

## Electronic zero air loss drain

DZLB series, is used for the automatic discharge of accumulated condensate from compressed air systems. The basic principle is contactless measurement of the accumulated condensate which is then discharged without the loss of valuable compressed air.

The DZLB has a built in blocked plunger release detection feature that provides uninterrupted operation!

When the electronic sensor detects the valve has failed to close, the blocked plunger release procedure starts automatically and clears the drain of any debris trapped in the plunger. This allows for continuous operation.

DZLB series is constructed of an aluminum housing with plastic cover, which protects the electronics inside the device from outside harmful conditions



### FEATURES

- robust aluminum housing*
- integrated ~filter mesh*
- compact design*
- two-way connections*
- contactless measuring*
- direct acting, self cleaning valve (patented)*
- blocked plunger release procedure*
- operating diagnostic monitoring*
- warning LED light for drain operating and alarm*
- IP 54 electrical protection*

# TECHNICAL SPECIFICATIONS



Type		DZLB 15	DZLB 40	DZLB 90	DZLB 150
Voltage	115 VAC	115 V ± 10 %	115 V ± 10 %	115 V ± 10 %	115 V ± 10 %
	230 VAC	230 V ± 10 %	230 V ± 10 %	230 V ± 10 %	230 V ± 10 %
Power	115 VAC	24 VA	24 VA	24 VA	24 VA
	230 VAC	24 VA	24 VA	24 VA	24 VA
Frequency		50 - 60 Hz			
Operating pressure		0 - 16 bar (0 - 232 psi)			
Drain capacity (at 7 bar/100 psi)		3.9 g/h (0,0088 cfm)	10..56 g/h (0,023 cfm)	23.77 g/h (0,053 cfm)	39.62 g/h (0,088 cfm)
Operating temperature range		35-149 °F (1,5 - 65 °C)			
Inlet connection		1/2"	1/2"	1/2"	1/2"
Outlet connection		1/8"	1/8"	1/8"	1/8"
Power interface		3 x 0,75 mm <sup>2</sup>	3 x 0,75 mm <sup>2</sup>	3 x 0,75 mm <sup>2</sup>	3 x 0,75 mm <sup>2</sup>
Protection class		IP54	IP54	IP54	IP54
Weight [pounds / ounces]		1# 15oz	1# 15 oz	2# 6oz	2# 9oz
Dimensions A x B x C [inches]		4.72" x 3.22" x 4.92"	4.72" x 3.22" x 4.92"	4.72" x 3.22" x 5.32"	4.72" x 3.22" x 5.90"
Peak compressor performance [m <sup>3</sup> /min]		11,6	29,4	60,6	111,6
		9,3	23,5	48,5	89,3
		5,8	14,7	30,3	55,8
Peak dryer performance [m <sup>3</sup> /min]		23,2	58,8	121,2	223,2
		18,6	47,0	97,0	178,6
		11,6	29,4	60,6	111,6
Peak -lter performance [m <sup>3</sup> /min]		116	294	606	1116
		93	235	485	893
		58	147	303	558
Compressor motor power [kW]		up to 40 hp	40 - 100 hp	100 - 215 hp	200 - 425 hp



Buy From Your Local Distributor



1211 Old Coochs Bridge RD.  
Newark, De 19713  
Phone: 302-456- 1660  
Fax: 302-456- 1660

Email: [de.sales@comcast.net](mailto:de.sales@comcast.net)

