

rotork®

MIDLAND

3525 Series Air Service Units

A 316L stainless steel combined unit for filtration and regulation of compressed air and gases.

Features and Benefits

- Designed for harsh environments
- Self relieving
- 1/4" NPT ported filter regulator
- 550 l/min (9.17 dm³/s) flow capacity at 1 bar differential
- 0.5 to 8 bar outlet pressure range
- 20 bar maximum inlet pressure
- Full 316L stainless steel construction
- FKM seals
- Manual drain
- 25 µm filter
- Mounting bracket included as standard

Characteristics

- Ambient temperature range
-20 to +80 °C (-4 to +176 °F)

Port & Connections

- Port: 1/4" NPT
- Gauge/breather: 1/8" NPT
1/4" NPT optional, add suffix 'X'
Refer to table

Filter

- 25 µm nominal
- Condensate bowl capacity: 5cc

Flow

At 10 bar (145 psi) supply pressure,
6.3 bar (91.35 psi) secondary pressure,
1 bar (14.5 psi) pressure drop:

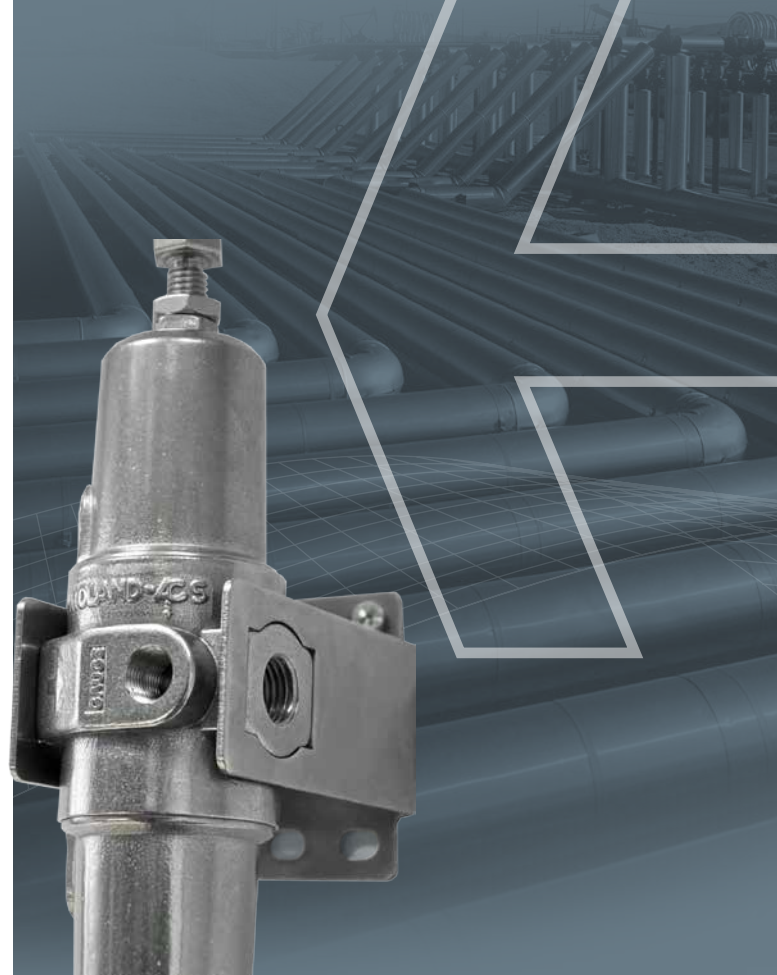
- 550 l/min (19.42 SCFM)

Operating Media

- Instrument air, sweet natural gas, inert gases

Accessories Available

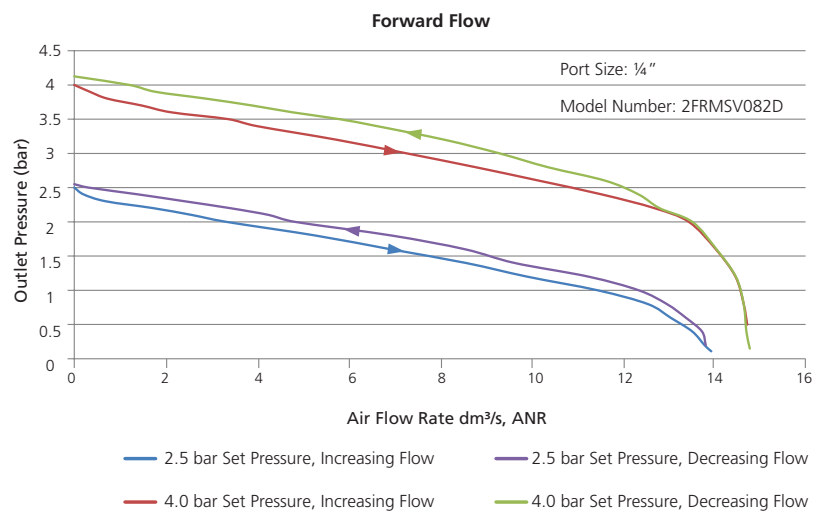
- Stud mounting kit
- 0-11 bar pressure gauge



3525 Series Air Service Units

1/4" Compact Filter Regulator

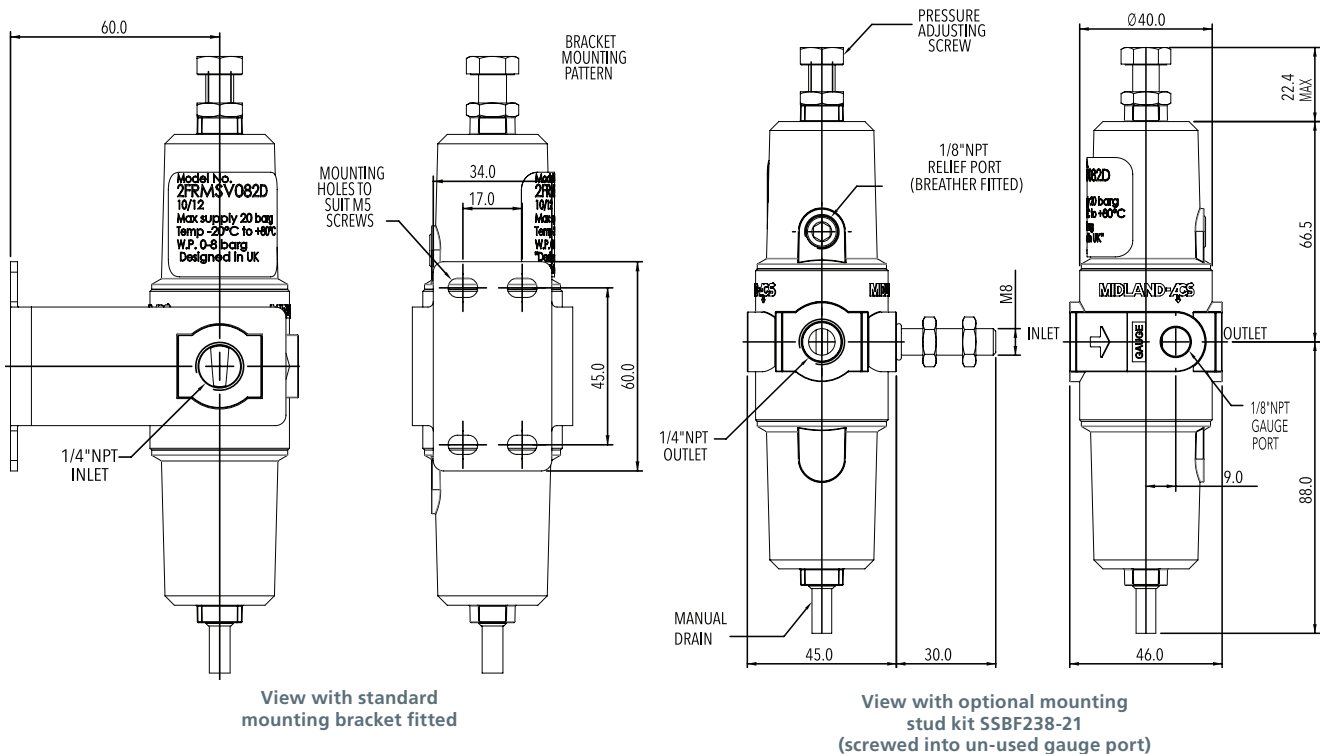
Flow Characteristics (in accordance with BS6953 parts 1 & 2)



Redefining Flow Control

3525 Series Air Service Units

1/4" Compact Filter Regulator



View with standard mounting bracket fitted

View with optional mounting stud kit SSBF238-21 (screwed into un-used gauge port)

Ordering Information

Product Code	Size	Gauge Port Size	Regulated Pressure	Inlet Pressure (max)	Weight	CV
2FRMSV082D	1/4" NPT	1/8" NPT	0.5 to 8.0 bar (7.2 to 116 psi)	20 bar	0.675 kg	0.48
2FRMSV082DX	1/4" NPT (gauge port option)	1/4" NPT	0.5 to 8.0 bar (7.2 to 116 psi)	20 bar	0.675 kg	0.48

Accessories Ordering Information

Product Code	Item
SSBF238-21	Stud mounting kit
SSF153N/11GLY	0-11 bar pressure gauge

Specification and engineering drawings for accessories available on request.

Note: Where 1/4" NPT gauge ports are required a 1/8" NPT to 1/4" NPT fitting will be provided. Price on application.

A full listing of the Rotork sales and service network is available on our website.

www.rotork.com

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