







NOTE

With non-relieving filter/regulators, make

pressure reductions with some air flow in the system. If made under no flow (dead-end)

conditions, the filter/regulator will trap the over-pressure in the downstream line.

- 4. Knob Adjustment. Push knob toward body to lock pressure setting. Pull knob away from body to release. Install tamper resistant cover and wire (see Replacement Items) to make setting tamper resistant.
- 5. T-bar Adjustment. Tighten lock nut (8) lock pressure setting.

SERVICING

- 1. Open manual drain to expel accumulated liquids. Keep liquids below baffle (53).
- 2. Clean or replace filter element when dirty. DIASSEMBLY
- 1. Shut off inlet pressure. Reduce pressure in inlet and outlet lines to zero.
- 2. Turn adjustment (1 or 7) fully counterclock wise.
- 3. Unscrew clamp ring and remove unit from yoke.
- 4. Disassemble in general accordance with the item numbers on exploded view. Do not remove the drains unless replacement is necessary. Remove and replace only if they malfunction.

CLEANING

- 1. Clean parts with warm water and soap.
- 2. Rinse and dry parts. Blow out internal passages in body with clean, dry compressed air. Blow air through filter element (55) from inside to outside to remove surface contaminants
- 3. Inspect parts. Replace those found to be damaged. ASSEMBLY
- 1. Lubricate o-rings, the portion manual drain body (43) that contacts the bowl, and the hole in the manual drain body that accommodates the stem of drain valve (41) with o-ring grease.
- 2. Lubricate valve stem (62), adjusting screw threads and tip (3, 7) and the recess of spring rest (10) with a light coat of good quality o-ring grease.
- 3. Lubricate bonnet threads (2, 9) with a small amount of anti-seize compound.
- 4. Assemble the unit as shown on the exploded view. 5. Assemble the liquid indicator parts (19 thru 26, 30 thru 37) to reservoir. Apply a 0.9 to 1.8 kg (2 to 4 pound) clamping force to upper and lower sight glass brackets (20, 31).

Tighten screws (19, 30). able

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Item	Torque in Nm	(Inch-Pounds)
2, 9 (Bonnet)	62 68	(550 600)
16 (Pipe plug)	3,3 5,5	(29 49)
19, 30 (Screw)	1,8 2,3	(16 20)
45, 50 (Nut)	0,8 1,2	(7 10)
53 (Baffle)	1,1 1,4	10 12)

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 ester-based 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.

Use in potentially explosive atmospheres

Code of device according EC directive 2014/34/EU



• Only non-flammable gasese to be used as a medium.

· Surface temperature dependant on process fluid temperature and ambient temperature - must be below the ignition temperature of the flammable gas or dust.

· Earth unit and/or pipework to avoid

electrostatic discharge. • Precautions should be taken to prevent hazard from adiabatic compression.

- · Use wet cloth for cleaning.
- Protect the unit from object falling onto it.
- · Avoid contact with corrosive environment.
- · For servicing the unit it is recommended to carry out
- this work outside of the danger zone.

· For details of ignition hazard assessment contact Norgren.



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