



## VECTOR COMPRESSORS OFFER UNMATCHED PERFORMANCE AND LONG-TERM VALUE... THE LOGICAL CHOICE WHEN THERE'S NO TIME FOR DOWNTIME

**DURABLE CAST IRON CONSTRUCTION** – provides greater frame rigidity and reduced noise level. No aluminum alloy cylinders with liners – just 100% cast iron construction for the greatest frame strength and longest life.

**LOW ROTATIONAL SPEEDS** – result in reduced valve cycles, increased ring and bearing life, and lower noise levels.

**CYLINDERS** – individual solid cast iron cylinders are bolted to the crankcase rather than integrally cast to the crankcase, and can be replaced if damaged. They are precision honed to reduce oil carryover and have radial cooling fins to efficiently remove the heat of compression.

**BALANCED V-TYPE CYLINDER ARRANGEMENT** – offers improved cylinder and valve cooling and smoother operation.

**UNIQUE OVERHUNG CRANKSHAFT DESIGN** – Vector's unique overhung crankshaft is fully supported on the flywheel end by two heavy-duty ball bearings running on a replaceable crank pin bushing. If a bearing fails, the crankshaft is not damaged. A crankcase cover plate on the non-drive end can be quickly removed to enable easy internal inspection.

**CENTRIFUGAL TYPE STARTING UNLOADER** – eliminates the need for unloading solenoid valves and their related wiring.

**FULL RANGE OF ELECTRICAL CLASSIFICATIONS** – Vector compressor packages are available for unclassified, Class 1 – Division 2 and Class 1 – Division 1 explosion proof areas.



### SPECIFICATIONS

#### BARE COMPRESSOR PUMPS C/W FLYWHEEL

MODEL	HORSEPOWER RANGE	MAXIMUM PRESSURE (PSIG)	BORE	STROKE	APPROX WEIGHT (LBS)
V1-231	2 – 3	500	3" & 1.25"	2.75"	150
V1-7T2	7.5 – 10	500	5" & 2"	4"	425
V1-15T2	10 – 15	1000	5.5" & 3" & 1.63"	4"	650

#### BASE MOUNTED AIR COMPRESSORS (LESS AIR RECEIVER)

UNIT MODEL	PUMP MODEL	HP	MAX OPER PRES (PSIG)	NOMINAL CAPACITY (ACFM @ MAX. PRESS.)	APPROX WEIGHT (LBS)
2VAB000E3	V1-231	2	500	4.2	300
3VAB000E3	V1-231	3	500	4.8	310
7VBB000E3	V1-7T2	7.5	500	16.2	890
10VBB000E3	V1-7T2	10	500	21.6	900
10VCB000E3	V1-15T2	10	800	22.9	1150
15VCB000E3	V1-15T2	15	1000	30.8	1180

#### TANK MOUNTED AIR COMPRESSORS

UNIT MODEL	PUMP MODEL	HP	TANK SIZE	TANK MAWP (PSIG)	MAX OPERATING PRESS. (PSIG)	NOMINAL CAPACITY (ACFM @MAX PRESS.)*
2VAH030E3-270	V1-231	2	30	300	270	5.1
2VAH080E3-270	V1-231	2	80	300	270	5.1
7VBH080E3-270	V1-7T2	7.5	80	300	270	22.5
7VBH240E3-500	V1-7T2	7.5	240	550	500	16.2
10VBH240E3-500	V1-7T2	10	240	550	500	21.6
15VCH240E3-500	V1-15T2	15	240	550	500	37.7

\*Capacity figures shown are nominal and will vary with site conditions. Actual compressor speeds will be selected based on the required discharge pressure.



Toll Free (855) 417-2396  
Fax (250) 417-3183  
info@appliedcompression.com

**CANADIAN ADDRESS**  
400 Industrial Road A  
Cranbrook, BC V1C 4Z3

**U.S. ADDRESS**  
PO Box 111  
Eastport, ID 83826