

## Lasting Values



### Submicron Filters



#### Cleansweep

- Oil Removal (Coalescing) and Particulate
- Flow from 15 cfm to 2000 cfm
- Particle Removal 0.01 (Micron)
- Max. Oil carryover at 21°C 0.01 (mg/m<sup>3</sup>)



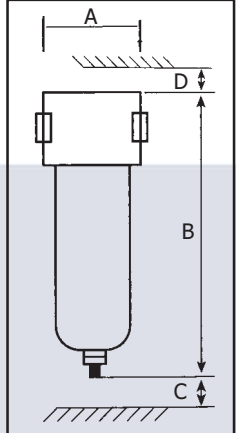
India's Largest Exporter of Compressed Air Treatment Products

## Working Principle

Coalescing is a continuous natural process in which oil and water particles that pass through the filter element come into contact with a fiber strand and unite with other collected aerosole to form droplets. The droplets fall to the bottom of the housing and are drained away.

## Technical Data

Model	Element Grade	Drain Type	Pipe Size BSP/NB	Flow Rate (scfm)	Max Working Pressure kg/cm <sup>2</sup>	Housing Dimensions (mm)				Weight (kgs)
						A	B	C	D	
G 24	P/X/Y	IA / EA	1/4"	15	16	72	193	100	—	1
G 100	P/X/Y	IA / EA	1/2"	60	16	96	237	150	—	1.5
G 250	P/X/Y	IA / EA	1"	150	16	117	465	300	—	3.5
G 600	P/X/Y	IA / EA	1 1/2"	350	16	117	530	425	—	4
G 851	P/X/Y	IA / EA	2"	500	16	170	722	480	—	10.5
G 1210	P/X/Y	IA / EA	2"	710	16	170	722	550	—	11
G 1810	P/X/Y	IA / EA	3"	1065	12	235	760	550	—	20
G 2200	P/X/Y	IA / EA	4" NB	1200	12	440	1325	—	800	75
G 2600	P/X/Y	IA / EA	4" NB	1500	12	650	1500	—	800	85
G 3400	P/X/Y	IA / EA	6" NB	2000	12	650	1500	—	800	85



\* Contact factory for high flowrate and pressure.

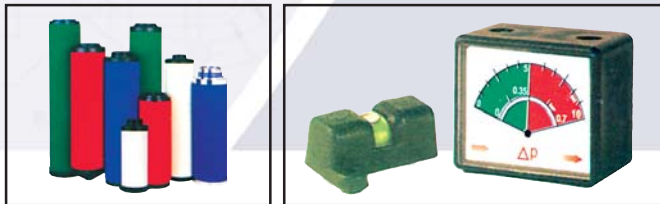
**Ordering Code : Example :** Model G 24 X EA (or) G 24 X IA

X - Element Grade ; EA - Drain Electro Adjustable ; IA - Drain Internal Automatic

## Specification

Description	Element Grade		
	P	X	Y
Filter Element	Borosilicate	Borosilicate	Borosilicate
Housing	Aluminium Pressure Die Casting Mild Steel (G2200 - G3400)	Aluminium Pressure Die Casting Mild Steel (G2200 - G3400)	Aluminium Pressure Die Casting Mild Steel (G2200 - G3400)
Coating - External	Powder Coated Enamel painted (G2200 - G3400)	Powder Coated Enamel painted (G2200 - G3400)	Powder Coated Enamel painted (G2200 - G3400)
Internal	Anticorrosive epoxy paint	Anticorrosive epoxy paint	Anticorrosive epoxy paint
Particle Removal	5 (Micron)	1 (Micron)	0.01 (Micron)
Max. Oil carryover at 21°C	5 (mg/m <sup>3</sup> )	0.5 (mg/m <sup>3</sup> )	0.01 (mg/m <sup>3</sup> )
Max. Working Temp.	80°C	80°C	80°C
Initial Pressure Loss	0.1 (kg/cm <sup>2</sup> )	0.1 (kg/cm <sup>2</sup> )	0.1 (kg/cm <sup>2</sup> )
Pressure Loss for Element Change	0.7 (kg/cm <sup>2</sup> )	0.7 (kg/cm <sup>2</sup> )	0.7 (kg/cm <sup>2</sup> )

## Replacement Element




## Applications




- Painting • CNC • Garments • Textiles • Instrumentation
- Automobiles • Pharma • Food industry • Packaging

Note : 1. Pop up Indicators are supplied as standard to models G 24 and G 100. Differential pressure gauge type pressure indicators are fitted to models G 250 to G 3400 as standard.



### Our Other Range of Products

- Timer based Auto Drain Valve • Level Sensing Auto Drain Valve • Desiccant Dryer (Heatless) • Desiccant Dryer (Heated) • Refrigeration Dryers • Moisture Separator



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