



# CAPKOLD® COOK-CHILL SYSTEMS

## COMPRESSED AIR SYSTEM MODEL CKAC

CapKold® 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.

PROJECT NAME:

LOCATION:

ITEM NO:

QTY:

MODEL NO:

AIA NO:

SIS NO:

### AVAILABLE MODELS:

- 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)

### 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		
<b>Total All Components Specified</b>			

### 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)

**ORIGIN OF MANUFACTURE:** Designed and manufactured in the United States.



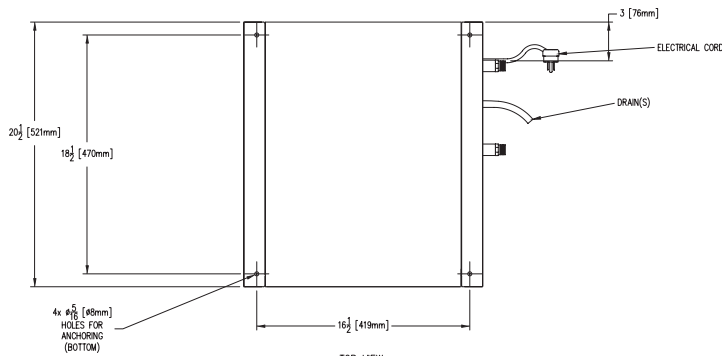
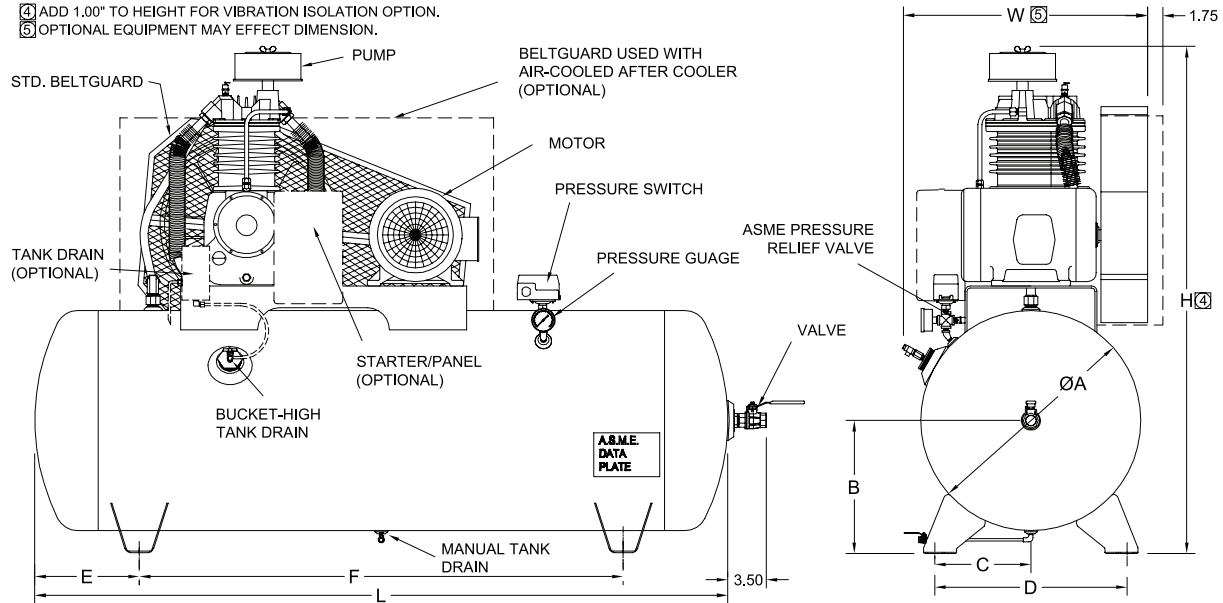
### OPTIONS/ACCESSORIES:

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

RECVR (Gallons)	VALVE (N.P.T. Size)	DIMENSIONS								
		A (Dia)	B	C	D	E	F	H	L	W
60	1/2"	20.00	12.00	8.25	16.50	10.00	28.00	48.62	48.00	23.12
80	1/2"	20.00	12.00	8.25	16.50	9.50	44.00	48.62	63.00	23.12
120	3/4"	24.00	14.00	10.31	20.62	12.50	42.00	52.50	67.00	25.00


**NOTES:**

1. DO NOT SCALE PRINT, TYPICAL DIMENSIONS ONLY.
2. SPECIFICATIONS AND DIMENSIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE OR OBLIGATION.
3. ALL DIMENSIONS IN INCHES.
- ④ ADD 1.00" TO HEIGHT FOR VIBRATION ISOLATION OPTION.
- ⑤ OPTIONAL EQUIPMENT MAY EFFECT DIMENSION.



NOTES:  
1. MINIMUM CLEARANCE THAT MUST BE MAINTAINED FOR FREE AIR FLOW AND SERVICABILITY.

