

iSystems Industries Dry Gas Filter Data Sheet

Material

Body	ASTM A106 or API 5L Pipe
Flanges	ASTM A105 N, ANSI B16.5
Seals	Hydrocarbon resistant rubber
Head	Quick Closure (QC): P355

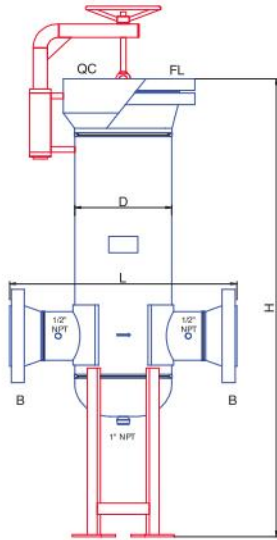
Type Selection

Model Name	Body Size	Pressure Class	Connettion Size
AHF	200	600	100

Sample Selected Product Code; **AHF. 200. 600. 100.**

Dimensions

Type	D (DN)	B(DN)	L(mm)	H(mm)	Cartridge
AHF100	100	25 – 50	450	900	G1
AHF150	150	50 – 80	450	1100	G1.5
AHF200	200	80 – 100	550	1350	G2
AHF250	250	80 – 100	650	1580	G2.5
AHF300	300	100 – 150	700	1850	G3
AHF400	400	100 – 200	820	2200	G4
AHF500	500	150 – 250	960	2580	G5
AHF600	600	200 – 300	1100	2900	G6



How to Select

Select cartridge that best meets desired capacity in relation to minimum inlet pressure and admissible pressure loses. Capacities are in the tables for one cartridge, for the filter with double cartridge multiply the capacity by 2.

Example:

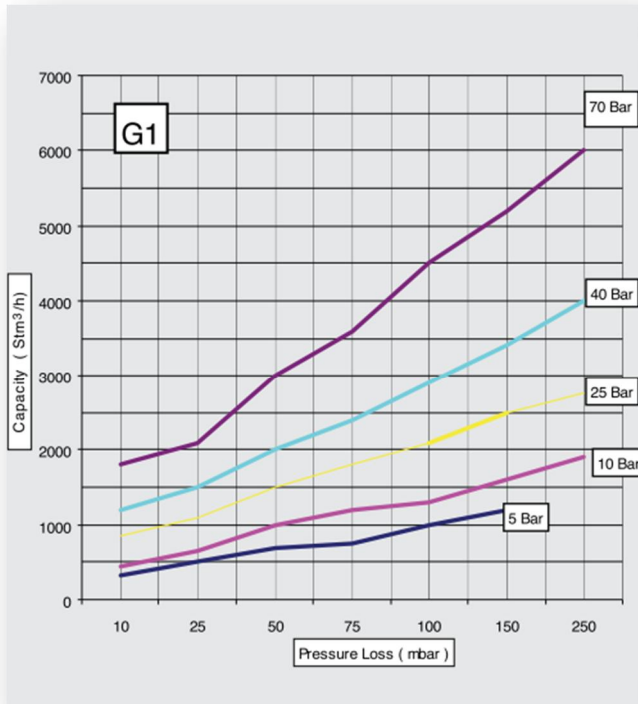
P: 25 bar

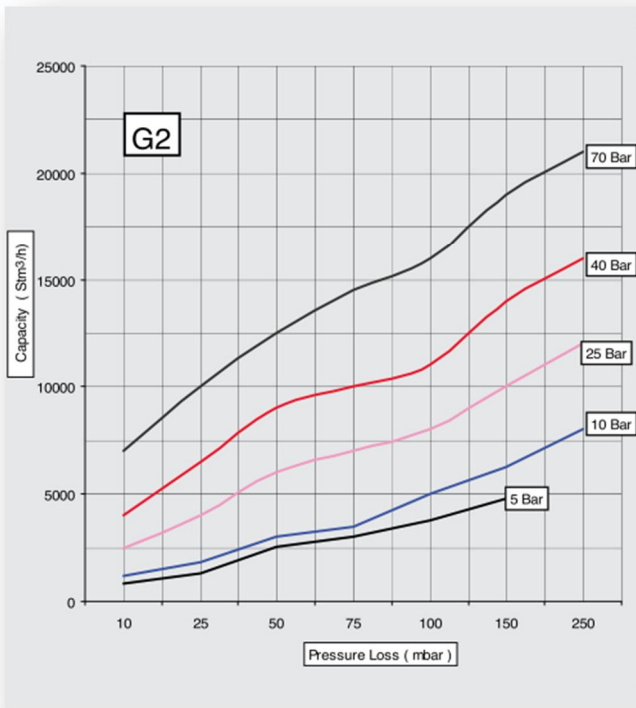
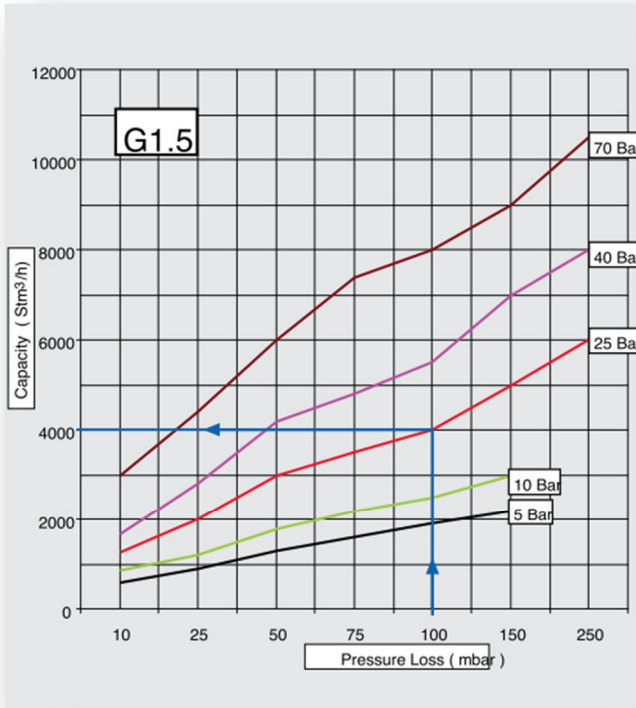
dP: 100 mbar

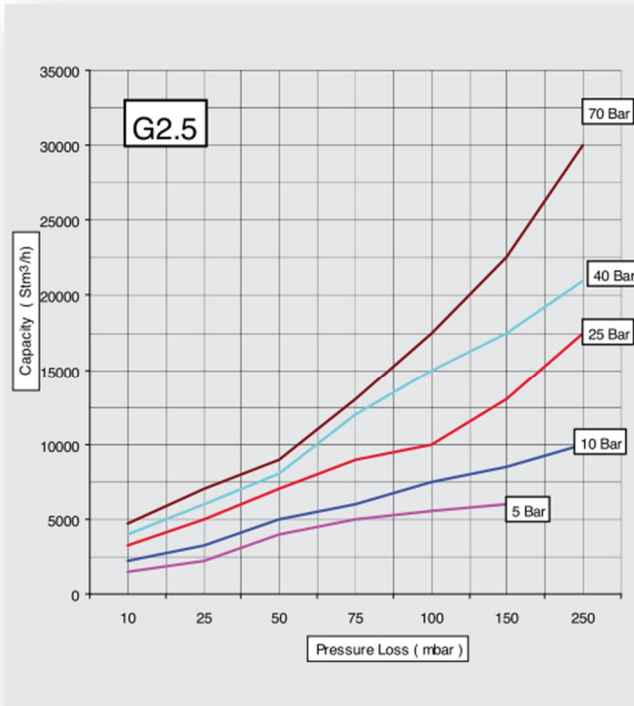
Q: 7500 m³/h

Selected Cart. : G 1.5, by graph Qmax: 4000 m³/h.

Selected Filter: AHF150, with two cartridge, Qmax: 8000 m³/h







How to Select

Select cartridge that best meets desired capacity in relation to minimum inlet pressure and admissible pressure losses. Capacities are in the tables for one cartridge, for the filter with double cartridge multiply the capacity by 2.

Example:

P: 40 bar

dP: 100 mbar

Q: 80,000 m³/h

Selected Cart. : G 4, by graph Qmax: 45,000 m³/h.

Selected Filter: AHF400, with two cartridge, Qmax: 90,000 m³/h

