



Filter and Coalescing Filter Series N

Ports 1/8", 1/4" NPTF
with threaded transparent bowl (Nylon - Grilamid)

The Series N filter is available with 1/8" and 1/4" NPTF ports.

The bowl, which is transparent (Grilamid), makes monitoring of the condensate levels very easy and is equipped with manual and semiautomatic drain (plus 3 new drain options).

The models are available with 3 different filtering elements:
25µm, 5µm and 0.01µm coalescing.



TECHNICAL SPECIFICATIONS

Construction	HDPE filtering element
Materials	Nickel-Plated brass body, Buna-N seals, Grilamid bowl, brass internals, filtering element in HDPE
Threaded ports	1/8", 1/4" NPTF
Max. condensate capacity cm3	Size 1 = .4 oz Size 2 = 1 oz
Weight	Kg 0.220 = .5 lbs
Type of mounting	Vertical, in-line
Operating temperature	-50°C - 500°C, (230°F - 1220°F), with Dew Point of air at least 20°C (40°F) below the min working temperature
Porosity of filtering element	25 µm, standard; 5 µm and 0.01µm available
Draining of condensate	Standard semiautomatic/manual; see code key for options

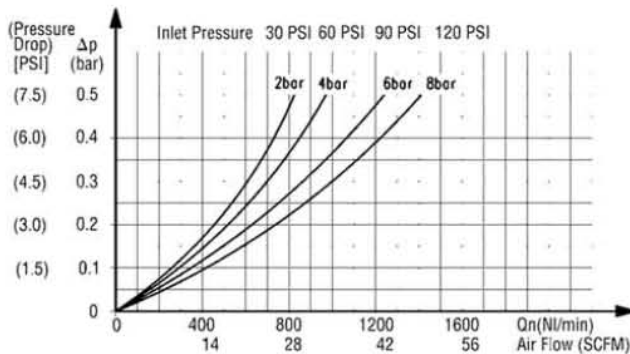
PNEUMATIC DATA

Operating pressure	0.3 — 16 bar (4.35 psi - 232 psi) (Maximum pressure 10 bar/145 psi with depressurization draws)
Nominal flow	See chart

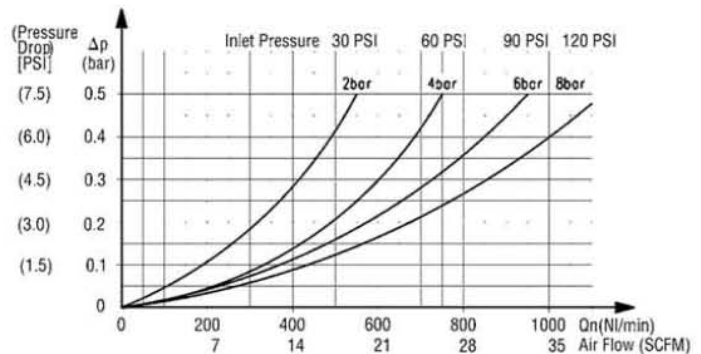

CODING EXAMPLE

N	2	04	-	F	0	0	TF
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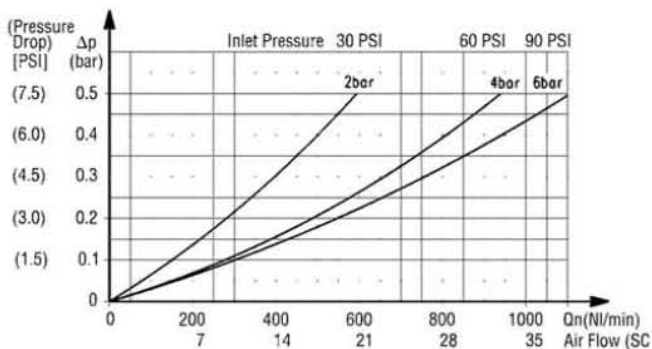
N	SERIES
2	SIZE 1 = small bowl 2 = normal bowl
04	PORTS: 08 = 1/8" 04 = 1/4"
F	FILTER
0	FILTERING ELEMENT 0 = 25µm 1 = 5µm B = 0.01µm, coalescing type
0	DRAINING OF CONDENSATE: 0 = manual - semiautomatic 4 = depressurization - only normal bowl (Size 2) 5 = depressurization, protected - only normal bowl (Size 2) 8 = port 1/8" female (free flow) Condensate drains (see Accessories section at back of catalog)
TF	PORT TF = NPTF Blank = BSPP thread ports

FLOW DIAGRAMS
N204-F00TF


Pa = Inlet pressure
 ΔP = Pressure Drop
 Qn = Flow

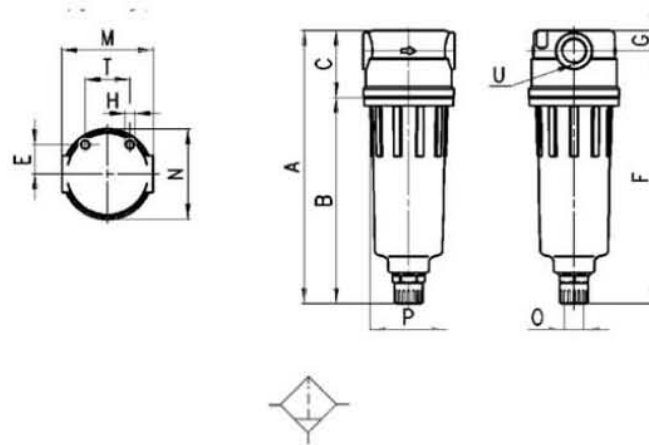
N204-F10TF


Pa = Inlet pressure
 ΔP = Pressure Drop
 Qn = Flow

N204-FB0TF


Pa = Inlet pressure
 ΔP = Pressure Drop
 Qn = Flow

Filters Series N



DIMENSIONS (in inches)

Mod.	A	B	C	E	F	G	H	M	N	O	P	T	U (NPTF)
N108-F00TF	4.37	3.07	1.299	.570	3.976	.394	M5	1.772	1.751	1/8"	1.496	.866	1/8"
N104-F00TF	4.37	3.07	1.299	.570	3.976	.394	M5	1.772	1.751	1/8"	1.496	.866	1/4"
N208-F00TF	5.315	4.016	1.299	.570	4.921	.394	M5	1.772	1.751	1/8"	1.496	.866	1/8"
N204-F00TF	5.315	4.016	1.299	.570	4.921	.394	M5	1.772	1.751	1/8"	1.496	.866	1/4"