



# CHILLERS

## RAPID CHILLER MODELS CKHPC

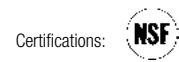
The CKHPC-75, 100 and 200 Rapid Hot Product Chillers are designed to chill up to 75, 100 and 200 gallons of hot food in casings from 135°F to 41°F in less than 4 hours. This specially designed chiller supplies a 35 - 41°F water bath for cooling from below the casings in a turbulent motion which effectively chills soups, sauces and other products typically cooked in kettles. It is also excellent for defrosting any foods packaged in casings. The unit requires a remote mounted 8hp, 15hp or 30hp refrigeration system which are sold separately.

### AVAILABLE MODELS:

CKHPC-75  
CKHPC-100  
CKHPC-200

### STANDARD FEATURES:

- Type 304 stainless steel tank with 2" radius corners and tank bottom sloped
- Chills 75, 100 or 200 gallons of hot product with 3" additional tank freeboard
- Interior tank grate, lift out design. Enhances loading and unloading
- Tube and Shell Heat Exchanger shall be furnished to cool the water
- Automatic fill valve and water level control shall be provided
- CKHPC-75/100 = 5 HP, CKHPC-200 = 7.5 HP stainless steel agitation pump with stainless steel agitation piping
- Overflow connection
- 2" diameter stainless steel valve for rapid tank draining
- Adjustable sanitary flange feet
- Stainless steel NEMA 4X control box with independent cooling and agitation off/on switches, pump motor controls, and short circuit protection
- Automatic temperature control



PROJECT NAME:	
LOCATION:	
ITEM NO:	
QTY:	
MODEL NO:	
AIA NO:	
SIS NO:	
CSI SECTION:	11400

### OPTIONS/ACCESSORIES:

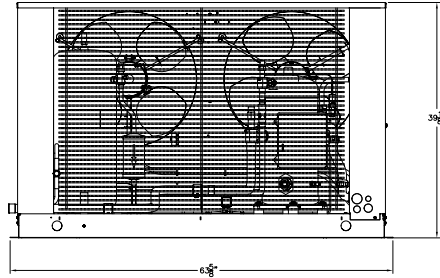
Air cooled, remote, 8hp, 15hp or 30hp refrigeration system  
Water cooled, remote, 8hp, 15hp or 30hp refrigeration system  
RTD probe for remote temperature recording  
Heat exchanger for connection to ice builder  
Seismic legs

### ADDITIONAL RESOURCES:

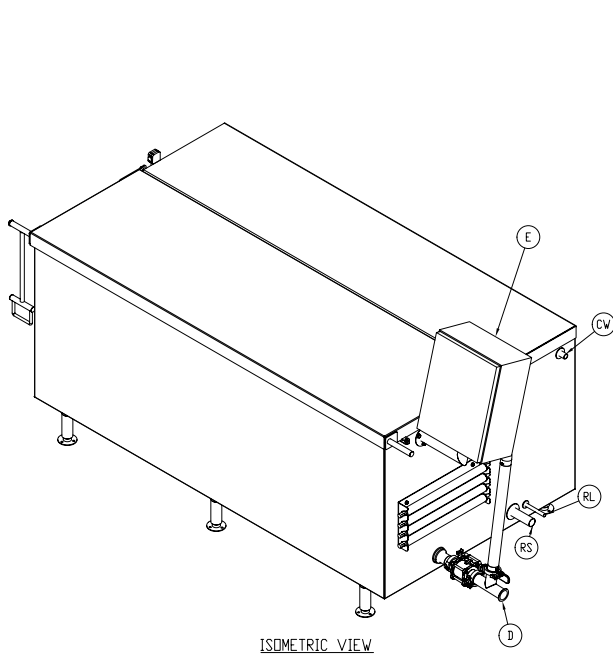
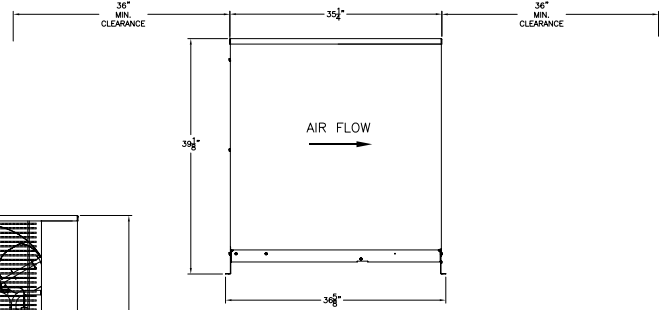
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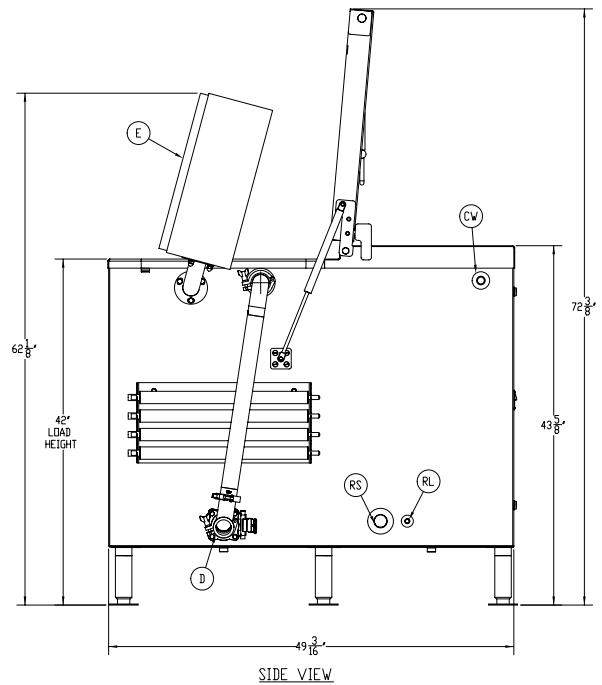
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**CONDENSING UNIT****LCH0080M-ACD****WEIGHT: 1,020 LBS****DIMENSIONS: 64" X 37" X 40" H****CAPACITY: 87,440 BTU/HR @ 25°F FSST @ 95°F AMBIENT ON R448A****REFRIGERANT SUCTION CONNECTION: 1 3/8" O.D.F.****REFRIGERANT LIQUID CONNECTION: 5/8" O.D.F.****ELECTRICAL REQUIREMENTS FOR CONDENSING UNIT****BASED ON MFG. RECOMMENDED****3/60/208-230V 52 MCA****3/60/208-230V 80 MOP****OR****3/60/460V 27 MCA****3/60/460V 40 MOP**

CONDENSING UNIT FOR CKHPC-75



ISOMETRIC VIEW



SIDE VIEW

**CW** COLD POTABLE WATER: 1" T-C, 150 GAL CAPACITY

**D** DRAIN: 2" T-C, 75 GPM

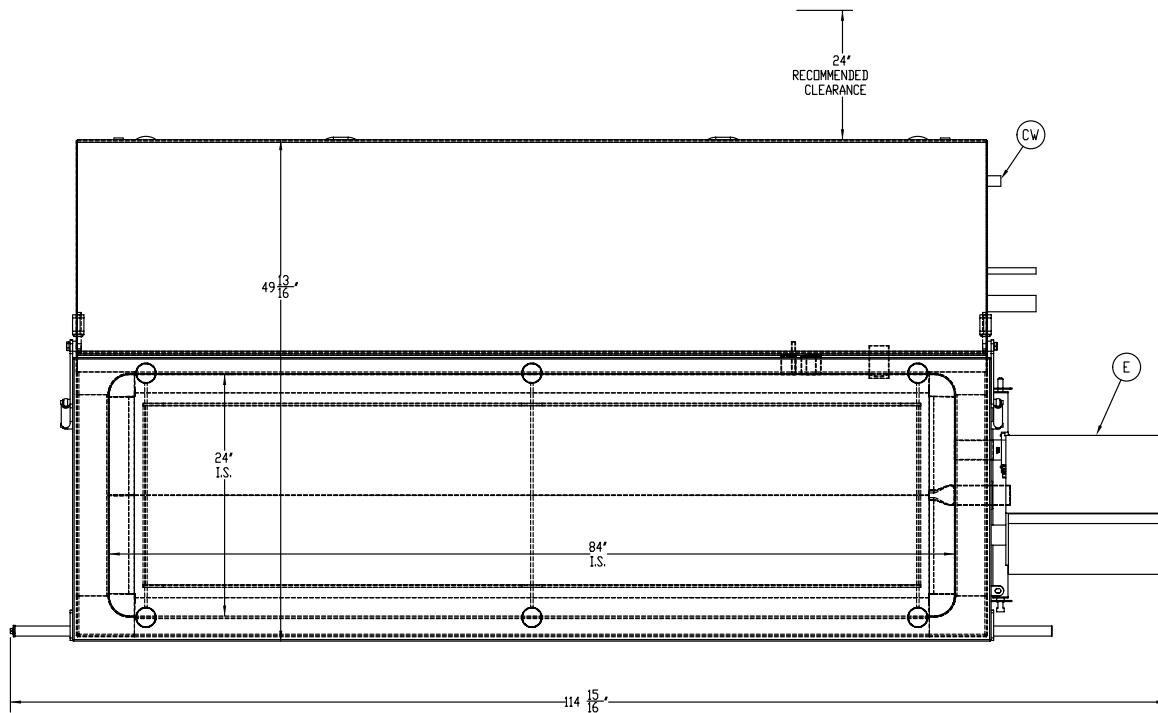
**P** PUMP: 5 HP, 3 PHASE, 3450 RPM

**RL** REFRIGERANT LIQUID LINE: 5/8" ODF

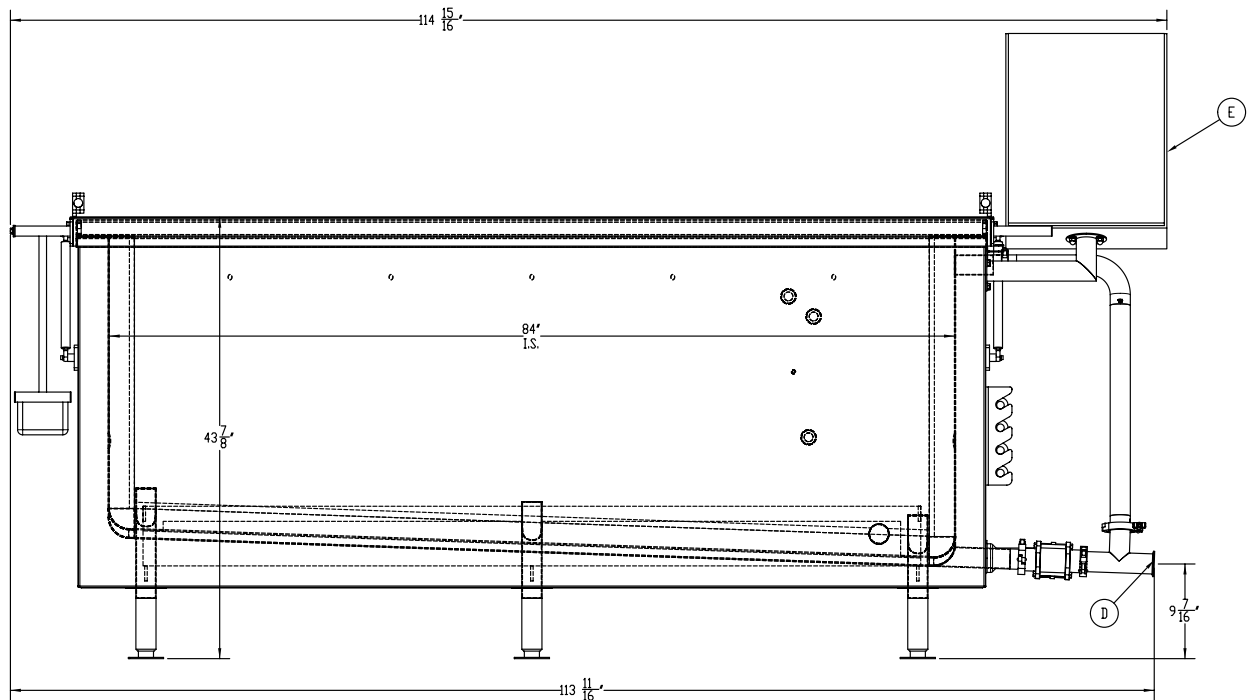
**RS** REFRIGERANT SUCTION LINE: 1 5/8" ODF, 74,000 BTU/HR @ +25° FSST, @ 95°F AMBIENT

**E** ELECTRICAL: 3PH, 60CYC, 208V, 20 FULL LOAD AMPS  
3PH, 60CYC, 230V, 19 FULL LOAD AMPS  
3PH, 60CYC, 460V, 10 FULL LOAD AMPS  
3PH, 60CYC, 575V, 7 FULL LOAD AMPS

CONNECTION PER LOCAL CODES  
(CUSTOMER TO SPECIFY REQUIREMENTS)



PLAN VIEW



FRONT VIEW

**CONDENSING UNIT**

LCV0150M-ACD

WEIGHT: 1,910 LBS

DIMENSIONS: 171" X 49" X 54" H

CAPACITY: 148,490 BTU/HR @ 25°F SST @ 95°F AMBIENT ON R448A

REFRIG. SUCTION CONN.: 1 5/8" O.D.F.

REFRIG. LIQUID CONN.: 1 1/8" O.D.F.

**ELECTRICAL REQUIREMENTS FOR CONDENSING UNIT**

BASED ON MFG. RECOMMENDED

3/60/460V 36 MCA

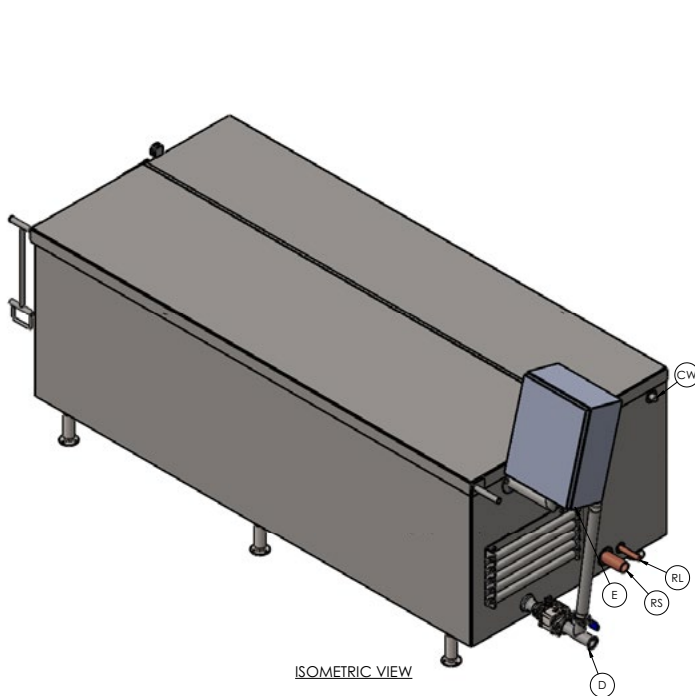
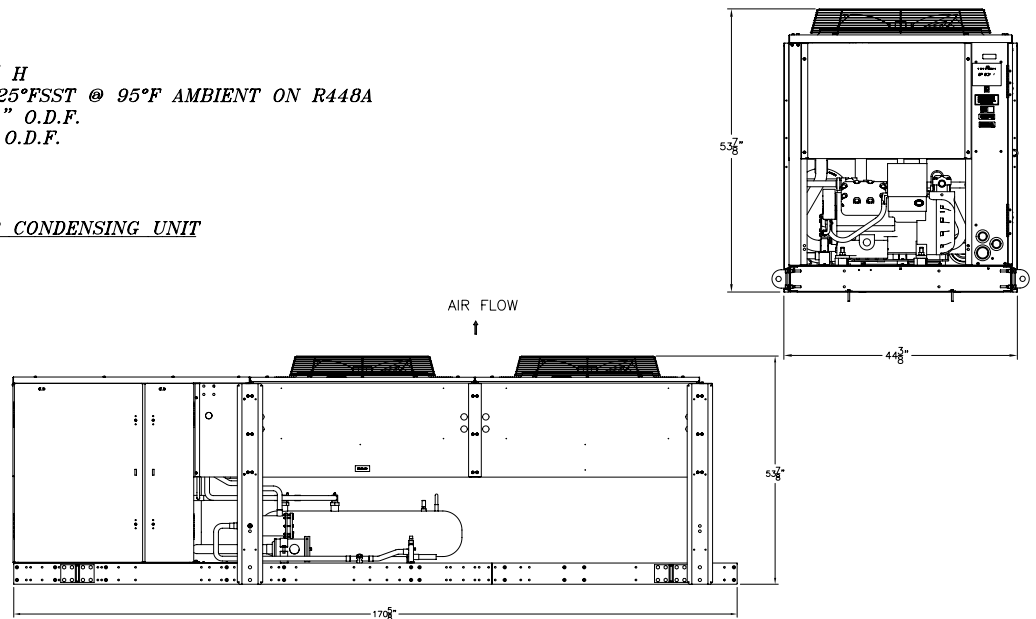
3/60/460V 60 MOP

OR

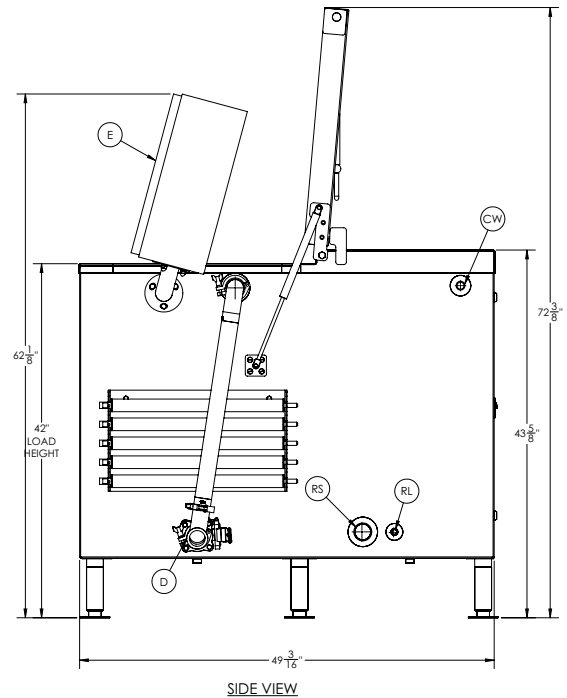
3/60/208-230V 74 MCA

3/60/208-230V 125 MOP

CONDENSING UNIT FOR CKHPC-100



ISOMETRIC VIEW



SIDE VIEW

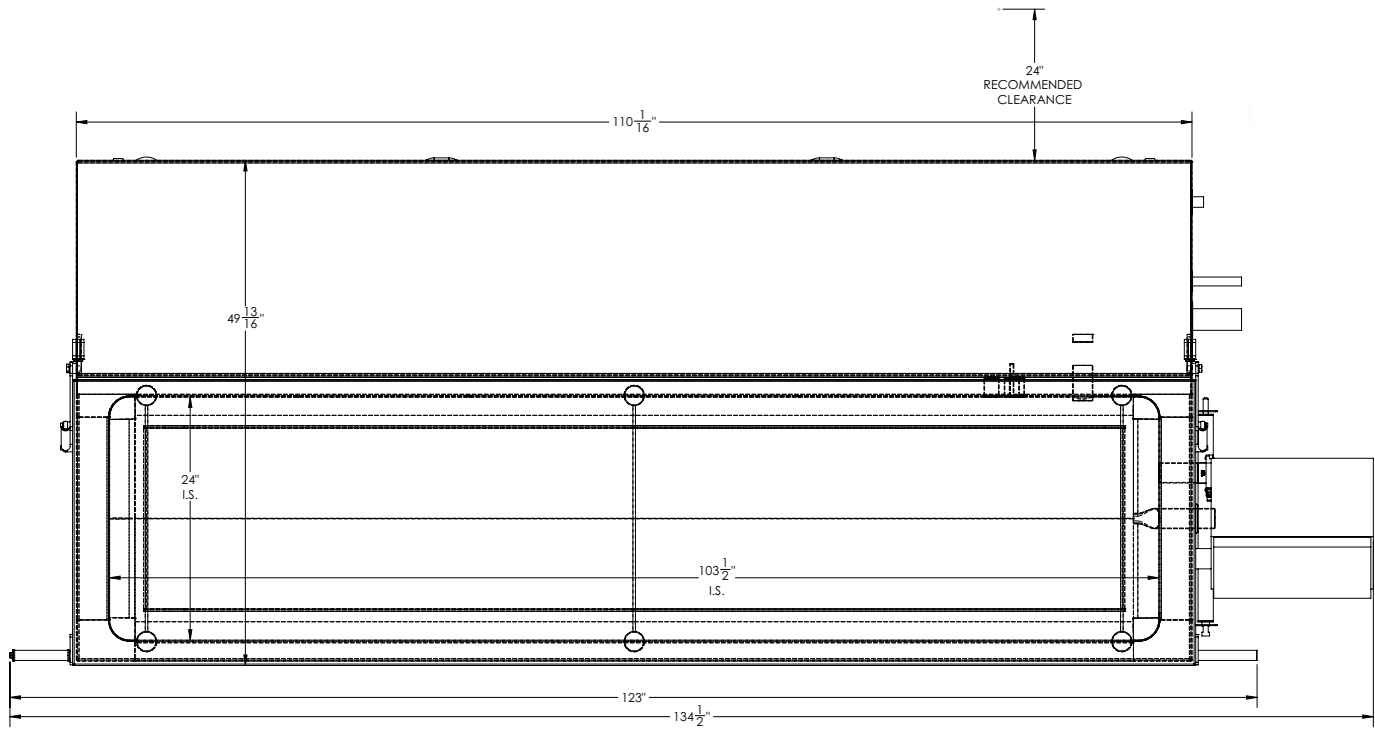
CW COLD POTABLE WATER: 3/4" NPT, 155 GAL CAPACITY

D DRAIN: 2" T-C, 75 GPM

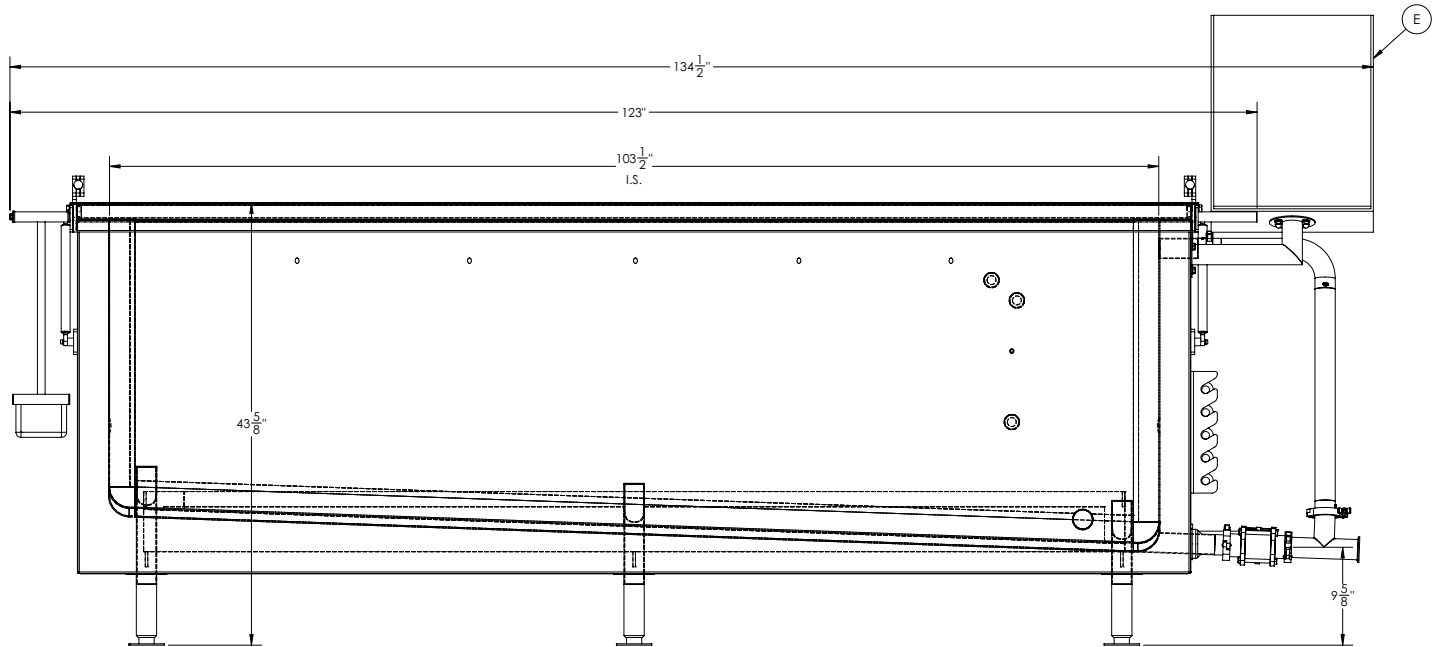
P PUMP: 5 HP, 3 PHASE, 3450 RPM

RL REFRIGERANT LIQUID LINE: 7/8" ODF

RS REFRIGERANT SUCTION LINE: 2 1/8" ODF, 140,000 BTU/HR  
@ +25° FSST, @ 95°F AMBIENTE ELECTRICAL: 3PH, 60CYC, 208V, 20 AMPS  
3PH, 60CYC, 230V, 19 AMPS  
3PH, 60CYC, 480V, 10 AMPS  
3PH, 60CYC, 575V, 7 AMPS  
CONNECTION PER LOCAL CODES  
DISCONNECT SUPPLIED BY OTHERS  
(CUSTOMER TO SPECIFY REQUIREMENTS)



PLAN VIEW

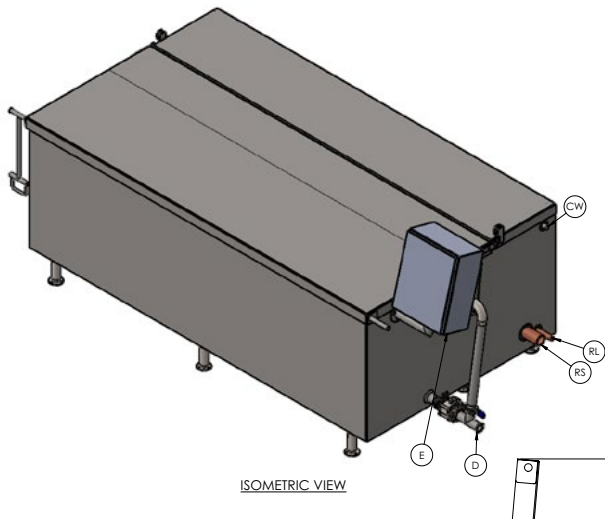
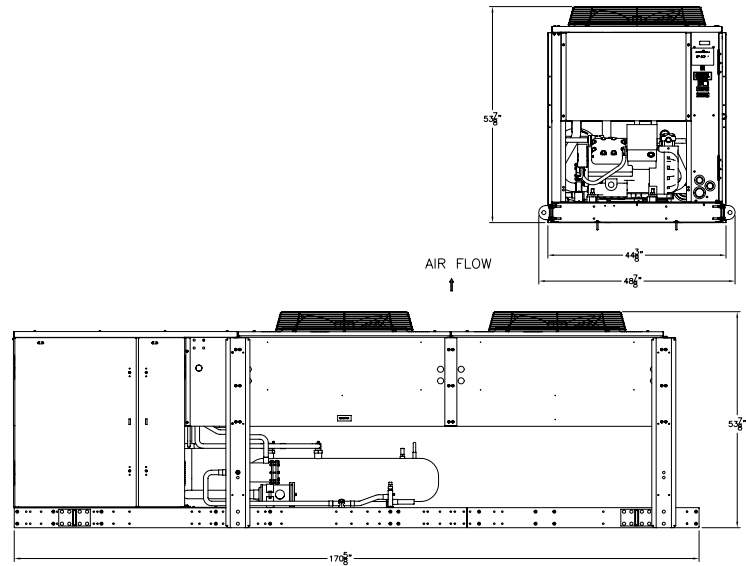


FRONT VIEW

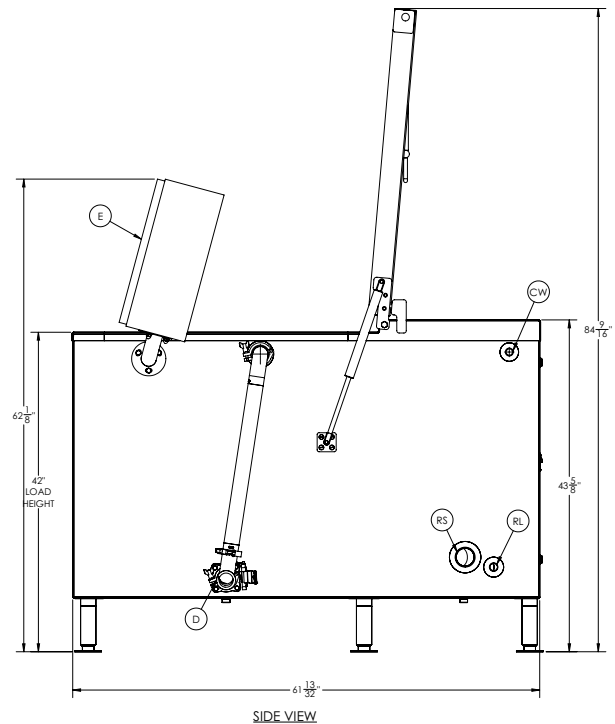
**CONDENSING UNIT**  
 LCV0300M-ACD  
 WEIGHT: 2,070 LBS  
 DIMENSIONS: 171" X 49" X 54" H  
 CAPACITY: 238,050 BTU/HR @ 25°F SST ON R-448A  
 @ 95°F AMBIENT  
 REFRIG. LIQUID CONN: 1 1/8" O.D.F.  
 REFRIG. SUCTION CONN: 2 1/8" O.D.F.

**ELECTRICAL REQUIREMENTS FOR CONDENSING UNIT**  
 BASED ON MFG. RECOMMENDED  
 3/60/460V 67 MCA  
 3/60/460V 110 MOP  
 OR  
 3/60/208-230V 133 MCA  
 3/60/208-230V 225 MOP

CONDENSING UNIT FOR CKHPC-200



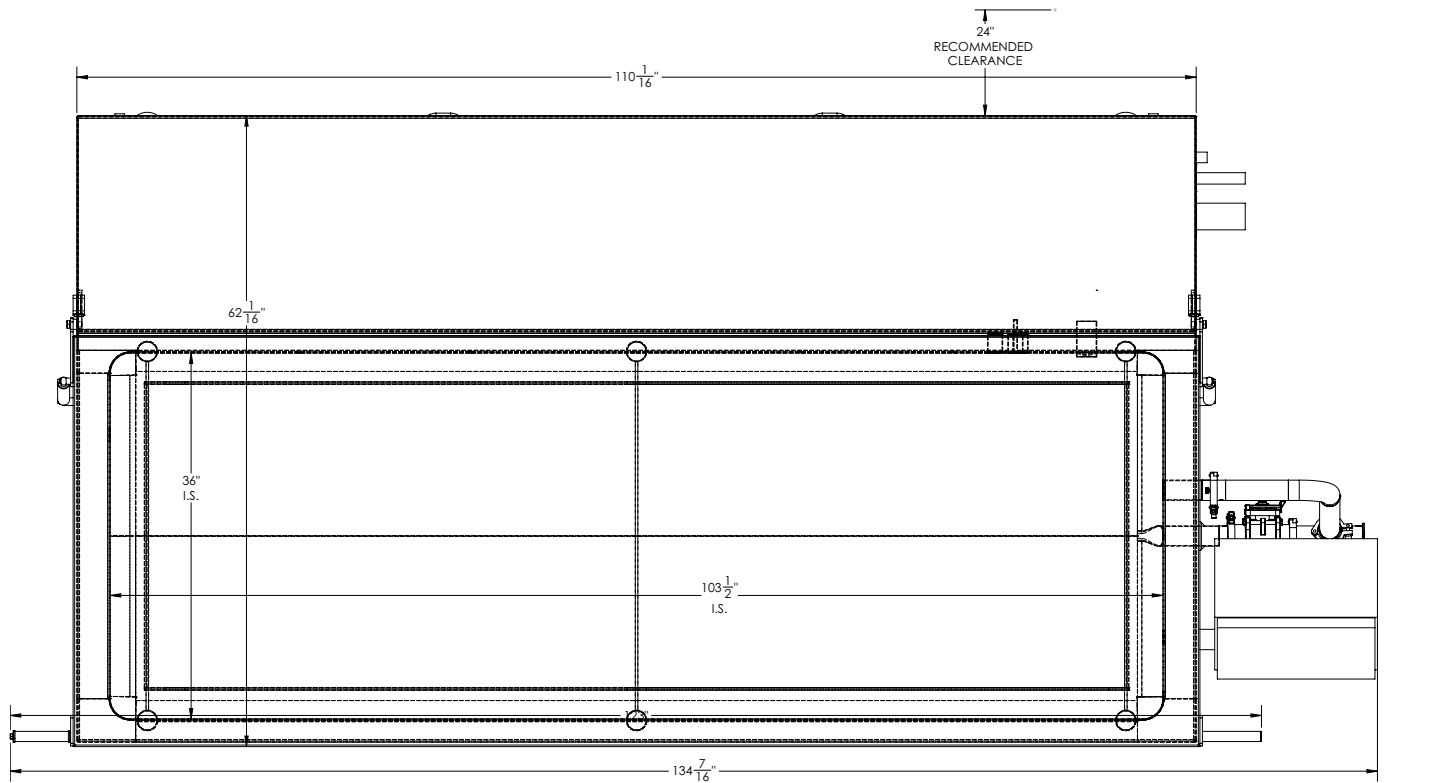
ISOMETRIC VIEW



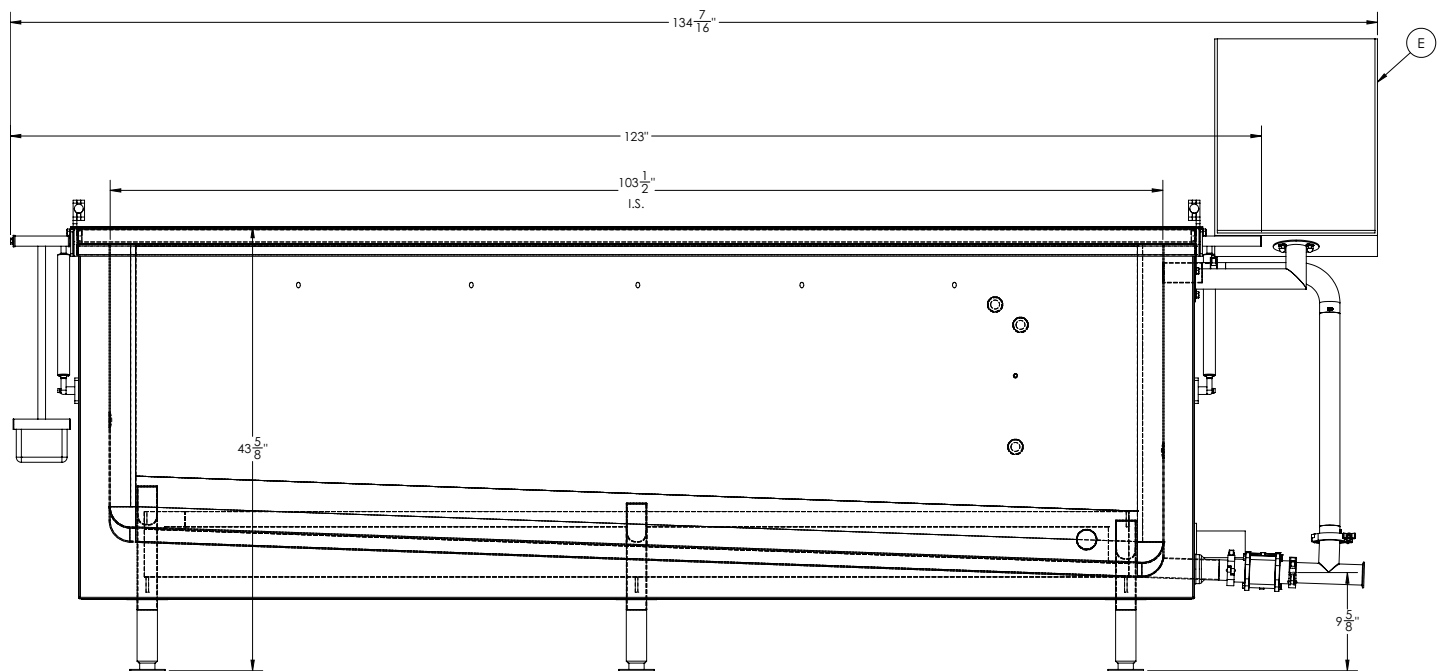
SIDE VIEW

- CW** COLD POTABLE WATER: 3/4" NPT, 180 GAL CAPACITY
- D** DRAIN: 2" T-C, 75 GPM
- P** PUMP: 7 1/2 HP, 3 PHASE, 3450 RPM
- RL** REFRIGERANT LIQUID LINE: 1 1/8" ODF

- RS** REFRIGERANT SUCTION LINE: 2 5/8" ODF, 210,000 BTU/HR @+25° FSST, @ 95°F AMBIENT
- E** ELECTRICAL: 3PH, 60CYC, 208V, 27 AMPS  
 3PH, 60CYC, 230V, 26 AMPS  
 3PH, 60CYC, 480V, 13 AMPS  
 3PH, 60CYC, 575V, 11 AMPS  
 CONNECTION PER LOCAL CODES  
 DISCONNECT SUPPLIED BY OTHERS  
 (CUSTOMER TO SPECIFY REQUIREMENTS)



PLAN VIEW



FRONT VIEW