OPERATING INSTRUCTIONS

1000 kPa Two-way Pneumatic Pressure Reducing Panel

26-1760

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Contents

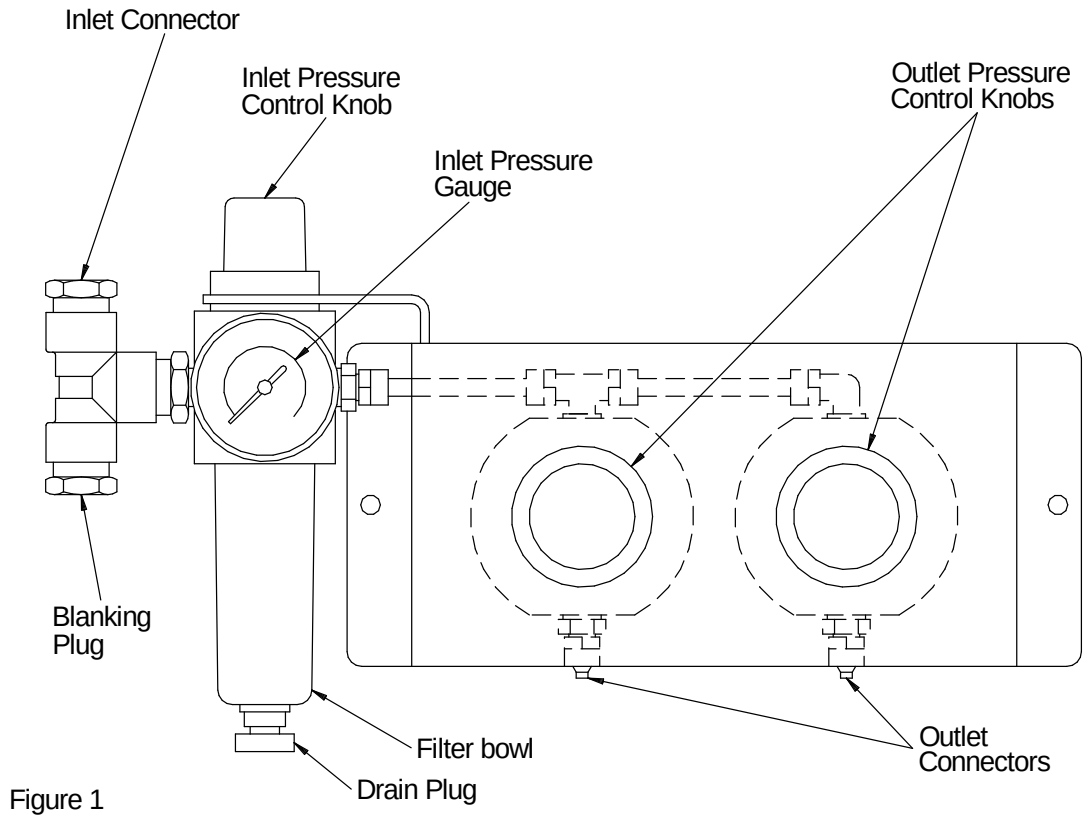

Figure 1

1 Introduction

1.1 The panel (Figure 1) comprises an inlet pressure control valve with pressure gauge, filter and water trap and two pressure reducing valves.

1.2 The unit allows maximum outlet pressures of 1000 kPa. The maximum input pressure should not exceed 1400 kPa.

1.3 The inlet connector accepts 26-1769 Nylon Tubing from the air compressor and the two outlet connectors accept 26-1926 Nylon Tubing for connecting to 26-1746 Bladder-type Air/Water Pressure Assemblies.

1.4 An additional outlet connector is provided for the connection of a second panel (using 26-1769 Nylon Tubing) to increase the total capacity of the system. This outlet is blanked off when not required.

2 Installation

2.1 Mount the panel with the transparent filter bowl downwards (using the two screws provided) on a vertical surface and in a convenient position relative to the other equipment with which it is to be used.

2.2 Connect the compressed air supply to the inlet tee connector using ½" outside diameter nylon tubing (26-1769). If it is required to run a second panel from the same supply remove the blanking plug from the other branch of the tee and replace with the fitting provided.

2.3 Connect the equipment requiring the supply of reduced pressure air to one or both of the reducing valve outlets using 6mm outside diameter x 4mm inside diameter nylon tubing (26-1926).

2.4 Before turning on the compressed air supply to the panel ensure that the inlet and both outlet pressure control knobs are closed ie turned fully anticlockwise. The inlet control knob may be in the locked position and must be pulled upwards before it can be rotated. The threaded spindles of the outlet control knobs are fitted with locknuts ensure these are loose and not preventing the rotation of the knobs.

Note: The system to which the regulated air is being supplied must be fully primed before applying the air pressure.

2.5 Turn on the air supply to the panel and open the inlet control knob by tuning it clockwise until the required pressure registers on the pressure gauge, this must be greater that the outlet pressure required but should not exceed 1400 kPa (203 lb/in²). The knob may be locked in position by pushing it down.

2.6 Open the outlet control knobs by turning them clockwise until the desired pressures register on the relevant pressure gauges, the reducing valves allow pressures from 15 – 1000 kPa (2 – 145 lb/in²) to be set. The spindle locknuts may be tightened to prevent accidental movement of the control knobs.

3 Maintenance

3.1 Drain any accumulated water from the transparent filter bowl when required by unscrewing the plug at the bottom of the bowl a couple of turns, it is not necessary to remove the plug completely.