

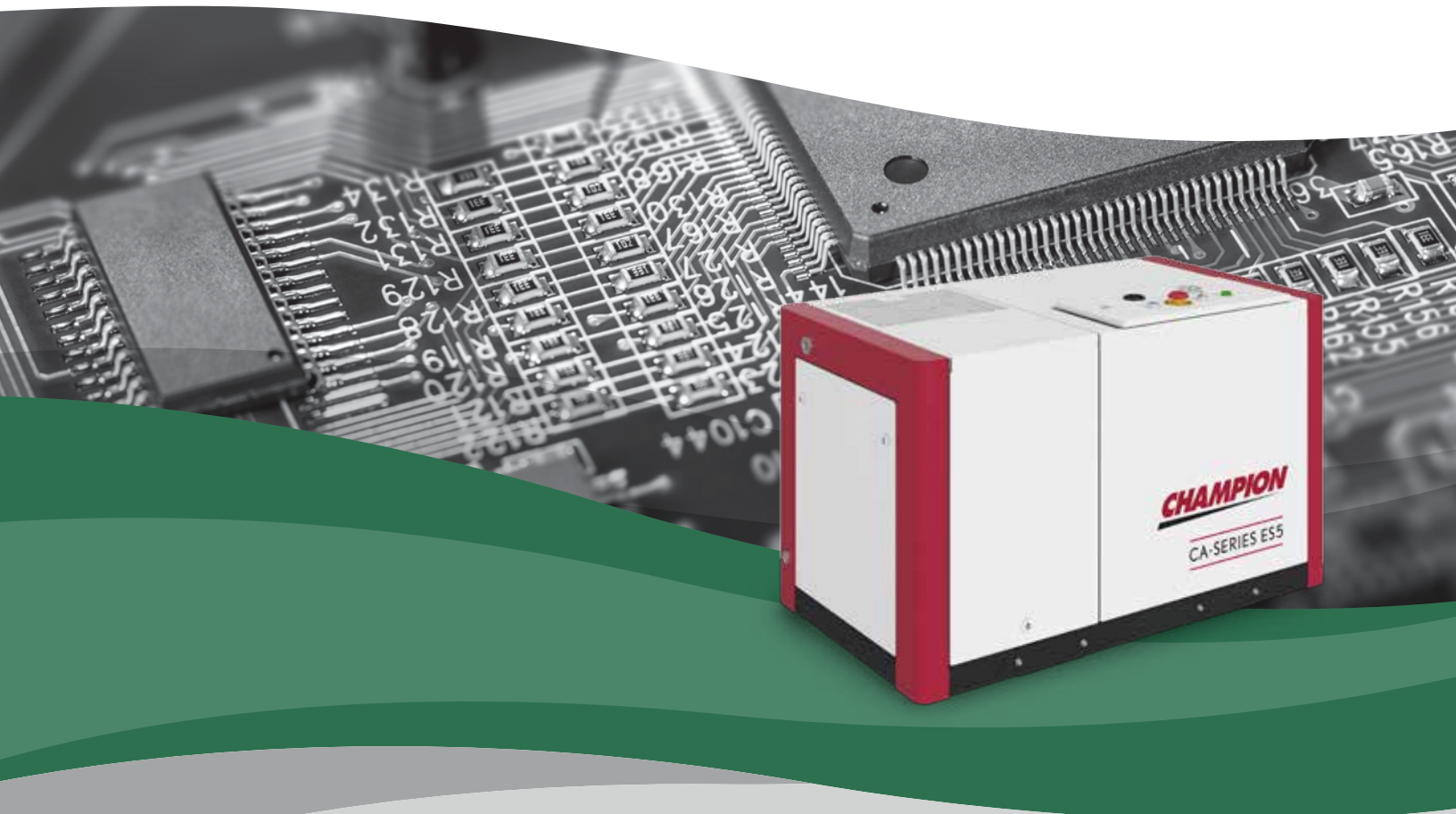
INDUSTRIAL | SIMPLEX ROTARY SCROLL AIR COMPRESSORS

## CA-Series ES

CA-Series ES fully enclosed scroll compressor packages provide the reliable, high quality compressed air that you've come to expect from Champion. CA-Series ES compressors come complete with a sound attenuating enclosure, along with a selection of configurations and top quality available options. Champion built this product series specifically for industrial and laboratory applications that require 100% oil-less air. Featuring a clean, simple and serviceable layout, the CA-Series ES is ready for your specific application requirements. No matter the application, Champion gets the job done.

### 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 Efficient TEFC Motor
- Industrial Grade Air Cooled Aftercoolers
- Vibration Isolators
- High Flow Package Cooling Fan
- Moisture Separator
- Easy Accessibility for Maintenance
- Control Panel
- 1 Year Package Warranty
- 1 Year Airend Warranty



**BARE AIREND**

MODEL	HP	DIMENSIONS L x W x H	APPROX. SHIP WEIGHT
		INCHES MM	LBS KG
SC5	5	13.6 x 14.7 x 11.4 345 x 373 x 289	45 20
SC7	7.5	16.3 x 16.1 x 13.9 414 x 408 x 353	61 27
SC10	10	16.8 x 16.8 x 13.9 426 x 426 x 353	62 28

**Available Options**

- Tank Mounted Receiver 30, 80 or 120 Gallon
- Remote Air Receiver 80, 120 or 240 Gallon
  - Galvanized Receiver
  - Vinyl (Epoxy) Lined Receiver
- Electronic Tank Drain
- Mass. Code Fittings
- High Temp Switch
- Deluxe HMI Controller

**CA-SERIES SIMPLEX 60HZ**

MODEL	TOTAL HP	MOTOR HP	BASE OR TANK CAPACITY GAL.	IDENTIFICATION NUMBER	DIMENSIONS L x W x H	APPROX. SHIP WEIGHT	NOISE LEVEL DB(A)	116 PSI 8 BAR RATING		140 PSI 10 BAR RATING	
					INCHES MM	LBS KG		RPM	ACFM M <sup>3</sup> /H	RPM	ACFM M <sup>3</sup> /H
ES5	5	5	Base	BCAS5-Q	46 x 30 x 28 1168 x 762 x 711	695 315	65	3100	13.7 23.3	2900	12.5 21.2
			30	HCAS5-3-Q	48 x 30 x 49 1219 x 762 x 1245	920 417					
			80	HCAS5-8-Q	66 x 30 x 53 1676 x 762 x 1346	1045 474					
			120	HCAS5-12-Q	70 x 30 x 57 1778 x 762 x 1448	1145 519					
ES7	7.5	7.5	Base	BCAS7-Q	46 x 30 x 28 1168 x 762 x 711	775 352	70	3340	21.5 36.5	2650	15.8 26.8
			30	HCAS7-3-Q	48 x 30 x 49 1219 x 762 x 1245	1000 454					
			80	HCAS7-8-Q	66 x 30 x 53 1676 x 762 x 1346	1125 510					
			120	HCAS7-12-Q	70 x 30 x 57 1778 x 762 x 1448	1225 556					
ES10	10	10	Base	BCAS10-Q	46 x 30 x 28 1168 x 762 x 711	810 367	73	3750	31.0 52.7	3216	25.3 43.0
			30	HCAS10-3-Q	48 x 30 x 49 1219 x 762 x 1245	1035 469					
			80	HCAS10-8-Q	66 x 30 x 53 1676 x 762 x 1346	1160 526					
			120	HCAS10-12-Q	70 x 30 x 57 1778 x 762 x 1448	1260 572					

Simplex units have one motor and one airend.



1301 North Euclid Avenue  
Princeton, Illinois 61356 USA  
866-276-4330  
[www.ChampionPneumatic.com](http://www.ChampionPneumatic.com)



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