

Champion® CA-Series S3–S10 Industrial Rotary Scroll Air Compressors

SKU: CA-SERIES-INDUSTRIAL

Price: ?0.00



Description

The CA-Series of industrial grade compressors provide the reliable, high quality compressed air that you've come to expect from Champion. Designed specifically for industrial and laboratory applications that require 100% oil-less air. CA-Series compressors offer a wide selection of configurations and top-quality available options. No matter the application, Champion gets the job done.

Standard Equipment

- Continuous operation, 100% duty cycle
- 5 micron industrial grade intake air filter
- ASME coded receiver
- Premium efficient TEFC motor/s
- Unique tip seal design
- Re-greasable bearings
- Integral cooling fan
- Easy accessibility for maintenance
- 1-year package warranty
- 1-year airend warranty

Available Options

- Galvanized receiver
- Vinyl (epoxy) lined receiver

- Tank Sizes
 - 30 gallon
 - 80 gallon
 - 120 gallon
 - 240 gallon (S5–S10 only)
- Electronic tank drain
- Mass. code fittings
- Starter
- High temperature switch
- Dryer Options
 - Refrigerated dryer
 - Desiccant dryer

Bare Airend Specifications

Model	HP	Dimensions (L x W x H) - in	Shipping Weight - lb
SC3	3	13.6 x 14.7 x 11.4	45
SC5	5	13.6 x 14.7 x 11.4	45
SC7	7.5	16.3 x 16.1 x 13.9	61
SC10	10	16.8 x 16.8 x 13.9	62

CA-Series S3: Simplex

Model	HP	Base or Tank Capacity - gal	Dimensions (L x W x H) - in	Shipping Weight - lb	116 psi RPM	116 psi Rating - ACFM	140 psi RPM	140 psi Rating - ACFM
Simplex 5		Base	38 x 21 x 17	260	2200	9.2	1950	7.6
		30	43 x 24 x 38	535				
		80	67 x 24 x 42	660				
		120	71 x 27 x 46	760				

CA-Series S5: Simplex | Duplex | Triplex | Quadraplex

Model	HP	Base or Tank Capacity - gal	Dimensions (L x W x H) - in	Shipping Weight - lb	116 psi RPM	116 psi Rating - ACFM	140 psi RPM	140 psi Rating - ACFM
Simplex	5	Base	38 x 21 x 17	260	3100	13.9	2900	12.5
		30	43 x 24 x 38	535				
		80	67 x 24 x 42	660				
		120	71 x 27 x 46	760				
Duplex	5	Base	48 x 22 x 36.5	713	3100	27.8	2900	25.0
		80	65 x 26 x 61.5	1110				
		120	69 x 27 x 65.5	1210				
		240	86 x 33 x 71.5	1430				
Triplex	5	Base	48 x 22 x 54.5	1062	3100	41.7	2900	37.5

Quadraplex 5	Base	48 x 22 x 72	1415	3100	55.6	2900	50.0
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CA-Series S7: Simplex | Duplex | Triplex | Quadraplex

Model	HP	Base or Tank Capacity - gal	Dimensions (L x W x H) - in	Shipping Weight - lb	116 psi RPM	116 psi Rating - ACFM	140 psi RPM	140 psi Rating - ACFM
Simplex	7.5	Base	38 x 21 x 17	340	3340	22.1	2650	16.0
		30	43 x 24 x 38	615				
		80	67 x 24 x 42	740				
		120	71 x 27 x 46	840				
Duplex	7.5	Base	48 x 22 x 36.5	873	3340	44.2	2650	32.0
		80	65 x 26 x 61.5	1270				
		120	69 x 27 x 65.5	1370				
		240	86 x 33 x 71.5	1590				
Triplex	7.5	Base	48 x 22 x 54.5	1302	3340	66.3	2650	48.0
Quadraplex	7.5	Base	48 x 22 x 72	1735	3340	88.4	2650	64.0

CA-Series S10: Simplex | Duplex | Triplex | Quadraplex

Model	HP	Base or Tank Capacity - gal	Dimensions (L x W x H) - in	Shipping Weight - lb	116 psi RPM	116 psi Rating - ACFM	140 psi RPM	140 psi Rating - ACFM
Simplex	10	Base	38 x 21 x 17	375	3750	31.6	3216	25.3
		30	43 x 24 x 38	650				
		80	67 x 24 x 42	775				
		120	71 x 27 x 46	875				
Duplex	10	Base	48 x 22 x 36.5	943	3750	63.2	3216	50.6
		80	65 x 26 x 61.5	1340				
		120	69 x 27 x 65.5	1440				
		240	86 x 33 x 71.5	1660				
Triplex	10	Base	48 x 22 x 54.5	1407	3750	94.8	3216	75.9
Quadraplex	10	Base	48 x 22 x 72	1875	3750	126.4	3216	101.2

- Bare Airends are available for service replacements.
- Simplex CFM values are doubled for duplex units. Duplex units have two motors and two pumps on one base/tank.
- Simplex CFM values are tripled for triplex units. Triplex units have three airends and three motors stacked on a common base.
- Simplex CFM values are quadrupled for quadraplex units. Quadraplex units have four airends and four motors stacked on a common base.