

# Gas Generator Accessories: Compressors

## Membrane Air Dryers



LXFD12-8

SF Series

## Atlas Copco Air Compressors

- 100% Oil free air
- SF Series: 35° F - 39° F Integral refrigerant air dryer – Air cooled, fully packaged
- High efficiency
- Whisper quiet operation
- 24-hour Continuous duty applications
- Approved for all Parker Hannifin gas generators

The SF and LXFD Series are 100% oil-free operation, which guarantees there is no possibility of oil based residues building up in sensitive equipment. The SF Series compressors are ideal for supplying 'quality air' for Nitrogen generators.

The LXFD compressors can be supplied as complete 'quality air' packages for Parker Zero Air Generators, which include an in-line pre-filter and single column desiccant air dryer, ensuring the removal of particulate contaminants and moisture, thus preventing condensation within your compressed air system.

Each compressor configuration is totally pre-piped and wired for easy and economical installation. Simply select your desired compressor from the table below and order from Chrom Tech. Full service and warranty are provided exclusively from Atlas Copco.

Each compressor includes Atlas Copco "Certified Start-up Assistance Service" as standard.

\* Excludes electrical supply work, due to local code restrictions. Electrician may be required.

### Compressors for Parker Gas Generators

Cat. No.	Description
L330	SF Series compressor (Nitrogen generators)
L189	SF Series compressor (Nitrogen generators)
LXF12D-8	LXFD compressor (Zero air generators)

Air Compressor Specifications:			
Model	L330	L189	LXFD12-8
Motor HP	3	5	1.29
Capacity AFCM <sup>1</sup>			
100 psi	9.0 ft <sup>3</sup> /min	14.7 ft <sup>3</sup> /min	(58 psi) 6.3 ft <sup>3</sup> /min
125 psi	6.8 ft <sup>3</sup> /min	na	(116 psi) 5.3 ft <sup>3</sup> /min
150 psi	6.0	na	
Sound level (dBA) <sup>2</sup>	58	59	60
Net weight (lbs)	260	289	53
Receiver tank (gallons)	30	60	20

<sup>1</sup> Unit performance measured according to Pneurop/CAGIPN2CPTC2  
<sup>2</sup> Maximum noise level measured at a distance of 3 ft. according to Pneurop/CAGIPN8NTC2 test code

- Dry air for hazardous areas
- No electricity required – low operating costs
- No refrigerants or freons – environmentally sound
- Explosion proof



64-02

Parker Balston® Membrane Air Dryers are engineered for easy installations, operation, and long term reliability. The dryers incorporate the highest efficiency membrane available, offering low cost operation and minimal maintenance. Designed to operate continuously, 24 hours per day, 7 days per week. The only maintenance required is changing the prefilter cartridge once each year. This annual maintenance takes 5 minutes. The dryers are lightweight, compact, and can be easily installed on an existing air line. A high efficiency coalexcing prefilter is installed directly

upstream from the dryer module to protect the membrane from potential contamination caused by pipe scale, liquids, or other solids.

Cat. No.	Description
64-01	Membrane air dryer, up to 113 LPM
64-02	Membrane air dryer, up to 307 LPM
64-10	Membrane air dryer, up to 1,203 LPM
MK7601	Maintenance kit for 64-01, 64-02
MK7610	Maintenance kit for 64-10

Membrane Air Dryer Specifications:			
Model	64-01	64-02	64-10
Max flow rate <sup>1</sup> at -40°C dewpoint	47 LPM	125 LPM	517 LPM
Max flow rate <sup>1</sup> at 0°C dewpoint	113 LPM	307 LPM	1,203 LPM
Min/Max inlet air temp <sup>2</sup>	4°C/60°C	4°C/60°C	4°C/60°C
Recommended operating temp	16°C-38°C	16°C-38°C	16°C-38°C
Min/Max inlet pressure	60 psi/150 psi	60 psi/150 psi	60 psi/150 psi
Max pressure drop	<4 psi	<4 psi	<4 psi
Wall mountable	yes	yes	yes
Inlet/Outlet port size	1/4"	1/4"	1/4"
Shipping weight	9 lbs	10 lbs	18 lbs
Dimensions (W x H x D)	6" x 22" x 5"	6" x 23" x 5"	6" x 37" x 5"

**Notes:**  
 1. Dewpoint specified with inlet air at 38°C saturated at 100 psi.  
 2. Inlet compressed air dewpoint must not exceed the ambient air temperature.

## In-Line Check Valves for Gas Lines

- Recommended check valve to be used when implementing a back up cylinder with a single generator configuration



The 415 series piston check valve incorporates a piston with an embedded o-ring that seals on the seat. Pressure in the flow direction moves the piston and seal off the seat and exposes the cross holes in the piston.

### 415 Series Check Valve Specifications:

Max Pressure, Temp:	500 psi, 180 °F
Body Material:	316 SS Body and Piston
O-ring Seal:	Ethylene Propylene
Fittings:	1/4" FNPT Inlet x 1/4" FNPT Outlet
Cracking Pressure:	302 Stainless Spring, 1/3 psi

Cat. No.	Description
CT-CV415	415 In-line check valve