

COMMANDAIR | 1-2 HP RECIPROCATING COMPRESSORS

Pump Model BVA & BVAS

The Solution to Your Application

Champion offers a full line of compact Commandair reciprocating air compressors, which are manufactured to the same quality standards as our larger, industrial models. These packages are sized for smaller air requirements such as small industrial plants, schools, small automotive centers, and do-it-yourselfers.

Standard Features

- Cast iron cylinders
- Lightweight aluminum alloy pistons
- Two compression rings and one oil-control ring
- High density, high silicon die-cast aluminum alloy connecting rods
- High-quality steel reed-type valves
- Precision balanced flywheel
- Rugged ductile iron crankshaft
- Rugged cast-iron crankcase
- Convenient oil level sight gauge
- Removable cartridge-type intake filter
- 1-Year package warranty
- 1-Year pump warranty

Available Options

- Pneumatic or electric tank drain
- Vibration isolators



BARE PUMP

MODEL	DIMENSIONS L x W x H INCHES	APPROX. SHIP WEIGHT LBS.	BORE DIA. INCHES	STROKE INCHES	# OF CYLINDERS	OIL CAPACITY QTS.	MIN/MAX PUMP RPM
BVA & BVAS	23.4 x 10.4 x 10.2	48	2.6	2	2	.5	500/1000

SIMPLEX BASE MOUNTED UNITS

MOTOR HP	COMPRESSOR PUMP MODEL	COMMANDAIR CESCAA	DIMENSIONS L x W x H INCHES	APPROX. SHIP WEIGHT LBS.	BORE DIA. INCHES	STROKE INCHES	# OF CYLIN- DERS	BOLT DOWN L x W INCHES	90 PSI	
									RPM	CFM DEL'Y
1	BVAS	BMBVAS10	38.8 x 20.6 x 20.5	93	2.38	2	2	25.6 x 14.5	505	3.4
1.5	BVA	BMBVA15	38.8 x 20.6 x 20.5	95	2.38	2	2	25.6 x 14.5	731	5.3
2	BVA	BMBVA20	38.8 x 20.6 x 20.5	98	2.38	2	2	25.6 x 14.5	929	6

SIMPLEX VERTICAL TANK MOUNTED UNITS

MOTOR HP	TANK CAPACITY GAL.	COMPRESSOR PUMP MODEL	COMMANDAIR CESCAA	DIMENSIONS L x W x H INCHES	APPROX. SHIP WEIGHT LBS.	BORE DIA. INCHES	STROKE INCHES	# OF CYLIN- DERS	BOLT DOWN L x W INCHES	90 PSI	
										RPM	CFM DEL'Y
1	30	BVAS	30BVAS10V	32.3 x 22.4 x 56.6	130	2.38	2	1	4 on 18" BC	505	3.4
1.5	30	BVA	30BVA15V	32.3 x 22.4 x 56.6	218	2.38	2	2	4 on 18" BC	731	5.3
2	30	BVA	30BVA20V	32.3 x 22.4 x 56.6	220	2.38	2	2	4 on 18" BC	929	6

SIMPLEX HORIZONTAL TANK MOUNTED UNITS

MOTOR HP	TANK CAPACITY GAL.	COMPRESSOR PUMP MODEL	COMMANDAIR CESCAA	DIMENSIONS L x W x H INCHES	APPROX. SHIP WEIGHT LBS.	BORE DIA. INCHES	STROKE INCHES	# OF CYLIN- DERS	BOLT DOWN L x W INCHES	90 PSI	
										RPM	CFM DEL'Y
1	30	BVAS	30BVAS10H	42 x 21 x 33.4	203	2.38	2	2	20 x 12.8	505	3.4
1.5	30	BVA	30BVA15H	42 x 21 x 33.4	205	2.38	2	2	20 x 12.8	731	5.3
1.5	60	BVA	60BVA15H	51 x 23.5 x 41	295	2.38	2	2	28 x 16.5	731	5.3
2	30	BVA	30BVA20H	42 x 21 x 33.4	208	2.38	2	2	20 x 12.8	929	6

SPRINKLER SYSTEMS: 40 PSIG SYSTEM (30 MINUTES MAXIMUM PUMPING TIME)

MOTOR HP	MAX VOLUME GALLON	COMPRESSOR PUMP MODEL	COMMANDAIR CEWCAA	DIMENSIONS L x W x H INCHES	APPROX. SHIP WEIGHT LBS.	BORE DIA. INCHES	STROKE INCHES	# OF CYLIN- DERS	BOLT DOWN L x W INCHES	40 PSI	
										RPM	CFM DEL'Y
1.5	470	BVA	BMBVA-15SS	38.8 x 20.6 x 20.5	93	2.38	2	2	25.6 x 14.5	731	5.7
2	602	BVA	BMBVA-20SS	38.8 x 20.6 x 20.5	95	2.38	2	2	25.6 x 14.5	939	7.3

CHAMPION

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