

The image is a composite of three photographs showing the Oilgear Reservoir Breather. The top photo is a close-up of a single unit, featuring a black dome-shaped top, a blue cylindrical body with the 'Oilgear' logo, and a grey base with a pressure gauge. The middle photo shows two units installed on a piece of machinery, highlighting their compact design. The bottom photo shows three units mounted on a large blue industrial tank, demonstrating their application in a real-world setting.

OILGEAR™

RESERVOIR BREATHER WITH OIL MIST SEPARATION

*Unique Combination of a Filter with
Oil Separation - Keeps Dirt Out and
Oil Mist In*

Designed For High Flow Applications

*Visual or Electric Service Indicator
Options Available*

OIL MIST SEPARATION BREATHER - OVERVIEW

HOW IT WORKS

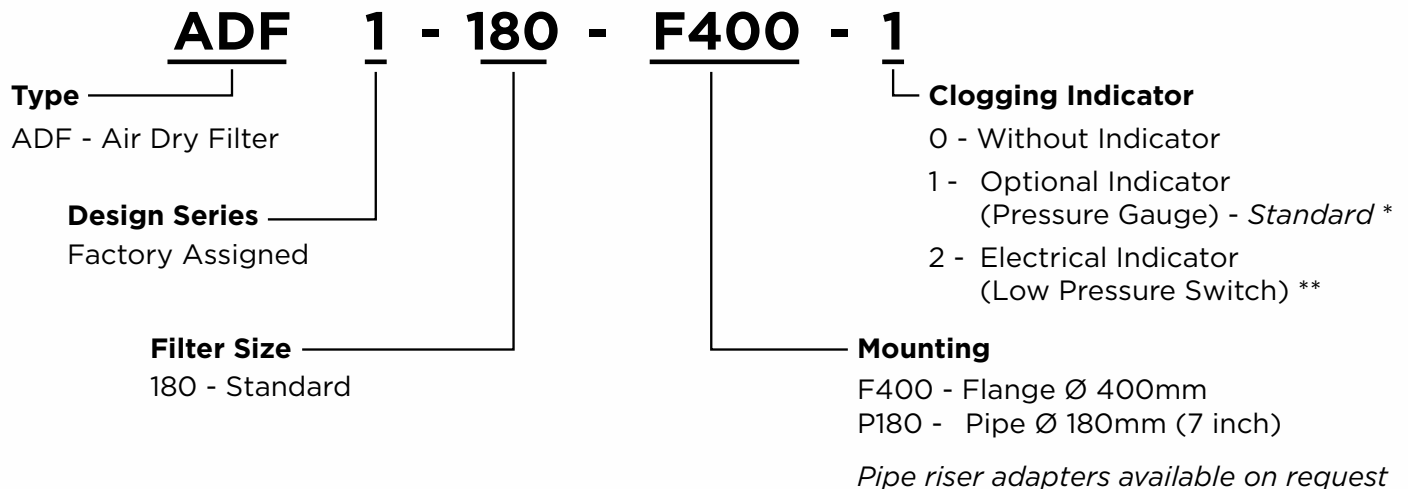
The Air-Oil mixture (Aerosol) is guided through the oil separation box where drops of liquid will be separated from the air. Due to gravity and special design of the box the separated oil will flow back into the tank.

Breather separates oil mist from the air when the tank and prefill are in “exhaust mode,” keeping oil in the tank and out of the air in the plant.

BENEFITS

- Keeps the oil aerosol/mist in the tank and the air clean
- Long lasting elements
- Field retrofittable on an existing tank breather system
- Durable, robust design
- Extends service interval
- Easy to service filter element

HOW TO ORDER



*Optical Indicator -1.0 [-14.5 PSI] to 0.6 bar [8.7 PSI] (recommended filter change @ -0.2 bar [-2.9 PSI])

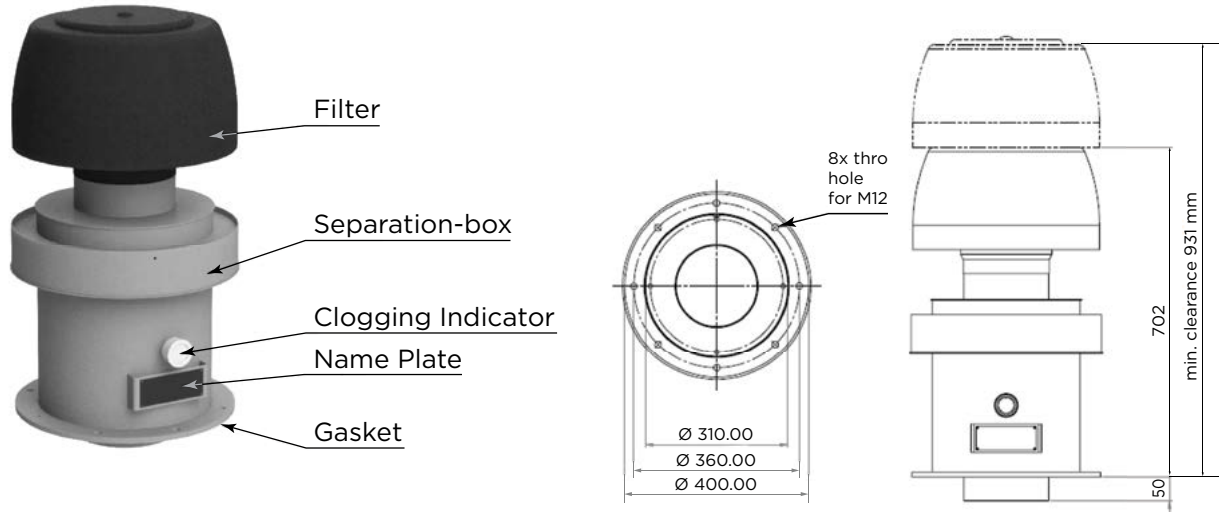
**Electrical indicator - switching point @ -0.2 bar [-2.9 PSI]

Spare Accessories

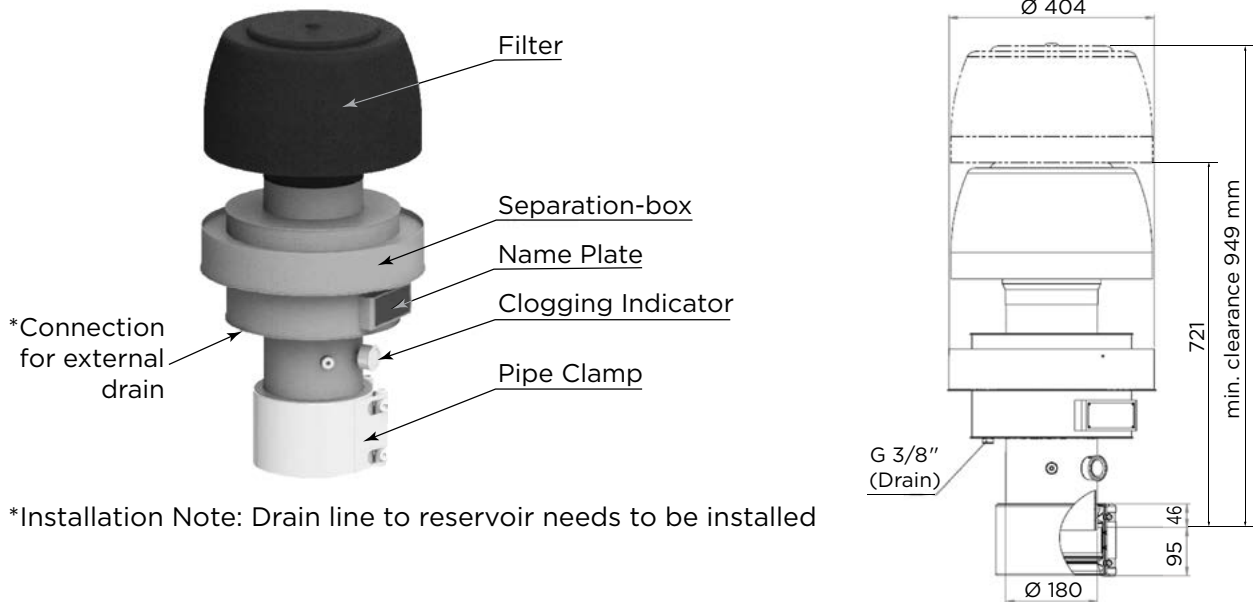
CODE	DESCRIPTION
SADF1-FE-180	Filter Replacement

OIL MIST SEPARATION BREATHER - DIMENSIONS

FLANGE MOUNT



PIPE MOUNT



*Installation Note: Drain line to reservoir needs to be installed

RECOMMENDED FLOW	Optimum oil separation @ 13000 L/min [459 ft ³ /min]
MAX. FLOW OF FILTER ELEMENT	Approx. 28000 L/min @ 0.01 bar ΔP [989 ft ³ /min @ 0.15 PSI ΔP]
TEMPERATURE RANGE	-30°C to +80°C [-22°F to +176°F]
COMPATIBILITY WITH HYDRAULIC FLUIDS	Standard mineral oil - alternatives on request



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