

# Champion® CA-Series ES Industrial Rotary Scroll Air Compressors

**SKU:** CA-SERIES-ES

**Price:** ?0.00



## Description

### Simplex | Duplex | Triplex | Quadraplex Configurations

The Champion® CA-Series ES fully enclosed scroll compressor packages are available with 1-4 motors and airends to deliver the air you need for your specific application. Simplex compressor units can be tank-mounted. Larger compressors can be equipped with remote air receivers.

- CA-SERIES ES (SIMPLEX) produces 13.7–31.0 ACFM @ 116 psi or 12.5–25.3 ACFM @ 140 psi (60 Hz)
- CA-SERIES ES D (DUPLEX) produces 27.4–62.0 ACFM @ 116 psi or 25.0–50.6 ACFM @ 140 psi (60 Hz)
- CA-SERIES ES T (TRIPLEX) produces 41.1–93.0 ACFM @ 116 psi or 37.5–75.9 ACFM @ 140 psi (60 Hz)
- CA-SERIES ES Q (QUADRAPLEX) produces 54.8–124 ACFM @ 116 psi or 50.0–101.0 ACFM @ 140 psi (60 Hz)

## Standard Equipment

- Continuous Operation, 100% Duty Cycle
- 100% Oil-Less Rotary Scroll Air End
- Unique Tip Seal Design
- Re-Greasable Bearings
- Integral Cooling Fan
- Sound Attenuating Enclosure

- 5 Micron Industrial Grade Intake Air Filter
- ASME Coded Receiver (tank mounted models)
- Premium Efficiency TEFC Motor
- Industrial Grade Air Cooled Aftercoolers
- Vibration Isolators
- High Flow Package Cooling Fan
- Moisture Separator
- Easy Accessibility for Maintenance

## Available Options

- Tank Mounted Receiver (simplex units only)
  - 30 gallon
  - 80 gallon
  - 120 gallon
- Remote Air Receiver
  - 80 gallon
  - 120 gallon
  - 240 gallon
- Receiver Options
  - Galvanized
  - Vinyl (epoxy) Lined
- Electronic Tank Drain
- High Temperature Switch
- Mass. Code Fittings
- Deluxe HMI Controller
- Voltage
  - 208 V / E1 / 60 Hz (for 5 and 7.5 hp motors only)
  - 230 V / E1 / 60 Hz (for 5 and 7.5 hp motors only)
  - 208 V / E3 / 60 Hz
  - 230 V / E3 / 60 Hz
  - 380 V / E3 / 60 Hz
  - 460 V / E3 / 60 Hz
  - 575 V / E3 / 60 Hz
  - 200 V / E3 / 50 Hz
  - 400 V / E3 / 50 Hz

## Bare Airend Specifications

Model	HP	Dimensions (L x W x H) - in	Shipping Weight - lb
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 Simplex 60 Hz

Model	HP	Base or Tank Capacity - gal	Dimensions (L x W x H) - in	Shipping Weight - lb	Noise Level dB (A)	116 psi RPM	116 psi Rating - ACFM	140 psi RPM	140 psi Rating - ACFM
ES5	5	Base	46 x 30 x 28	695	65	3100	13.7	2900	12.5
		30	48 x 30 x 49	920	64				
		80	66 x 30 x 53	1045	64				
		120	70 x 30 x 57	1145	64				
ES7	7.5	Base	46 x 30 x 28	775	70	3340	21.5	2650	15.8
		30	48 x 30 x 49	1000	69				
		80	66 x 30 x 53	1125	69				
		120	70 x 30 x 57	1225	69				
ES10	10	Base	46 x 30 x 28	810	73	3750	31.0	3216	25.3
		30	48 x 30 x 49	1035	72				
		80	66 x 30 x 53	469	72				
		120	70 x 30 x 57	1260	72				

Simplex units have one motor and one airend.

### CA-Series Duplex 60 Hz

Model	Total HP	Base or Tank Capacity - gal	Dimensions (L x W x H) - in	Shipping Weight - lb	Noise Level dB (A)	116 psi RPM	116 psi Rating - ACFM	140 psi RPM	140 psi Rating - ACFM
ES10 D	10	Base	56 x 34 x 55	1240	64	3100	27.4	2900	25.0
ES15 D	15	Base	56 x 34 x 55	1320	68	3340	43.0	2650	31.6
ES20 D	20	Base	56 x 34 x 55	1355	71	3750	62.0	3216	50.6

Duplex units have two motors and two airends.

### CA-Series Triplex 60 Hz

Model	Total HP	Base or Tank Capacity - gal	Dimensions (L x W x H) - in	Shipping Weight - lb	Noise Level dB (A)	116 psi RPM	116 psi Rating - ACFM	140 psi RPM	140 psi Rating - ACFM
ES15 T	15	Base	65 x 34 x 77	1386	69	3100	41.1	2900	37.5
ES22 T	22	Base	65 x 34 x 77	1624	66	3340	64.5	2650	47.4

ES30 T	30	Base	65 x 34 x 77	1713	69	3750	93.0	3216	75.9
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Triplex units have three motors and three pumps on one common base.

### CA-Series Quadraplex 60 Hz

Model	Total HP	Base or Tank Capacity - gal	Dimensions (L x W x H) - in	Shipping Weight - lb	Noise Level dB (A)	116 psi RPM	116 psi Rating - ACFM	140 psi RPM	140 psi Rating - ACFM
ES20 Q 20		Base	65 x 34 x 77	1535	70	3100	54.8	2900	50.0
ES30 Q 30		Base	65 x 34 x 77	1853	67	3340	86.0	2650	63.2
ES40 Q 40		Base	65 x 34 x 77	1972	70	3750	124.0	3216	101.0

Quadraplex units have four motors and four pumps on one common base.