

### SYSTEM INFORMATION

The Cabinet Cooler (CC) Systems are designed to provide refrigerated air to medium temperature spaces. CC evaporators distribute air up to 10' to the left and right of the coil and return at the front.

These units provide greater BTU cooling per cubic inch of required installation space making CC the best choice for a cooler needing a very low set point as with white wines.

CC evaporators available in standard capacities from 1,800 to 4,600 BTU per hour are used with R134a refrigerant.



### FEATURES

- Textured aluminum cabinet
- Hard-tempered aluminum fins
- Seamless copper tubing throughout
- Louvered panels easily remove for cleaning and servicing
- Thermal expansion valve (standard) installed
- Pump-down solenoid valve (standard) protects compressor in the event of leaks
- Pre-installed valves eliminate additional wiring to thermostat
- Highest cooling with least needed installation space
- UL and NSF listed

### BEST SELLERS

Cabinet Cooler	CC1800	CC2600	CC3600	CC4600	CC6600 TE	CC 8600 TE
Max Cubic Feet	175	300	650	1,000	1,500	2,000
BTUH	1800	2600	3600	4600	6600	8600
Fan Coil	CC1FC	CC2FC	CC3FC	CC4FC	CC3FC X 2	CC4FC X 2
Length	16"	18"	20"	18"	20"	18"
Width	9.5"	9.5"	9.5"	11.5"	9.5"	11.5"
Height	9.5"	9.5"	9.5"	11.5"	9.5"	11.5"
Weight	18 lbs	20 lbs	24 lbs	26 lbs	24 lbs	26 lbs
Volts	115 V	115 V	115 V	115 V	115 V	115 V
Amps	1.5 A	1.5 A	1.5 A	1.5 A	1.5 A	1.5 A
Condensing Unit	CU18	CU26	CU36	CU46	CU66	CU86
Length	17"	17"	17"	13.8"	20.6"	17.5"
Width	12"	12"	12"	11.8"	13.9"	14.3"
Height	9.4"	9.4"	9.4"	9.7"	13.2"	12.0"
Weight	41 lbs	41 lbs	42 lbs	48 lbs	83 lbs	79 lbs
Volts	115 V	115 V	115 V	115 V	115 V	115 V
Amps MFS	15 A	15 A	15 A	20 A	30 A	30 A
System Line Set						
Suction	3/8"	3/8"	3/8"	1/2"	1/2"	5/8"
Liquid	1/4"	1/4"	1/4"	1/4"	1/4"	3/8"
Lines between coils - TE Systems only						
Suction	-	-	-	-	3/8"	3/8"
Liquid	-	-	-	-	1/4"	1/4"

*Due to continuing engineering improvements, specifications are subject to change without notice.*

# CC SERIES

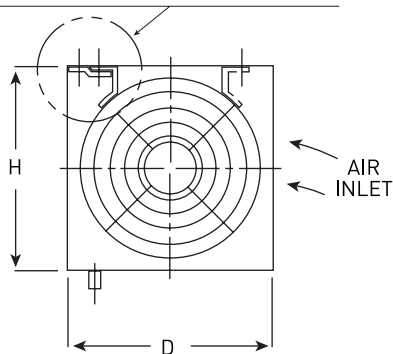
## CC Fan Coil Specifications

MODEL	WIDTH	DEPTH	HEIGHT	CFM	FAN DIA	MTR. AMPS	LIQUID	SUCTION	DRAIN	APPROX SHIP WT.
CC1FC	16"	9.5"	9.5"	300	8"	1.1	1/4" OD	3/8" OD	1/2" OD	18 lbs
CC2FC	18"	9.5"	9.5"	300	8"	1.1	1/4" OD	3/8" OD	1/2" OD	20 lbs
CC3FC	20"	9.5"	9.5"	400	8"	1.1	1/4" OD	3/8" OD	1/2" OD	24 lbs
CC4FC	18"	11.5"	11.5"	400	8"	1.1	1/4" OD	3/8" OD	1/2" OD	26 lbs

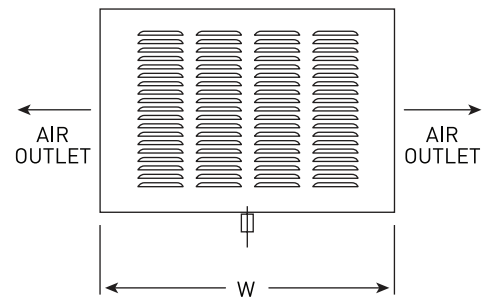
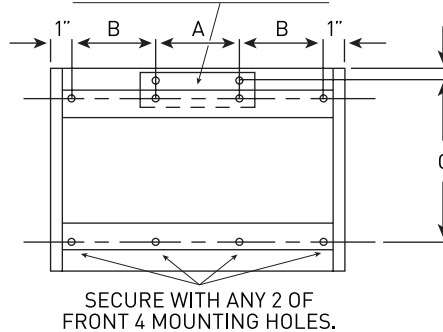
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## Bracket Mounting

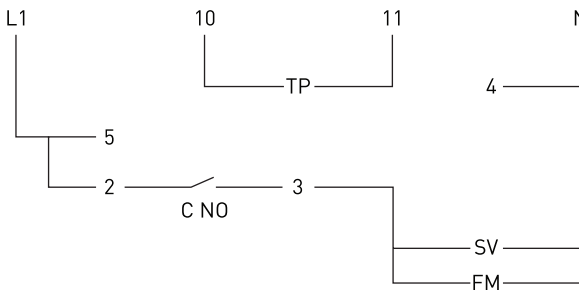
REAR MOUNTING BRACKET POSITION



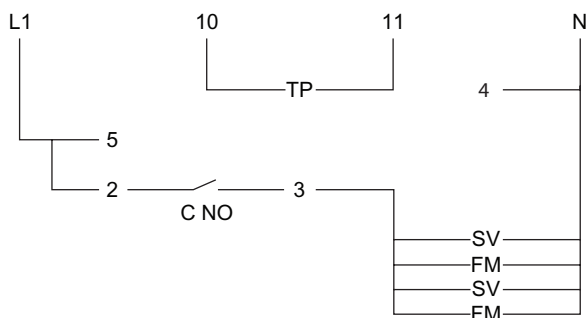
INSTALL REAR MOUNTING BRACKET. SLIP UNIT ONTO BRACKET.



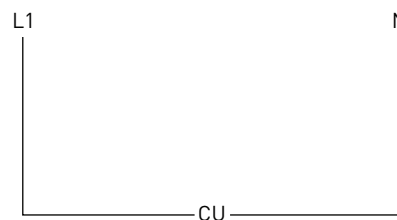
## Single Fan Coil Wiring



## TE Fan Coil Wiring



## Condensing Unit Wiring



## Field Wiring

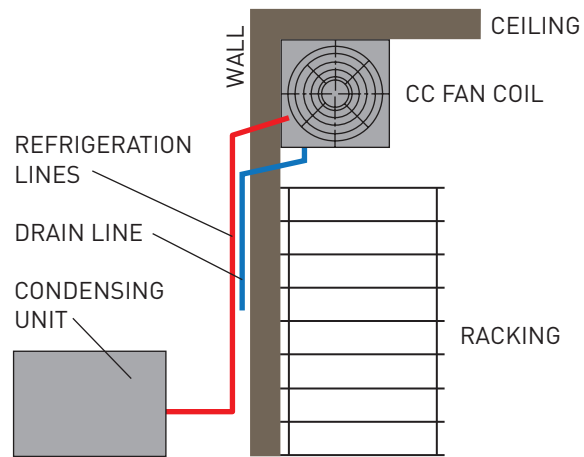
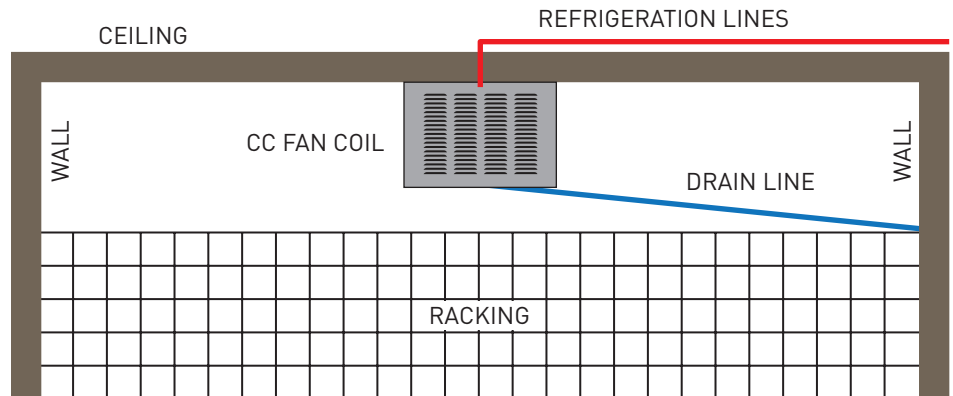
- L1** 115 V Line Voltage
- N** Neutral
- SV** Solenoid Valve
- FM** Fan Motor
- TP** Temperature Probe

## Back of Controller Connections

- 10** Temperature Probe
- 11** Temperature Probe
- 4** Neutral
- 5** 115V Line Voltage
- 2** Jumper from 5
- 3** Switch Leg to Fan Coil
- C NO** Internal normally open contact

## CC Cooling System Typical Installation

- Standard Line Sets should be 50' or less. Extended runs may require larger line sizes and 3 oz of oil must be added for every 10' feet over 35'.
- Keep line sets as short as possible and insulate.
- Excessive number of turns will cause refrigerant flow problems. This could cause early compressor failure. Suction line accumulators are recommended. Required if working lower than the normal 55-65° operating range from wine cellar.
- Drain line must always flow down hill to drain or pump
- The system is controlled by a pump down control system. There is no control wiring between thermostat and condensing unit
- The line connections at Fan Coil and Condensing Unit may not be the same as the required line sizes



## Ceiling Construction



EXTERIOR  
 VAPOR BARRIER  
 INSULATION –  
 R19 OR BETTER  
 INTERIOR

## Wall Construction

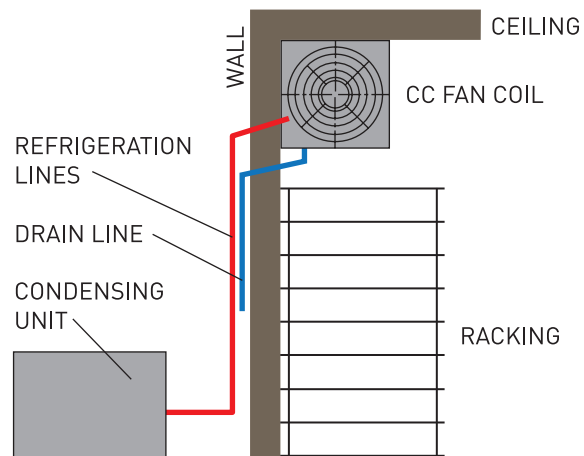
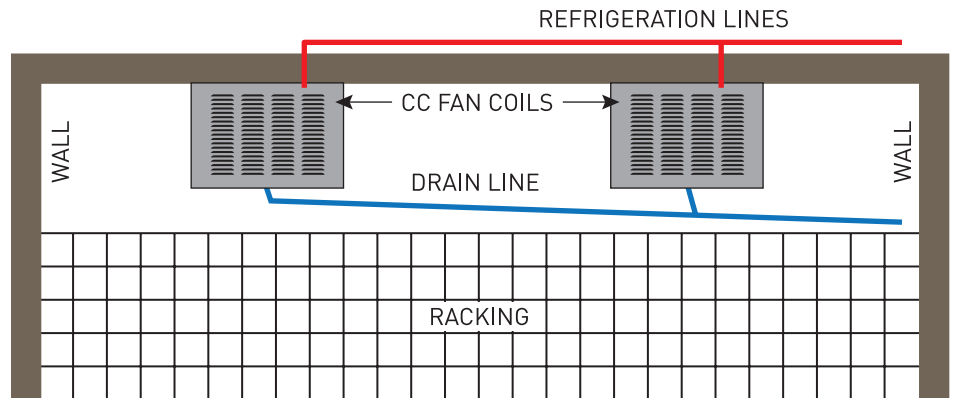


EXTERIOR  
 VAPOR BARRIER  
 INSULATION –  
 R12 OR BETTER  
 INTERIOR

# CC TE SERIES

## CC TE Cooling System Typical Installation

- Standard Line Sets should be 50' or less. Extended runs may require larger line sizes and 3 oz of oil must be added for every 10' feet over 35'.
- Keep line sets as short as possible and insulate.
- Excessive number of turns will cause refrigerant flow problems. This could cause early compressor failure. Suction line accumulators are recommended. Required if working lower than the normal 55-65° operating range from wine cellar.
- Drain line must always flow down hill to drain or pump
- The system is controlled by a pump down control system. There is no control wiring between thermostat and condensing unit
- The line connections at Fan Coil and Condensing Unit may not be the same as the required line sizes



## Ceiling Construction



EXTERIOR  
 VAPOR BARRIER  
 INSULATION –  
 R19 OR BETTER  
 INTERIOR

## Wall Construction



EXTERIOR  
 VAPOR BARRIER  
 INSULATION –  
 R12 OR BETTER  
 INTERIOR