



CapKold® Cook-Chill Production Systems

Accessories

Compressed Air System

- CKAC-3-6H [3HP, 60 Gal. Horizontal Tank]
- CKAC5-8H [5HP, 80 Gal. Horizontal Tank]
- CKAC7.5-12H [7.5HP, 120 Gal. Horizontal Tank]
- CKAC10-12H [10HP, 120 Gal. Horizontal Tank]
- CKAC15-12H [15HP, 120 Gal. Horizontal Tank]

General Description:

CapKold® Model: CKAC____ (Specify size) air compressor, designed to provide sufficient volume of clean, high pressure compressed air at 90 PSIG, necessary for all air powered or air activated equipment and components in the CapKold® Cook-Chill Production Kitchen.

Air Compressor Sizing Guide:

Review proposed equipment package and note those components that utilize compressed air. Multiply flow rate by the number of units, then total the far right column for maximum SCFM total required.

System Component	Flow Rate	X No./Units	= subtotal
Kettle 3" Air Valve	1 scfm		
CKPF/3 Pump Fill	10 scfm		
CVE Clipper	8 scfm		
CVW Clipper	8 scfm		
Batch Tumble Chiller	1 scfm		
CKTC/CT 50 or 100	1 scfm		
CKCT-5, 10 or 20	1 scfm		
Other:	scfm		
Total All Components Specified			

Notes:

- If CKPF/3 Pump/Fill [with clipper] and additional Model CVE or CVW vacuum clipper will not be used simultaneously, 8 SCFM may be deducted from total air
- If multiple kettles with air valves are specified, typically only one will require air during product transfer using the CKPF/3 Pump/Fill
- Vertical Tank models can be specified in installations where available space in utility room is limited. Vertical and horizontal tank units of the same size have similar performance

Air Compressor Model Guide:

To ensure sufficient compressed air volume, specify a compressor with a CFM delivery rate equal to or higher than the total cfm required for all system components and applications listed above.

Model No.	CFM	HP	Capacity (gallons)
CKAC3-6	9.7	3	60
CKAC5-8	16.5	5	80
CKAC7.5-12	22.9	7.5	120
CKAC10-12	34.8	10	120
CKAC15-12	49	15	120

Air Compressor Construction [all models]:

- Splash lubricated reciprocating compressor with cast iron cylinders and heads
- Alloy steel, self-cleaning reed valves
- NEMA rated electric motor with enclosed, hinged belt guard
- Air intake filter/silencer

Control Systems:

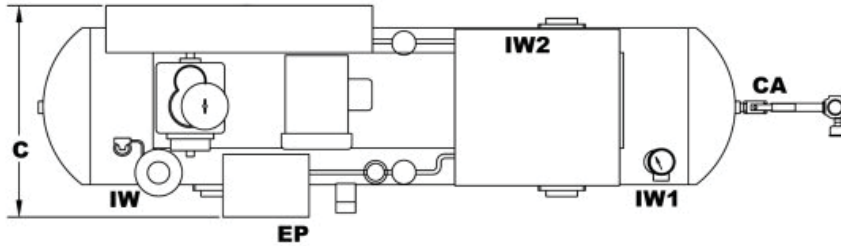
- Automatic start-stop operation
- 0-200 PSIG air pressure gauge on tank
- Manual drain tank
- Refrigerated air dryer
- Automatic tank drains
- Vibration isolators
- Mounted and wired magnetic starters
- Low Oil Monitor
- Air cooled after-cooler (mounted)

Options:

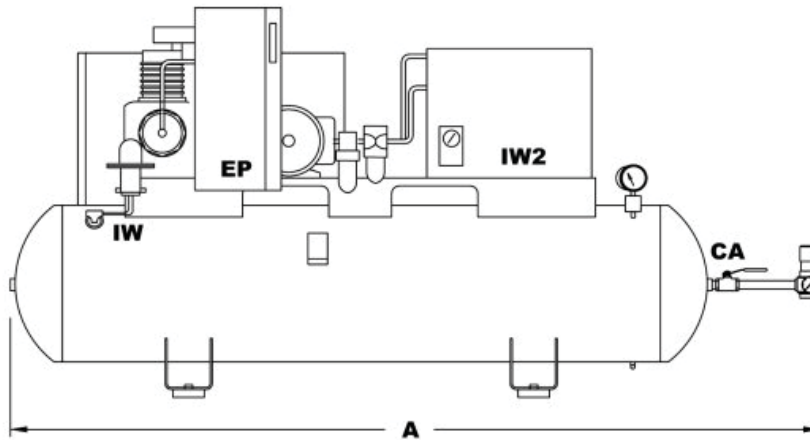
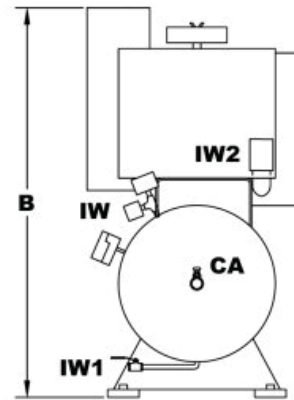
- Vertical air receiver tank, refrigerated air dryer would ship loose and mount separately.

AIR COMPRESSOR WITH STARTER, DISCONNECT, AIR DRYER, FILTERS AND REGULATOR

160677 REV A


TOP VIEW

AIR FILTERS ARE SUPPLIED AND INSTALLED


FRONT VIEW

SIDE VIEW
PHYSICAL DIMENSIONS

MODEL	A	B	C	RECOMMENDED CLEARANCES			
				FRONT	RIGHT	LEFT	REAR
CKAC3-6H	70"	50"	31-1/2"	48"	12"	12"	12"
CKAC5-8H	77"	50"	31-1/2"	48"	12"	12"	12"
CKAC7.5-12H	100-1/2"	50"	27"	48"	12"	12"	12"
CKAC10-12H	100-1/2"	55"	28-1/4"	48"	12"	12"	12"
CKAC15-12H	100-1/2"	55"	28-1/4"	48"	12"	12"	12"

UTILITY CONNECTIONS (ALL MODELS)

SYMBOL	CA	IW	IW1	IW2	EP
DESCRIPTION	COMPRESSED AIR OUTLET	AUTOMATIC DRAIN	MANUAL TANK DRAIN	REFRIGERATED DRYER TANK	POWER SUPPLY
CONNECTION	3/4" NPT	1/4" NPT	3/8" NPT	1/4" HOSE	3/4"

UTILITY REQUIREMENTS

MODEL	COMPRESSED AIR @ 175 PSI	ELECTRICAL		WEIGHT (lbs.)
		HP	208, 230/460/3/60	SHIPPING
CKAC3-8H	9.7 CFM	3	12 A, 11 A, 6 A	580
CKAC5-8H	16.5 CFM	5	20 A, 19 A, 11 A	630
CKAC7.5-12H	22.9 CFM	7.5	29 A, 26 A, 15 A	920
CKAC10-12H	34.8 CFM	10	36 A, 32 A, 18 A	990
CKAC15-12H	49 CFM	15	48 A, 44 A, 22 A	1080

NOTE: DO NOT INSTALL OUTDOORS OR IN A FREEZING AMBIENT ENVIRONMENT OR A LOCATION THAT EXCEEDS 100° F.