

DISASSEMBLY

1. Shut off inlet pressure. Reduce pressure in inlet and outlet lines to zero. Turn adjustment (1 or 7) fully counterclockwise.
2. For ease of maintenance the unit can be removed from the yoke by unscrewing the clamp ring, which will jack the unit out downwards.
3. To disassemble the filter section lift and turn the filter bowl counterclockwise and remove with bowl o-ring.
4. Disassemble in general accordance with the item numbers on exploded view. Do not remove the drains or the service indicator unless replacement is necessary. Remove and replace only if they malfunction.
5. To disassemble the regulator section turn the adjuster (1 or 7) counter-clockwise to relieve compression on the adjusting spring (12). Unscrew the bonnet assembly (3 or 9) using the spanner flats provided. Remove the adjusting spring (12), slip ring (13) and diaphragm (14).
 Inspect all components for damage, foreign matter and cleanliness and reassemble using service replacement parts where necessary.

CLEANING

1. Partial cleaning of the filter element is possible by washing the element in soapy water and blowing out thoroughly with compressed air. Replacement by a clean element is recommended. Clean plastic bowl and lens (45) with warm water only. Clean other parts with warm water and soap.
2. Rinse and dry parts. Blow out internal passages in body with clean, dry compressed air.
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.

ASSEMBLY

1. Lubricate o-rings with o-ring grease.
2. Check valve for free movement in the valve guide.
3. Assemble the unit as shown on the exploded view.
4. Torque Table
 Torque in

Item	Nm	(Inch-Pounds)
3, 9 (Bonnet)	25 ... 30	(227 to 273)
55 (Valve guide)	2 ... 2,7 max	(18 to 25)
5. Assemble baffle (53), contact + 1/4 turn.
6. Turn bowl or bowl with guard fully clockwise into body.

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 alkalis, 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.

