

V & W SERIES | 5-10 HP RECIPROCATING COMPRESSORS

Pump Model VTS

Customized Solutions

Champion oil-less compressors are designed to meet the most precise standards for compressed air purity in industrial and medical facility applications. With advanced design features and a system that combines quality, durability and state-of-the-art lubrication technology, the V & W Series offers freedom from oil...freedom from maintenance...freedom from noise...freedom from worry.

Standard Features

- Totally dry crankcase
- Oil-less compressor service—"O" ring bumper eliminates end wear
- Nickel-plated, cast-iron cylinders
- Long-lasting ball bearing design
- High-grade steel valve plates and reeds
- Cantilevered crankshaft design for superior balance and long life
- Spring-isolated base
- Meets NFPA guidelines for medical air compressors
- 1-Year package warranty
- 1-Year pump warranty

Available Options

- Control panel
- Fusible disconnect switches
- Automatic tank drain
- Flexible discharge line
- Vibration isolators
- Vinyl-lined or galvanized receivers
- Water-cooled aftercooler
- Remote intake air filter/silencer
- High temperature shutdown/lag
- Compressor alarm
- Air dryer and bypass piping
- Downstream filter banks and indicator



BARE PUMP

MODEL	APPROX. SHIP WEIGHT LBS.	BORE DIA. INCHES	STROKE INCHES	# OF CYLINDERS	DISPLACEMENT CFM MAX	COOLING AIR FLOW MAX CFM @ 175 PSI	HEAT REJECTION MAX BTU/HR	COOLING WATER FLOW GPM	MAX PUMP RPM
VTS	565	4.72	1.97	2	57.8	3650	20350	1.5	1450

SIMPLEX BASE MOUNTED UNITS

MOTOR HP	V & W SERIES CIBVWA	DIMENSIONS L x W x H INCHES	APPROX. SHIP WEIGHT LBS.	CFM DEL'Y	
				50 PSIG	100 PSIG
5	5VTS35	57.3 x 37.5 x 37.4	1030	21.7	16.8
7.5	7VTS35	57.3 x 37.5 x 37.4	1105	31.6	25.9
10	10VTS35	57.3 x 37.5 x 37.4	1120	43	35.2

SIMPLEX TANK MOUNTED UNITS

MOTOR HP	TANK CAPACITY GAL.	V & W SERIES CISVWA	DIMENSIONS L x W x H INCHES	APPROX. SHIP WEIGHT LBS.	CFM DEL'Y	
					50 PSIG	100 PSIG
5	120	12T5VTS35	69 x 37.5 x 67	1515	21.7	16.8
5	250	25T5VTS35	92 x 37.5 x 73	1875	21.7	16.8
7.5	120	12T7VTS35	69 x 37.5 x 67	1530	31.6	25.9
7.5	250	25T7VTS35	92 x 37.5 x 73	1890	31.6	25.9
10	120	12T10VTS35	69 x 37.5 x 67	1550	43	35.2
10	250	25T10VTS35	92 x 37.5 x 73	1910	43	35.2

DUPLEX TANK MOUNTED UNITS

MOTOR HP	TANK CAPACITY GAL.	V & W SERIES CIDVWA	DIMENSIONS L x W x H INCHES	APPROX. SHIP WEIGHT LBS.	CFM DEL'Y	
					50 PSIG	100 PSIG
5 (2)	120	12TD5VTS35	88.3 x 57.3 x 60.5	2545	43.4	33.6
5 (2)	250	25TD5VTS35	84 x 67 x 72	1875	43.4	33.6
7.5 (2)	120	12TD7VTS35	88.3 x 57.3 x 60.5	2760	63.2	51.8
7.5 (2)	250	25TD7VTS35	84 x 67 x 72	3125	63.2	51.8
10 (2)	120	12TD10VTS35	88.3 x 57.3 x 60.5	2815	86	70.4
10 (2)	250	25TD10VTS35	84 x 67 x 72	3220	86	70.4

VERTICAL TWO-STAGE, CABINET ENCLOSED

MOTOR HP	V & W SERIES CVCVWA	DIMENSIONS L x W x H INCHES	APPROX. SHIP WEIGHT LBS.	CFM DEL'Y	
				50 PSIG	100 PSIG
5	5EVTS35	40 x 37 x 65.8	999	21.7	16.8
7.5	7EVTS35	40 x 37 x 65.8	1004	31.6	25.9
10	10EVTS35	40 x 37 x 65.8	1040	43	35.2

CHAMPION®

1301 North Euclid Avenue
Princeton, Illinois 61356 USA
866-276-4330
www.ChampionPneumatic.com



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