

EXPTEL POINT OF USE LIQUID WATER, OIL & PARTICULATE COMPRESSED AIR FILTER



A unique patent protected product designed to revolutionise compressed air filtration

- Expel removes 99.9999% of all liquids (water & oils)
- Expel removes all particulates down to 1 micron – 99.9999%
- Patents pending
- Cleanable reusable filter
- No power source required
- 2 years manufacturer's warranty
- Easy to fit / install
- Pressure indicator fitted as standard
- Option to fit pressure gauge
- Stainless Steel (304) body construction
- Multiple drain options
- Tested to ISO 12500 standards

expel®

TECHNICAL DATA

OPERATIONAL SPECIFICATION

Effective flow range for a 6 bar(g) system @ $\Delta P = 1$ Bar

Size 2	2.8 - 450 NI/min
Size 10	129 - 2000 NI/min
Size 30	163 - 6900 NI/min

Operating pressure	1 - 15 bar(g)
	15 - 217 psi(g)

Operating temperature	0 to +80 °C
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Maximum recommended inlet temperature	35 °C
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MECHANICAL SPECIFICATION

Inlet/Outlet connection (female)

Size 2 & 10	1/4" BSPT
Size 30	3/4" BSPT

Drain Connection	1/2" BSPP (male)
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Weight

Size 2	0.345 kg
Size 10 & 30	2.08 kg

Particulate removal	1 micron
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Material (housing)	Stainless Steel 304
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Material (internal)	ABS
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FILTER ORDERING CODES

FILTER ONLY

EXPEL-02
EXPEL-10
EXPEL-30

WITH MAGNETIC AUTO DRAIN*

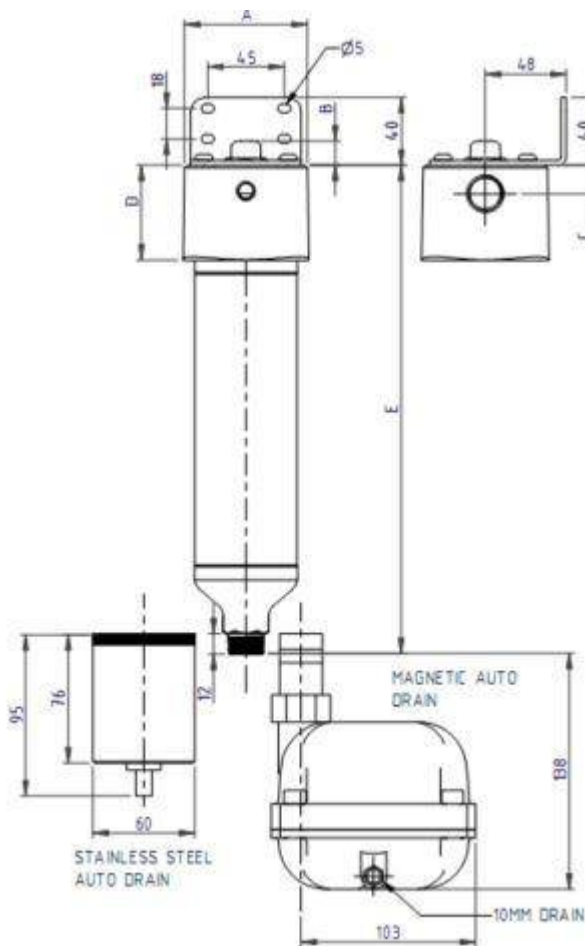
EXPEL-02-AD
EXPEL-10-AD
EXPEL-30-AD

*CAST ALLOY BODY

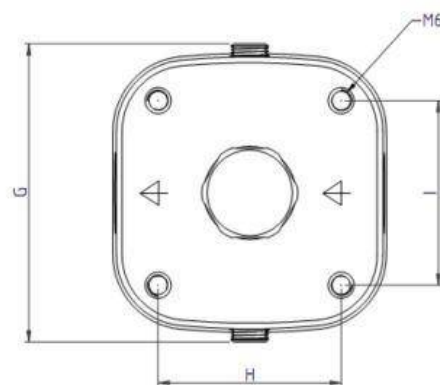
WITH STAINLESS AUTO DRAIN

EXPEL-02-AD-SS
EXPEL-10-AD-SS
EXPEL-30-AD-SS

FILTER DIMENSIONS WITH AUTO DRAINS



DIMENSIONS TOP MOUNTING



SIZE / DIMENSION	02	10	30
A	34.5mm	72mm	72mm
B	N/A	14mm	14mm
C	9mm	17mm	17mm
D	30mm	56mm	56mm
E	150mm	293mm	293mm
F	25mm	60mm	60mm
G	35mm	80mm	80mm
H	25mm	49.5mm	49.5mm
I	25mm	49.5mm	49.5mm

*Not to scale