

# LV-Series

## ROTARY VANE AIR COMPRESSORS

The LV Series range of compressors is engineered to meet the most stringent of specifications. Their compact, simple, robust and integrated design allows them to be fitted anywhere undercover. They are easy to install and maintain as well as extremely quiet. The LV Series is available in either tripod or tank mounted versions. They are designed for a wide variety of applications including automobile, car body shops, wood working, dentistry, laundry, packaging and machine tools.



### SPECIFICATION OVERVIEW:

- ▶ 2 – 10 hp
- ▶ Less than 3 ppm Oil Carryover
- ▶ Available as a Simplex or Duplex tank mounted unit
- ▶ Standard Starter
- ▶ Slow Speed: 1760 rpm (60 Hz)
- ▶ 100% Duty Cycle
- ▶ Continuous Run or Start/Stop
- ▶ TEFC Motor
- ▶ Direct Drive
- ▶ Standard 2 year warranty
- ▶ Industry Leading 10 year warranty available



**CHAMPION<sup>®</sup>**  
AN *American* ICON



### LV SERIES: SIMPLEX

hp	kW	Model	Voltage/Phase	Mounting Config.	Tank Style	Tank Cap. (Gal.)	CFM 100 PSIG	CFM 150 PSIG	Noise Level (dBA)	Air Outlet NPT	Oil Cap. (Gal)	Weight (lbs.)	L (in.)	W (in.)	H (in.)	Starter	After cooler
2	1	LV01PUTS	115/208-230 1Ph 208-230/460 3Ph	Tripod	N/A	N/A	6.3	4.5	65	3/8"	0.5	130	30	11	18	Yes	No
		LV01PURHS-3	115/208-230 1Ph 208-230/460 3Ph	Tank	Horiz.	30	6.3	4.5	65	3/8"	0.5	240	41	19	34	Yes	No
5	4	LV04PUTAS	208-230 1Ph 208-230/460 3Ph	Tripod	N/A	N/A	19.5	16.0	72	1/2"	0.5	315	42	24	24	Yes	Yes
		LV04PURVS-8	208-230 1Ph 208-230/460 3Ph	Tank	Vert.	80	19.5	16.0	72	1/2"	0.5	570	36	26	66	Yes	No
		LV04PURHS-8	208-230 1Ph 208-230/460 3Ph	Tank	Horiz.	80	19.5	16.0	72	1/2"	0.5	425	65	22	40	Yes	No
7.5	5.5	LV05PURVS-8	208-230 1Ph 208-230/460 3Ph	Tank	Vert.	80	-	22.0	72	1/2"	1.15	695	39	26	69	Yes	No
		LV05PURHS-8	208-230 1Ph 208-230/460 3Ph	Tank	Horiz.	80	-	22.0	72	1/2"	1.15	550	66	22	43	Yes	No
10	7.5	LV07PURHS-8	208-230/460 3Ph	Tank	Horiz.	80	-	28.9	72	3/4"	1.15	670	66	22	43	Yes	No



### LV SERIES: DUPLEX

hp	kW	Model	Voltage/Phase	Mounting Config.	Tank Style	Tank Cap. (Gal.)	CFM 100 PSIG	CFM 150 PSIG	Noise Level (dBA)	Air Outlet NPT	Oil Cap. (Gal)	Weight (lbs.)	L (in.)	W (in.)	H (in.)	Starter	After cooler
5	4	LV04PDRHS-12	208-230 1Ph 208-230/460 3Ph	Tank	Horiz.	120	39.0	32.0	75	1/2"	1	845	72	27	48	Yes	No
7.5	5.5	LV05PDRHS-12	208-230 1Ph 208-230/460 3Ph	Tank	Horiz.	120	-	44.0	76	1/2"	1	1210	76	27	50	Yes	No
10	7.5	LV07PDRHS-12	208-230/460 3Ph	Tank	Horiz.	120	-	57.8	77	3/4"	1	1325	76	27	50	Yes	No



[www.ChampionPneumatic.com](http://www.ChampionPneumatic.com)

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