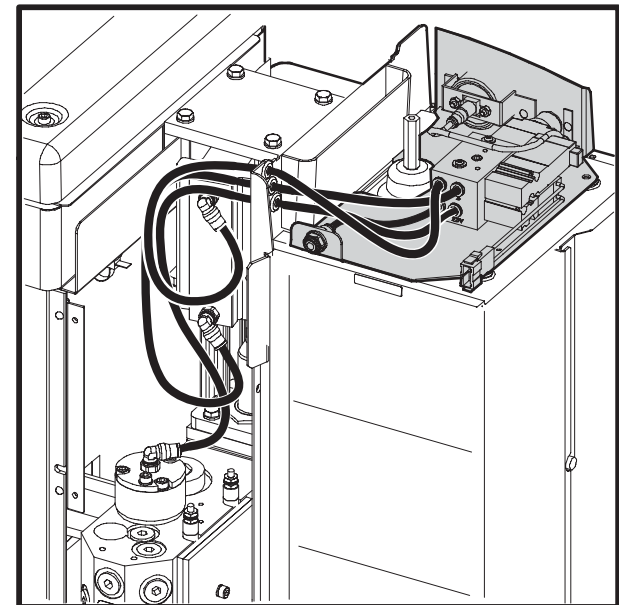
**5.** Install the new pneumatic assembly and secure it using the two hex stand-offs (and lock washers).

**6.** Reconnect the tubing to the back of the pneumatic assembly. Figures 1 and 2 illustrate the pneumatic connections for a double-acting and a single-acting pump.

**7.** Replace the pump cover, rear cover, and the air filter, and then restore power to the melter. Adjust the operating air pressure and place the melter back into operation.



*Figure 1 Double-acting pneumatic connections*



*Figure 2 Single-acting pneumatic connections*