

# **Gardner Denver**

V/VR 01-11 (2-15 HP) | FIXED SPEED ROTARY VANE COMPRESSORS

## **V/VR Series**



# The **Vane** Advantage

## Slow Speed Reliability

- 1760 rpm direct drive (60 Hz)
- 5-15 hp

## Configuration Flexibility

- Airend only
- Compressor and TEFC motor combination
- Tank mounted (simplex/duplex)
- hypac total systems (compressor + tank + dryer)

## Low Noise

- As low as 65 dBA

## Simple Start/Stop Controls

- Hour meter and test off auto-switch included
- No microprocessor

## Easy-to-Service

- Minimized consumable parts
- Large oil capacity & generously-sized filtration provide extended service intervals
- Spin-on/off oil filter & separator
- Easy-access air filter
- Less than 3 ppm oil carryover

## Efficient Air Generation

- Cost effective compressor
- Low energy costs

## Ideal for 100% Duty Cycle Applications

## Backed by Industry-Leading Warranty

- Standard 2-year warranty
- Industry-leading Platinum 10-year Warranty available

## Long Life & Reliability

- Fewer moving parts
- Allowing up to 100,000+ operating hours with no expensive airend change or refurbishment



# OUR COMPRESSOR TECHNOLOGY WEARS IN—NOT OUT!

The performance of a hydrovane improves over time once parts are bedded within the rotor stator unit, reducing power and energy costs.



# Configuration **Flexibility**

The V and VR Series compressors are engineered to meet the most stringent of specifications. Their compact, simple, robust and integrated design allows them to be fitted anywhere undercover. These units are available in airend only, compressor plus motor, tank mounted (simplex/duplex), or hypac configurations (airend, motor, tank and dryer). They are easy to install and maintain as well as extremely quiet. They are designed for a wide variety of applications including automobile, body shops, wood working, dentistry, laundry, packaging and machine tools.

## hypac

- 5-15 hp
- Tank-mounted compressor & motor with refrigerated dryer
- The total system solution
- 100-150 psi
- Up to 50.2 cfm



hypac

## Airend or Compressor/Motor

- 5-10 hp
- Compressor and/or TEFC motor
- 100-150 psi
- Up to 36.4 cfm

## Tripod

- 2 hp
- Compressor & TEFC motor on tripod stand
- 100-150 psi
- Up to 6.3 cfm

## Simplex

- 5-10 hp
- Tank-mounted compressor & TEFC motor
- 100-150 psi
- Up to 36.4 cfm



Duplex

## Duplex

- 5-10 hp
- 2 compressors/motors & tank
- Lead/Lag system evenly distributes load between compressors
- 100-150 psig
- Up to 72.8 cfm



Airend/Motor



Tripod



Simplex

# Performance Data

## V/VR SERIES: SIMPLEX\*

HP	KW	MODEL	VOLTAGE/PHASE	PSIG	MOUNTING CONFIG	TANK STYLE	TANK CAP. GAL	CFM @ 100 PSIG	CFM @ 150 PSIG	NOISE LEVEL DBA	AIR OUTLET NPT	OIL CAP. GAL	DIMENSIONS IN INCHES		
													L	W	H
2	1	V01PUTS	115/208-230 1 Ph 208-230/460 3 Ph	100/150	Tripod	N/A	N/A	6.3	4.5	65	.50"	0.3	28.6	18.5	10.6
5	4	V04PURVS-8	208-230 1 Ph 208-230/460/575 3 Ph	100/150	Tank	Vert.	80	19.5	16	72	.50"	0.5	36.9	27.1	65.3
		V04PURHS-8	208-230 1 Ph 208-230/460/575 3 Ph	100/150	Tank	Horiz.	80	19.5	16	72	.50"	0.5	67.1	25.0	39.1
		V04 hypac	208-230 1 Ph 208-230/460/575 3 Ph	100/150	hypac	Horiz.	80	19.5 N/A	N/A 16	72	.50"	0.5	65.1	31.4	51.4 49.2
				100/150	hypac	Horiz.	120	19.5 N/A	N/A 16	72	.50"	0.5	69.5	31.4	56.1 53.7
				100/150	hypac	Horiz.	240	19.5 N/A	N/A 16	72	.50"	0.5	86.1	32.9	63.0 60.5
		7.5	5	VR05PURVS-8	208-230 1 Ph 208-230/460/575 3 Ph	100/150	Tank	Vert.	80	26.3	22.2	74	.75"	1	37.3
VR05PURHS-8	208-230 1 Ph 208-230/460/575 3 Ph			100/150	Tank	Horiz.	80	26.3	22.2	74	.75"	1	67.1	25.0	41.1
VR05PURHS-12	208-230 1 Ph 208-230/460/575 3 Ph			100/150	Tank	Horiz.	120	26.3	22.2	74	.75"	1	71.5	27.3	46.6
VR05 hypac	208-230 1 Ph 208-230/460/575 3 Ph			100/150	hypac	Horiz.	80	26.3 N/A	N/A 22.2	74	.75"	1	65.1 65.1	31.5 31.5	51.4 49.2
				100/150	hypac	Horiz.	120	26.3 N/A	N/A 22.2	74	.75"	1	69.5 69.5	31.4 31.4	55.9 53.7
				100/150	hypac	Horiz.	240	26.3 N/A	N/A 22.2	74	.75"	1	86.1 86.1	33.8 33.8	62.8 60.5
10	7	VR07PURHS-8	208-230/460/575 3 Ph	100/150	Tank	Horiz.	80	36.4	28.7	74	.75"	1	67.1	25.0	41.1
		VR07PURHS-12	208-230/460/575 3 Ph	100/150	Tank	Horiz.	120	36.4	28.7	74	.75"	1	71.5	27.3	46.6
		VR07 hypac	208-230/460/575 3 Ph	100/150	hypac	Horiz.	80	36.4 N/A	N/A 28.7	74	.75"	1	65.1 65.1	31.5 31.5	62.7 49.2
				100/150	hypac	Horiz.	120	36.4 N/A	N/A 28.7	74	.75"	1	69.5 69.5	31.4 31.4	68.7 53.7
15	11	V11 hypac	208-230/460/575 3 Ph	100/150	hypac	Horiz.	120	50.2	47.6	76	.75"	1.5	69.5	35.0	55.9
							240						86.1	35.0	62.8

## V/VR SERIES: DUPLEX\*

HP	KW	MODEL	VOLTAGE/PHASE	PSIG	MOUNTING CONFIG	TANK STYLE	TANK CAP. GAL	CFM @ 100 PSIG	CFM @ 150 PSIG	NOISE LEVEL DBA	AIR OUTLET NPT	OIL CAP. GAL	DIMENSIONS IN INCHES		
													L	W	H
5	4	V04PDRHS-12	208-230 1 Ph 208-230/460/575 3 Ph	100/150	Tank	Horiz.	120	39	32	72	.50"	1	76.0	27.4	48.0
7.5	5	VR05PDRHS-12	208-230 1 Ph 208-230/460/575 3 Ph	100/150	Tank	Horiz.	120	52.6	44.4	74	.75"	1	76.1	32.0	49.8
10	7	VR07PDRHS-12	208-230/460/575 3 Ph	100/150	Tank	Horiz.	120	72.8	57.4	74	.75"	1	76.1	32.0	49.8

\*All of the above models (V/VR) include a starter.

# Rotary Vane Product Offering

V/VR SERIES AIRENDS & COMPRESSORS/MOTORS



V/VR SERIES TRIPOD



V/VR SERIES TANK-MOUNTED SIMPLEX



V/VR SERIES HYPAC



V/VR SERIES TANK-MOUNTED DUPLEX



V/VR SERIES (UNENCLOSED)



HV/HR SERIES (ENCLOSED)



HP	2	5	7.5	10	15	20	25	30	40	50	60
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The leader in every market we serve  
by continuously improving all business processes  
with a focus on innovation and velocity

**Gardner  
Denver**<sup>®</sup>


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