

PRESENTATION

- 99% oil removal efficiencies
- 25 dBA noise reduction
- High exhaust flow rates
- low differential back pressures
- top performer in automated paint systems
- 1 µm filtration
- Manual or continuous drain option

UTILISATION

The Numatics Reclassifier is an exhaust coalescing filter/silencer. Its design removes oil mist and reduces noise from exhaust ports on pneumatic air valves, cylinders, and air control systems at extremely high flow rates.

The Numatics Reclassifier can be mounted to exhaust ports on any valve or manifold using a common exhaust base or by combining exhaust ports. Mounting it vertically fully utilizes the oil-catching sump surrounding the filter element and provides easy draining.



SPECIFICATIONS

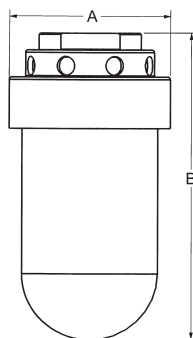
FLUID	: Compressed air or neutral gas
PORTS	: G 1/2 à G1 1/4
MAX. PRESSURE	: 7 bar
MAX. TEMPERATURE	: +50 °C
FILTRATION	: 99 % oil removal
MAX. FLOW	: 6550 to 10900 l/min (ANR)
NOISE REDUCTION	: > 25 dB (A)
PRESSURE DROP	: See characteristic curve

CHOICE OF EQUIPEMENT

pipe size	max. flowrate l/min (ANR)	catalogue number
G 1/2	6550	H30G04
G 3/4		H30G06
G 1	10900	H40G08
G 1 1/4		H40G10

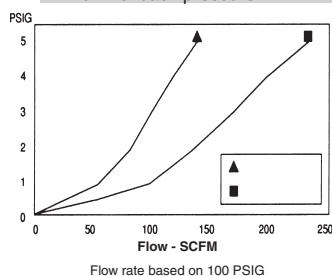
DIMENSIONS (mm)

Ø G	A	B
G1/2	64,0	178,0
G3/4	64,0	178,0
G1	95,0	203,0
G1 1/4	95,0	203,0



AIR FLOW VERSUS BACK PRESSURE AND NOISE REDUCTION

Air flow vs. back pressure



Air flow vs. sound level

