

Liquid Separators



For compressed air systems where excessive free liquid and solid contamination is a problem, choose Gardner Denver Liquid Separators. Our unique design combines the techniques of centrifugal action and other mechanical separation principles (Impingement, Separation, Laminar Flow, and Stokes Law) to remove large quantities of liquid and solid contamination.

Typical applications include water separation downstream of aftercoolers, downstream of intercoolers, on refrigerant dryers, protection of refrigerant and Twin Tower desiccant dryers, downstream of air receivers at strategic points in large scale pipework installation and other liquid/gas separation duties where the volume of water and solids poses a real problem.

Features

- High flow rates
- Less than 1 psig differential pressure
- Lightweight cast aluminum housing with 1" to 3" NPT connections
- Externally epoxy painted for maximum corrosion protection
- Ribbed bowl with provision for "C" spanner for easy removal
- Cast zinc housing with 3/4" and 1" NPT connections
- Standard equipped with quick disconnect bowls for ease of service
- Three different optional models of automatic drain available

GD
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Experience Proven Results™

Liquid Separators

Operating Specifications

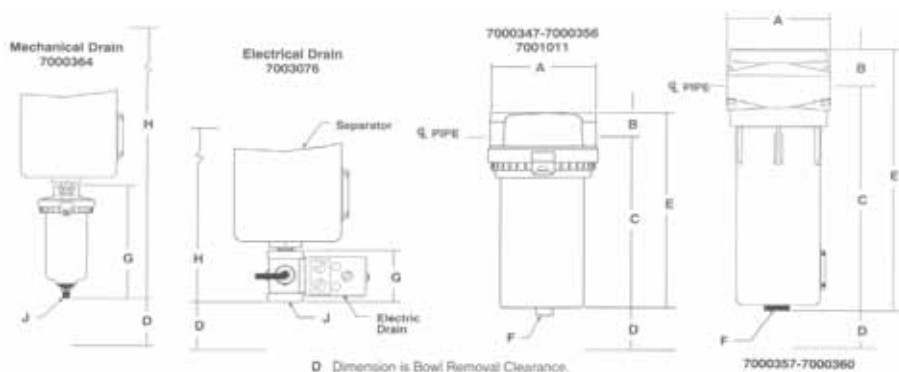
Models	Min. Operating Temperature	Max. Operating Temperature	Maximum Pressure	Pressure Differential at Rated Flow
7000357-7000360	35° F	150° F	200 psig	1.0 psid
7003076	35° F	150° F	300 psig	1.0 psid
7000364	35° F	175° F	200 psig	1.0 psid
7001011	35° F	125° F	150 psig	1.0 psid
7000347-7000356	35° F	175° F	200 psig	1.0 psid

Moisture Separators and Drains

Model Number	In/Out NPT Pipe Conn.	Rated Flow (SCFM) @100 PSIG ⁽¹⁾	Dimensions (Inches)						Approx. Weight (lbs)	Recommended Automatic Drain	Drain Dimens. (In.)	Overall Length (In.)	External Drain Discharge Port
			A	B	C	D	E	F			G	H	J
7000347*	1/4"	25	3.00	.90	5.51	3.5	6.41	1/8"	2.2	Optional	—	—	—
7000348	1/4"	25	3.00	.90	5.51	3.5	6.41	1/8"	2.2	Internal	—	—	—
7000349*	3/8"	50	3.35	.98	6.36	3.5	7.34	1/8"	2.6	Optional	—	—	—
700050	3/8"	50	3.35	.98	6.36	3.5	7.34	1/8"	2.6	Internal	—	—	—
700051*	1/2"	50	3.35	.98	6.36	3.5	7.34	1/8"	2.6	Optional	—	—	—
700052	1/2"	50	3.35	.98	6.36	3.5	7.34	1/8"	2.6	Internal	—	—	—
700053*	3/4"	100	4.692	1.0	9.00	3.5	10.0	1/8"	6.0	Optional	—	—	—
700054	3/4"	100	4.62	1.0	9.00	3.5	10.0	1/8"	6.0	Internal	—	—	—
700055*	1"	120	4.62	1.0	9.00	3.5	10.0	1/8"	6.0	Optional	—	—	—
700056	1"	120	4.62	1.0	9.00	3.5	10.0	1/8"	6.0	Internal	—	—	—
700057	1"	170	4.70	2.3	9.80	3.0	12.1	1/4"	5.3	DS1-5 DS3-G12BL	5.9 2.0	18.00 14.10	1/8" 1/4"
700058	1 1/2"	400	4.70	2.3	9.80	3.0	12.1	1/4"	5.3	DS1-5 DS3-G12BL	5.9 2.0	18.00 14.10	1/8" 1/4"
700059	2"	750	6.25	2.6	16.0	3.0	18.6	1/4"	13.0	DS1-5 DS3-G12BL	5.9 2.0	24.50 20.60	1/8" 1/4"
700060	3"	1700	8.00	3.0	20.0	3.0	23.0	1/4"	27.0	DS1-5 DS3-G12BL	5.9 2.0	28.90 20.60	1/8" 1/4"

*Models have petcock

⁽¹⁾ psig maximum differential; contact Gardner Denver for flow at higher psigs



Gardner Denver®

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