

INDUSTRIAL | 7.5 HP ROTARY SCROLL AIR COMPRESSORS

## CA-Series S7

The CA-Series 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
- Unique tip seal design
- Low sound levels and vibration
- Re-greasable bearings
- Integral cooling fan
- Easy accessibility for maintenance
- 1-Year package warranty
- 1-Year airend warranty

### Available Options

- Tank Sizes—30, 80, 120 or 240 gallon
  - Galvanized receiver
  - Vinyl (epoxy) lined receiver
- Electronic tank drain
- Mass. code fittings
- Starter
- High temp switch
- Dryer options
  - Refrigerated dryer
  - Desiccant dryer



## BARE AIREND

MODEL	DIMENSIONS L x W x H IN.	APPROX. SHIP WEIGHT LBS
SC7	16.3 x 16.1 x 13.9	61

## SIMPLEX

MOTOR HP	BASE OR TANK CAPACITY GAL.	IDENTIFICATION NUMBER	DIMENSIONS L x W x H IN.	APPROX. SHIP WEIGHT LBS	116 PSI RATING		140 PSI RATING	
					RPM	ACFM	RPM	ACFM
7.5	Base	BCAS7	38 x 21 x 17	340	3340	22.1	2650	16
7.5	30	HCAS7-3	43 x 24 x 38	615	3340	22.1	2650	16
7.5	80	HCAS7-8	67 x 24 x 42	740	3340	22.1	2650	16
7.5	120	HCAS7-12	71 x 27 x 46	840	3340	22.1	2650	16

## DUPLEX

MOTOR HP	BASE OR TANK CAPACITY GAL.	IDENTIFICATION NUMBER	DIMENSIONS L x W x H IN.	APPROX. SHIP WEIGHT LBS	116 PSI RATING		140 PSI RATING	
					RPM	ACFM	RPM	ACFM
7.5	Base	BCAS7D	48 x 22 x 36.5	873	3340	44.2	2650	32
7.5	80	HCAS7D-8	65 x 26 x 61.5	1270	3340	44.2	2650	32
7.5	120	HCAS7D-12	69 x 27 x 65.5	1370	3340	44.2	2650	32
7.5	240	HCAS7D-24	86 x 33 x 71.5	1590	3340	44.2	2650	32

Simplex CFM values are doubled for duplex units. Duplex units have two motors and two pumps on one base/tank.

## TRIPLEX

MOTOR HP	BASE OR TANK CAPACITY GAL.	IDENTIFICATION NUMBER	DIMENSIONS L x W x H IN.	APPROX. SHIP WEIGHT LBS	116 PSI RATING		140 PSI RATING	
					RPM	ACFM	RPM	ACFM
7.5	Base	BCAS7T	48 x 22 x 54.5	1302	3340	66.3	2650	48

Simplex CFM values are tripled for triplex units. Triplex units have three airends and three motors stacked on a common base.

## QUADRAPLEX

MOTOR HP	BASE OR TANK CAPACITY GAL.	IDENTIFICATION NUMBER	DIMENSIONS L x W x H IN.	APPROX. SHIP WEIGHT LBS	116 PSI RATING		140 PSI RATING	
					RPM	ACFM	RPM	ACFM
7.5	Base	BCAS7Q	48 x 22 x 72	1735	3340	88.4	2650	64

Simplex CFM values are quadrupled for Quadraplex units. Quadraplex units have four airends and four motors stacked on a common base.

# CHAMPION®

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



©2017 Gardner Denver, Inc. Printed in U.S.A.  
CLCS-CA-IND-S7 2nd Ed. 2/17

