

**Gardner**  
**Denver**

25-1,700 SCFM

# Liquid **Separators**



# Liquid Separators

For compressed air systems that contain excessive liquid and solid contamination, 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, protection of refrigerant and desiccant dryers, downstream of air receivers 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 ¾" and 1" NPT connections
- Standard equipped with quick disconnect bowls for ease of service
- Three different optional models of automatic drain available



## OPERATING SPECIFICATIONS

MODELS	MIN. OPERATING TEMPERATURE	MAX. OPERATING TEMPERATURE	MAXIMUM PRESSURE	PRESSURE DIFFERENTIAL AT RATED FLOW
7000364	35°F	175°F	200 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 <sup>1</sup>	DIMENSIONS (INCHES)						APPROX. WEIGHT (LBS)	RECOMMENDED AUTOMATIC DRAIN	DRAIN DIMENS. (IN.)	OVERALL LENGTH (IN.)	EXTERNAL DRAIN DISCHARGE PORT
			A	B	C	D	E	F					
7000347*	¼"	25	3.00	.90	5.51	3.5	6.41	⅜"	2.2	Optional	—	—	—
7000348	¼"	25	3.00	.90	5.51	3.5	6.41	⅜"	2.2	Internal	—	—	—
7000349*	⅜"	50	3.35	.98	6.36	3.5	7.34	⅜"	2.6	Optional	—	—	—
7000351*	½"	50	3.35	.98	6.36	3.5	7.34	⅜"	2.6	Optional	—	—	—
7000352	½"	50	3.35	.98	6.36	3.5	7.34	⅜"	2.6	Internal	—	—	—
7000353*	¾"	100	4.692	1.0	9.00	3.5	10.0	⅜"	6.0	Optional	—	—	—
7000354	¾"	100	4.62	1.0	9.00	3.5	10.0	⅜"	6.0	Internal	—	—	—
7000355*	1"	120	4.62	1.0	9.00	3.5	10.0	⅜"	6.0	Optional	—	—	—
7000356	1"	120	4.62	1.0	9.00	3.5	10.0	⅜"	6.0	Internal	—	—	—

\*Models have petcock

<sup>1</sup>psig maximum differential; contact Gardner Denver for flow at higher psigs



The leader in every market we serve  
by continuously improving all business processes  
with a focus on innovation and velocity

**Gardner  
Denver**<sup>®</sup>

**Gardner Denver, Inc.**

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