



Certificate No. FM163

ISO 9001



International Symbol

Spirax-Monnier SMS Compressed Air Separator

The Spirax Monnier Separator provides excellent separation of oil, water and dirt from compressed air.

Types: SMS

Sizes: 3/4" and 1"

Connections: Screwed BSP (BS21-Rp)

- High level of separation
- All welded construction
- Very robust unit
- Effective over large air flow range
- Low pressure drop
- Ideal for portable compressor use, or any heavily contaminated air system
- Can accept a choice of drain traps
- All connections have same thread

Operating limits

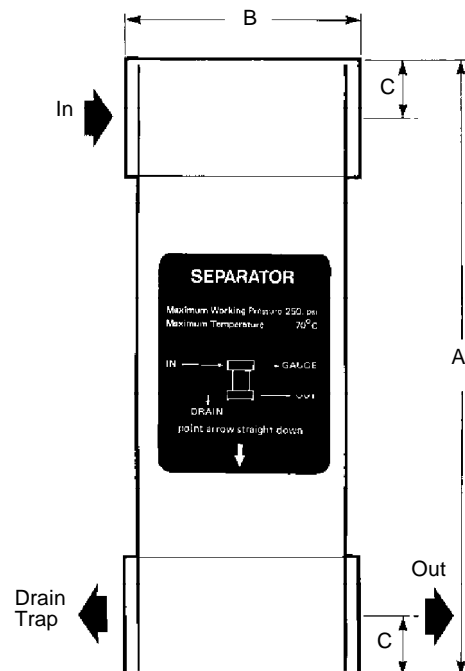
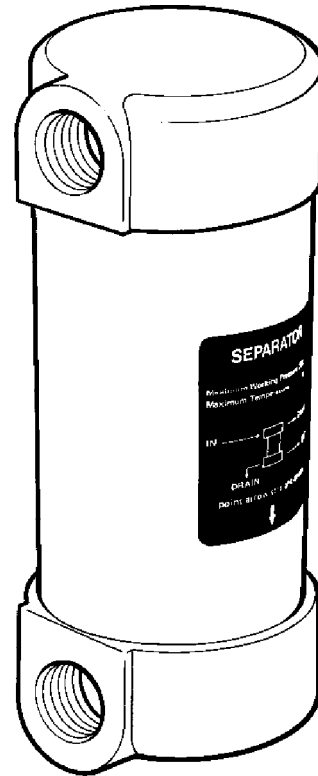
Maximum working pressure 17 bar
Maximum temperature 70°C

Materials

No	Part	Material
1	Body	Aluminium

Dimensions (approximately) in millimetres

A	B	C	Weight
275	96	26	1.86 kg



How to fit

Install with the air flow in the direction of the arrow and the bowl vertically downwards.

How does it work

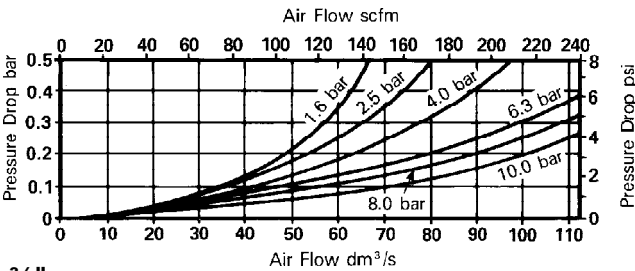
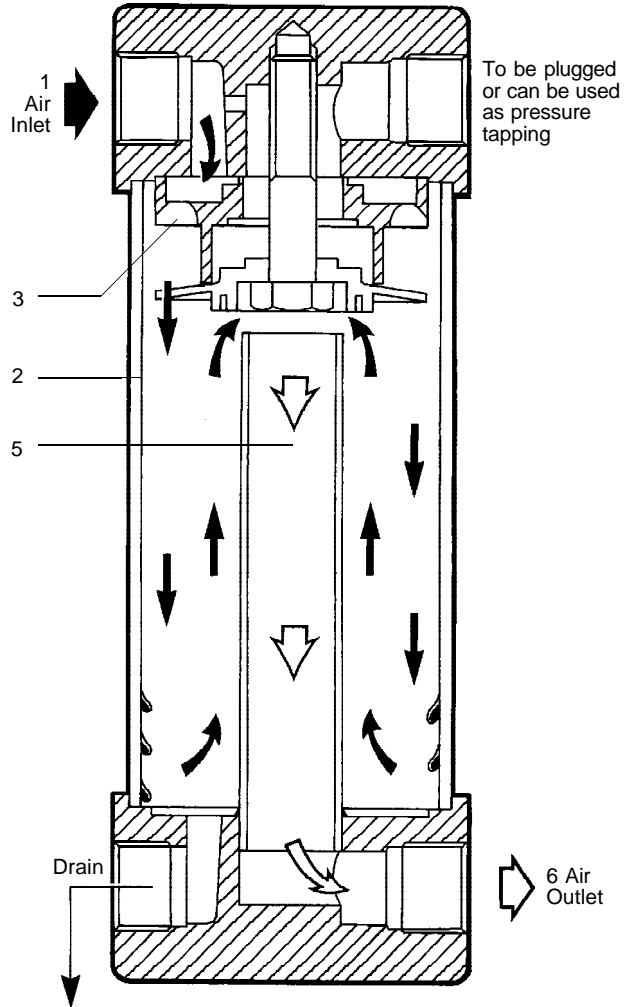
Contaminated air (1) is directed onto the inside of the bowl (2) by the special whirl disc (3). The separated liquid (water and oil) and solids pass to the sump area, for automatic discharge via a trap. The clean air then passes down the discharge pipe (5) into the system (6).

Automatic drainage

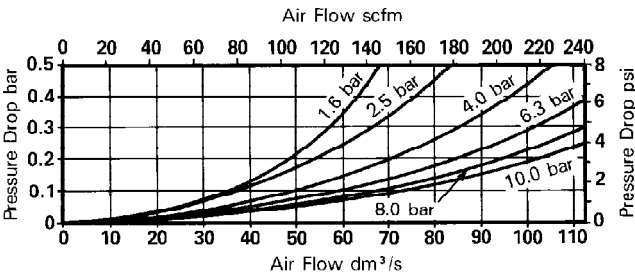
The Spirax-Monnier separator can be automatically drained by a variety of drain traps. The choice of trap will depend upon the type of system to which the separator is fitted, the limiting conditions and the contamination found in the condensate. Traps can be connected directly to the separator drain port, or at the end of discharge pipework.

Trap Options

Float: Spirax Sarco 1/2" or 3/4" CA14	See TI-P144-01 (TIS 7.317)
Float: Spirax Monnier 1/2" Dri-line	See TI-P050-18 (TIS 7.300)
Disc: Spirax Sarco 1/2" Airodyn	See TI-P016-02 (TIS 7.303)
Electronic: EDT1 3/8"	See TI-P509-01 (TIS 7.605)
	See TI-P509-02 (TIS 7.606)



3/4"



1"