

Comparison Chart

Type A	✓	✗	✗
Type B	✓	✗	✓
Type C	✗	✗	✓
Type D	✓	✗	✗

Genie® Membrane Separator™ Comparison Chart

Model	Max Membrane flow Type 6 BTU ¹ (CC/MIN)	Max Membrane Flow Type 7 Hi-Flow Backed ² (CC/MIN)	Max Pressure Rating PSIG (Bar)
Original Series 100 Gas/Liquid Separators - 316 Stainless Steel			
170	300	750	500 (34.5)
101	1,440	5,000	1000 (68.9)
130*	5,130	18,000	500 (34.5)
130M			1500 (103.4)
130HPM			3750 (258.6)
130HPMX			
102A	11,400	37,800	450 (31)
102AX	22,800	75,600	
Series 100 Gas/Liquid Separators - Kynar⁴			
120	1,000	4,000	50 (3.4)
101	1,440	5,000	
130*	5,130	18,000	
130M			
Supreme³ Series 100 Gas/Liquid Separators - 316 Stainless Steel			
120	1,000	4,000	2000 (137.9)
123	5,130	18,000	
133*			

1. Type 6 (BTU) membrane is suitable for the separation of most liquids, including liquid hydrocarbons. The maximum temperature rating of all models with type 6 membrane and standard seals is 185°F (85°C).
2. Type 7 (Hi-Flow Backed) Membrane is suitable for the separation of water, solutions consisting primarily of water, sulfuric acid, caustic, glycols, oily liquids, and other high-surface tension liquids. The maximum temperature rating of all Stainless Steel models with type 7 membrane and standard seals is 302°F (150°C).
3. All Supreme models have a screw-on cover for easy maintenance. The Liquid Block option is available for all models and is designed to shut-off flow to the outlet should the membrane become overwhelmed with liquid.
4. Type 7 (Hi-Flow Backed) Membrane is suitable for the separation of water, solutions consisting primarily of water, sulfuric acid, caustic, glycols, oily liquids, and other high-surface tension liquids. The maximum temperature rating of all Kynar models with type 7 membrane and standard seals is 212°F (100°C).

Additional Comments:

*The Model 130/133 should be selected for pre-conditioning applications where no bypass flow is available and the rejected liquid must be gravity drained from the separator housing.

Maximum recommended flow rate of gas through the membrane results in approximately 2 PSI membrane differential pressure and does not include the bypass flow rate.

