

Champion® CA-Series S5, S7 & S10 Medical Rotary Scroll Air Compressors

SKU: CA-SERIES-MEDICAL

Price: ?0.00



Description

Standard Equipment

- Continuous operation, 100% duty cycle
- Mounted control panel
 - MedTrol: duplex
 - MediTrol Plus HMI: triplex & quad
- Vinyl lined receiver
- Extremely low noise and vibration
- Premium efficient TEFC motor
- ASME Pressure Relief Valve
- Air-Cooled aftercooler with separator and trap
- Remote Inlet Filter
- Receiver sight and pressure gauges

Available Options

- Galvanized Receiver
- Remote Tank Available in
 - 80 gallon
 - 120 gallon
 - 240 gallon
- Medical desiccant dryer system with dew point and CO monitoring

- MediTrol Plus HMI control panel (duplex)

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 S5: 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 - ICFM	140 psi RPM	140 psi Rating - ICFM
Duplex	5	Base	72 x 48 x 43.5	1124	3100	14.0	2900	12.7
		80	65 x 34 x 61.5	1400				
		120	69 x 34 x 65.5	1500				
		240	86 x 40 x 71.5	1700				
Triplex	5	Base with 80 Remote	129 x 48 x 69	2238	3100	28.2	2900	25.4
Quadraplex	5	Base with 80 Remote	129 x 48 x 69	3011	3100	42.3	2900	38.1

CA-Series S7: 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 - ICFM	140 psi RPM	140 psi Rating - ICFM
Duplex	7.5	Base	72 x 48 x 51	1240	3340	22.4	2650	16.2
		80	65 x 34 x 61.5	1400				
		120	69 x 34 x 65.5	1500				
		240	86 x 40 x 71.5	1700				
Triplex	7.5	Base with 80 Remote	129 x 48 x 69	2251	3340	44.8	2650	32.4
Quadraplex	7.5	Base with 80 Remote	129 x 48 x 69	3267	3340	67.2	2650	48.6

CA-Series S10: 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 - ICFM	140 psi RPM	140 psi Rating - ICFM
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Duplex	10	Base	73 x 48 x 53.5	1322	3750	32.3	3216	27.8
		80	65 x 34 x 61.5	1400				
		120	69 x 34 x 65.5	1500				
		240	86 x 40 x 71.5	1700				
Triplex	10	Base with 80 Remote	129 x 48 x 69	2567	3750	64.6	3216	55.6
Quadraplex	10	Base with 80 Remote	129 x 70 x 69	3544	3750	96.9	3216	83.4

- Bare Airends are available for service replacements.
- Duplex units have two motors and two pumps on one base/tank. Performance based on full system operation with one compressor in reserve per NFPA 99.
- Triplex units have three airends and three motors stacked on a common base. Performance based on full system operation with one compressor in reserve per NFPA 99. Optional, larger 120 or 240 gallon remote tanks available.
- Quadraplex units have four airends and four motors stacked on a common base. Performance based on full system operation with one compressor in reserve per NFPA 99. Optional, larger 120 or 240 gallon remote tanks available.