

# **B74G** Installation & Maintenance Instructions

Gauge

G....With

N....Without

Spring (Outlet Pressure Range)

...0,3 to 4 bar (5 to 60 psig)





Panel thickness: 2 to 6 mm (0.06" to 0.25")

### CLEANING

- 1. Clean plastic bowl (25, 42) with warm water only. Clean other parts with warm water and soap.
- 2. Rinse and dry parts. Blow out internal passages in body (16) with clean, dry compressed air. Blow air through filter element (52) from inside to outside to remove surface contaminants.
- 3. Inspect parts. Replace those found to be damaged. Replace plastic bowl with a metal bowl if plastic bowl shows signs of cracking or cloudiness.



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## ASSEMBLY

- 1. Lubricate the following items with o-ring grease.
- 4 (Thrust washer) outer circumference and both sides. 5, 7 (Adjusting screw) - threads and tip.
- 28 (Manual drain body) the portion of the body that contacts the bowl, and the hole that accommodates the stem of drain valve (19, 29).
- 56 (Valve) stem.
- 26, 38, 43, 49, 54, 57 (O-rings)
- Assemble the unit as shown on the exploded view. Push bowl, or bowl with guard, into body and turn fully clockwise.
- 3. Torque Table

| Item             | Torque in Nm (Inch-Pounds) |
|------------------|----------------------------|
| 2, 10 (Screw)    | 2,3 to 3,9 (20 to 35)      |
| 22, 32 (Nut)     | 2,3 to 2,8 (20 to 25)      |
| 34, 45 (Screw)   | 1,7 to 2,3 (15 to 20)      |
| 53 (Center-post) | 2,0 to 2,7 (18 to 24)      |
|                  |                            |

## CAUTION

Water vapor will pass through these units and could condense into liquid form downstream as air temperature drops. Install an air dryer if water condensation could have a detrimental effect on the application.

#### WARNING

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under **Technical Data**.

Polycarbonate plastic bowls can be damaged and possibly burst if exposed to such substances as certain solvents, strong alkalies, compressor oils containing esterbased additives or synthetic oils. Fumes of these substances in contact with the polycarbonate bowl, externally or internally, can also result in damage. Clean with warm water only.

Use metal bowl in applications where a plastic bowl might be exposed to substances that are incompatible with polycarbonate.

If outlet pressure in excess of the filter/regulator pressure setting could cause downstream equipment to rupture or malfunction, install a pressure relief device downstream of the filter/regulator. The relief pressure and flow capacity of the relief device must satisfy system requirements.

The accuracy of the indication of pressure gauges can change, both during shipment (despite care in packaging) and during the service life. If a pressure gauge is to be used with these products and if inaccurate indications may be hazardous to personnel or property, the gauge should be calibrated before initial installation and at regular intervals during use.

Before using these products with fluids other than air, for non industrial applications, or for life-support systems consult Norgren.



**Installation & Maintenance**