Nano S SEP 1800 ST Oil Water Separator

SEP1800ST



Description

The Ultramax Systems SEP1800ST oil water separator treats compressor condensate on systems up to 1,800 scfm (3,058 Nm³/hr). Incoming condensate enters a primary filter that depressurises it and captures bulk oil and solids, then a main filter polishes it for discharge to the foul sewer, with outlet quality as low as 5 ppm. The media needs no pre-soaking, and the quick-release lid gives tool-free access from the top. Expected media life is 4,000 hours (7 months), with media replaced using the SEP-SK1800 kit in under 15 minutes.

Features

- Single-piece moulded body, zero leak tested
- Four 1/2" inlet ports for multiple drain points, expandable to eight
- Quick-release lid, no special tools required
- Sample port for outlet quality checks
- No settling tank, funnels or oil collection container
- 100% recycled and recyclable filtration media

Applications

- Treating condensate from oil-flooded compressors on mineral or synthetic lubricants
- Condensate from drip leg drains, receiver tanks, dryers and filter housings
- Compressor houses and plant rooms discharging treated condensate to the foul sewer

Specifications

Ultramax Product Code	SEP1800ST
Max Capacity	1,800 scfm (3,058 Nm³/hr)
Inlet Connections	4 x 1/2" (expandable to 8)
Outlet Connection	1 x 3/4"
Expected Media Life	4,000 hrs (7 months)
Media Replacement Kit	SEP-SK1800
Condensate Inlet Limits	232 psig max, 1.0 to 40 °C
Max Oil Carry-over	< 20 ppmv at end of media life
Dimensions H x W x D (mm)	988 x 988 x 521
Approx. Weight (kg)	31.3

Sizing assumes an oil-flooded compressor on mineral or synthetic lubricant with oil carry-over of 5 mg/m³ or less. Not recommended for PAG (polyglycol) lubricants. Where used, de-rate flow capacity by 50%.

Feed the separator from automatic drains only. Air from a manually opened drain valve floods the unit and stops the separation process. It is the user's responsibility to verify discharge allowances in their region.