



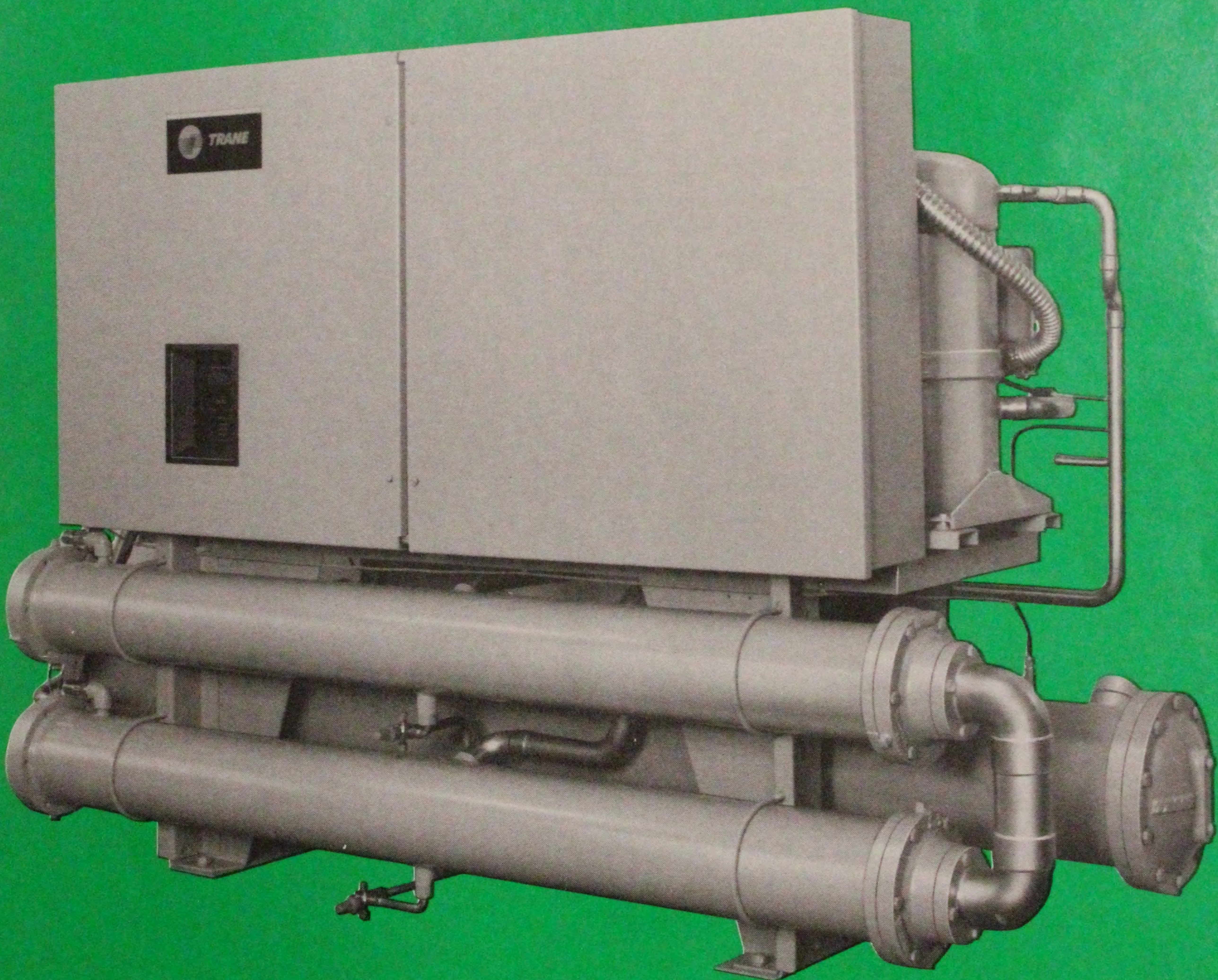
TRANE™

CG-DS-3
December 1988

First Printing

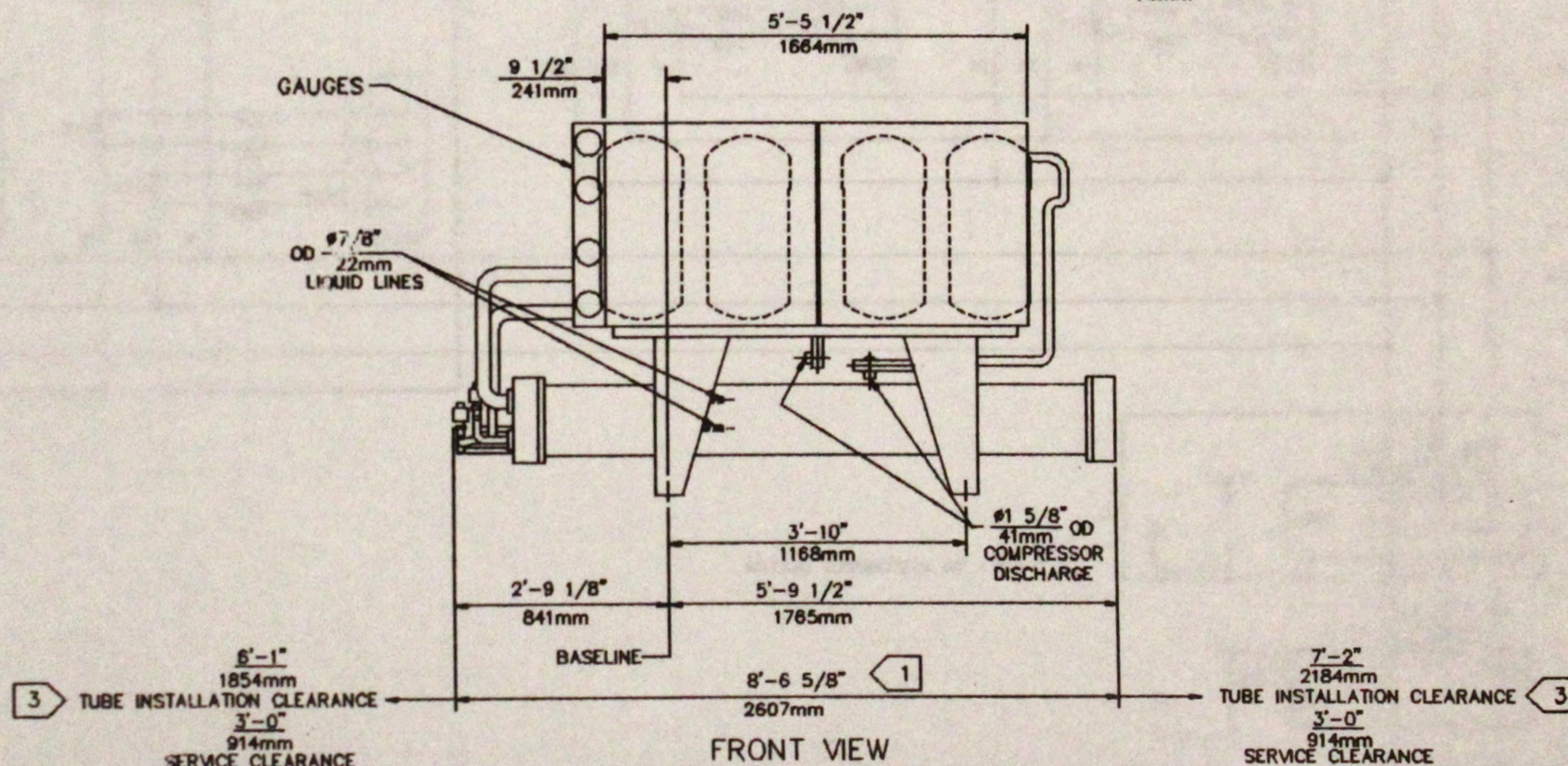
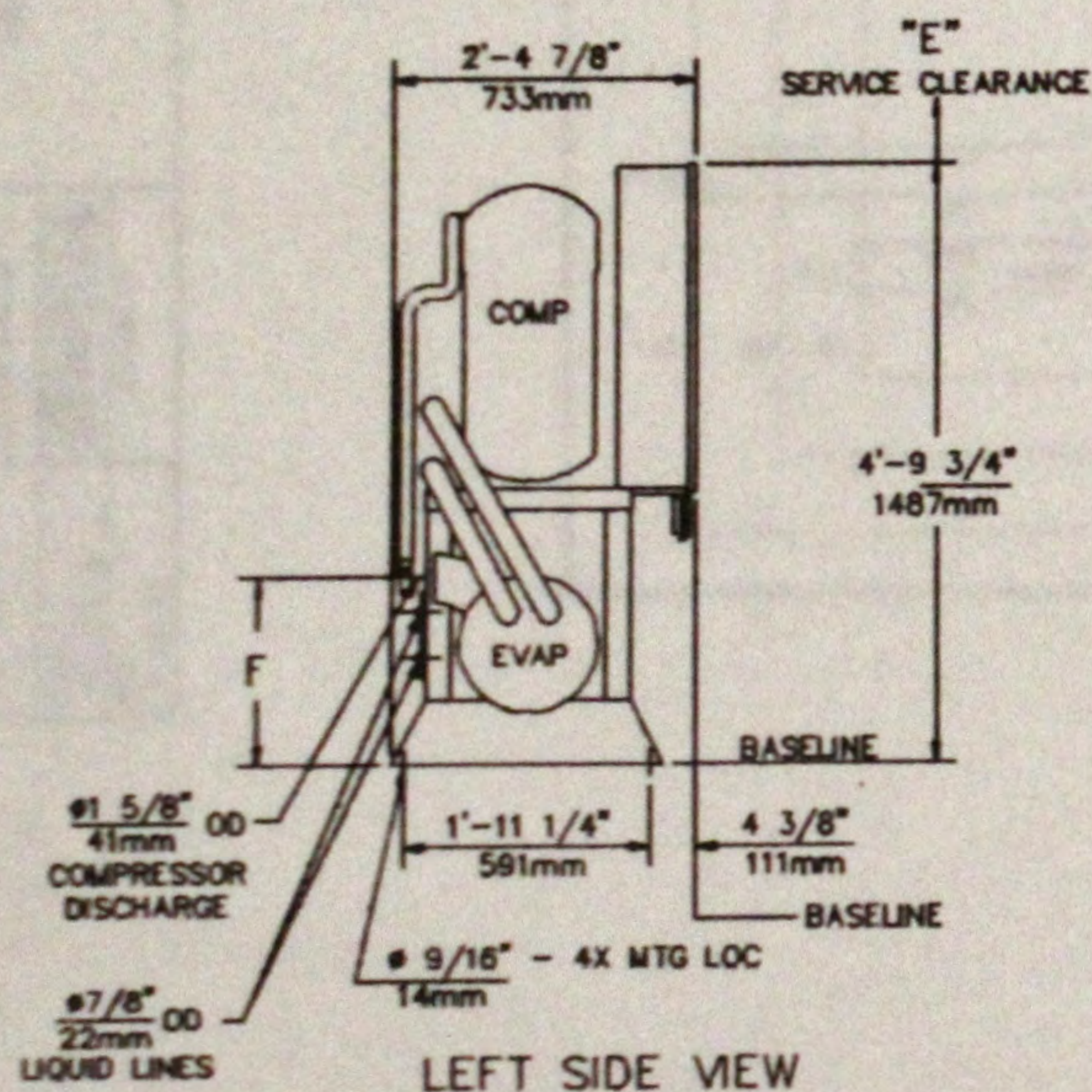
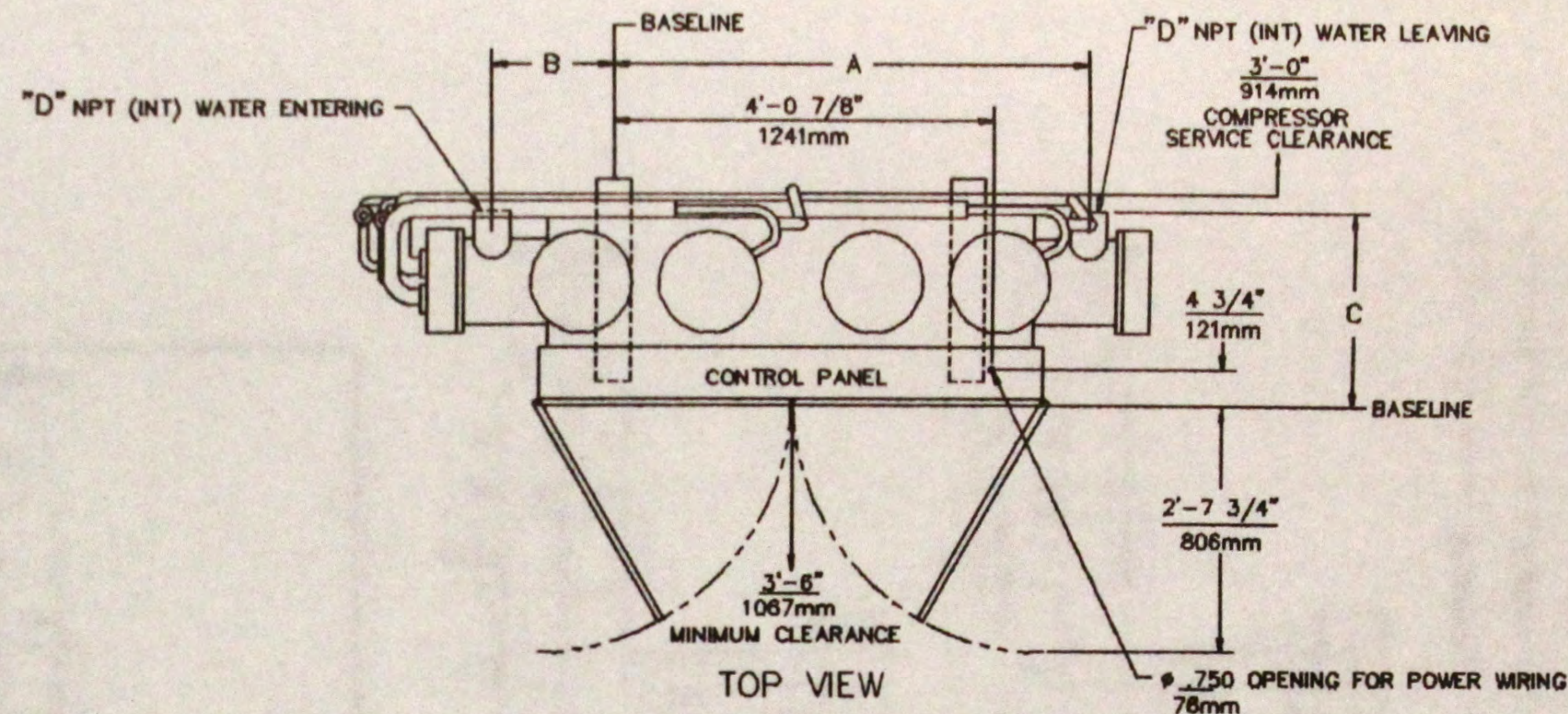
Cold Generator®
Scroll Liquid Chillers

20 to 60 Tons
Water Cooled



ENGLISH DIMENSIONS						
UNIT SIZE	A	B	C	D	E	F
40 TON	5'-1 3/4"	1'-3 3/4"	1'-11 1/4"	2 1/2"	3'-5"	1'-4 1/4"
50 TON	5'-1 1/2"	1'-3 1/2"	2'-1 1/8"	3"	3'-10"	1'-6 1/8"
60 TON	5'-1 1/2"	1'-3 1/2"	2'-0 7/8"	3"	3'-10"	1'-6 1/8"

METRIC DIMENSIONS						
UNIT SIZE	A	B	C	D	E	F
40 TON	1568mm	400mm	591mm	64mm	1041mm	413mm
50 TON	1562mm	394mm	638mm	76mm	1168mm	460mm
60 TON	1562mm	394mm	632mm	76mm	1168mm	460mm



NOTES:

- 1 ADD 3/4" FOR UNITS WITH INSULATION 19mm
2. DIMENSIONAL TOLERANCE $\pm 1/8"$ 3mm
- 3 TUBE INSTALLATION AT EITHER END OF EVAPORATOR

HERMETIC SCROLL LIQUID CHILLER

COMPRESSOR CHILLERS

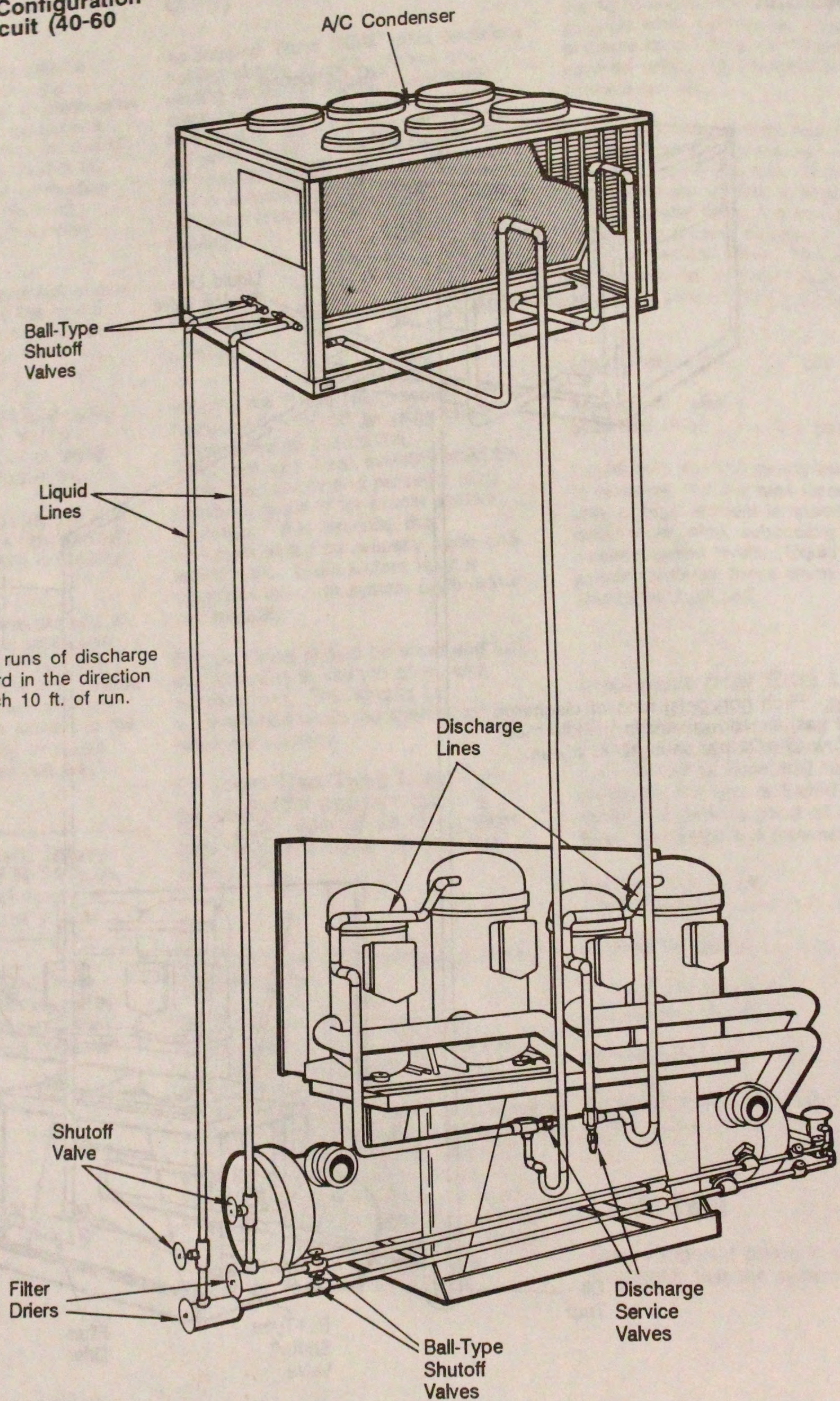
40, 50, 60 TON

FILE NUMBER PL-RF-CG-CCAD
 DEVICE NUMBER CCAD-SU-1001D
 TAG

EQUIPMENT COMPONENTS



Figure 20
Refrigerant Piping Configuration
for Typical Dual-Circuit (40-60
Ton) CCAD Unit



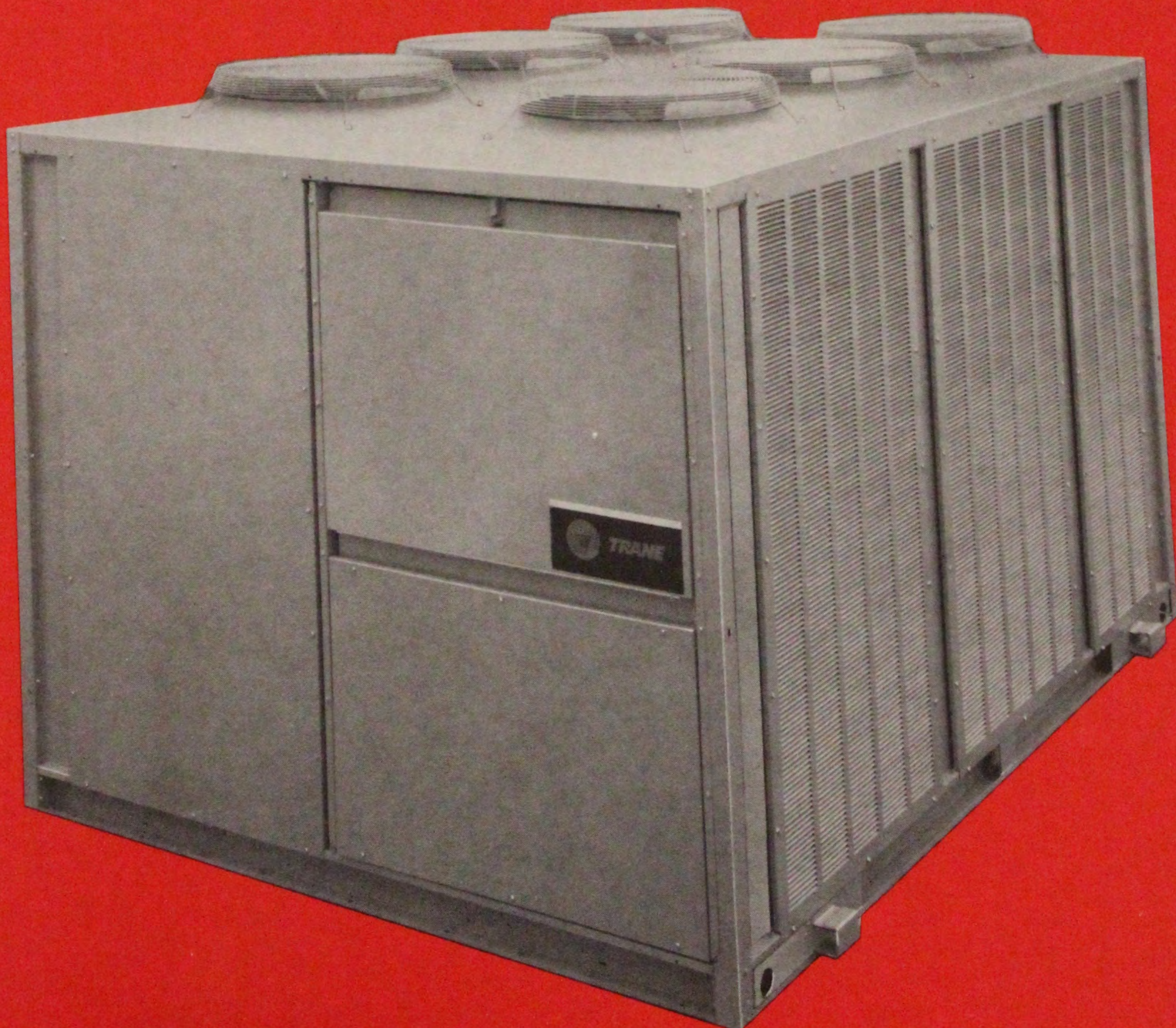


TRANE™

ACDS-DS-1
March 1992

**Air-Cooled
Condensers**

**20 through
120 Tons**



TAG

PRINT
DATE: 3-15-89FILE
NO.

PL-UN-S/S-CAUC-SQ-0006B

REPLACES:

CAUC-SQ-0006A

CAUC-SQ-0006B

Air-Cooled Condenser
30 Tons

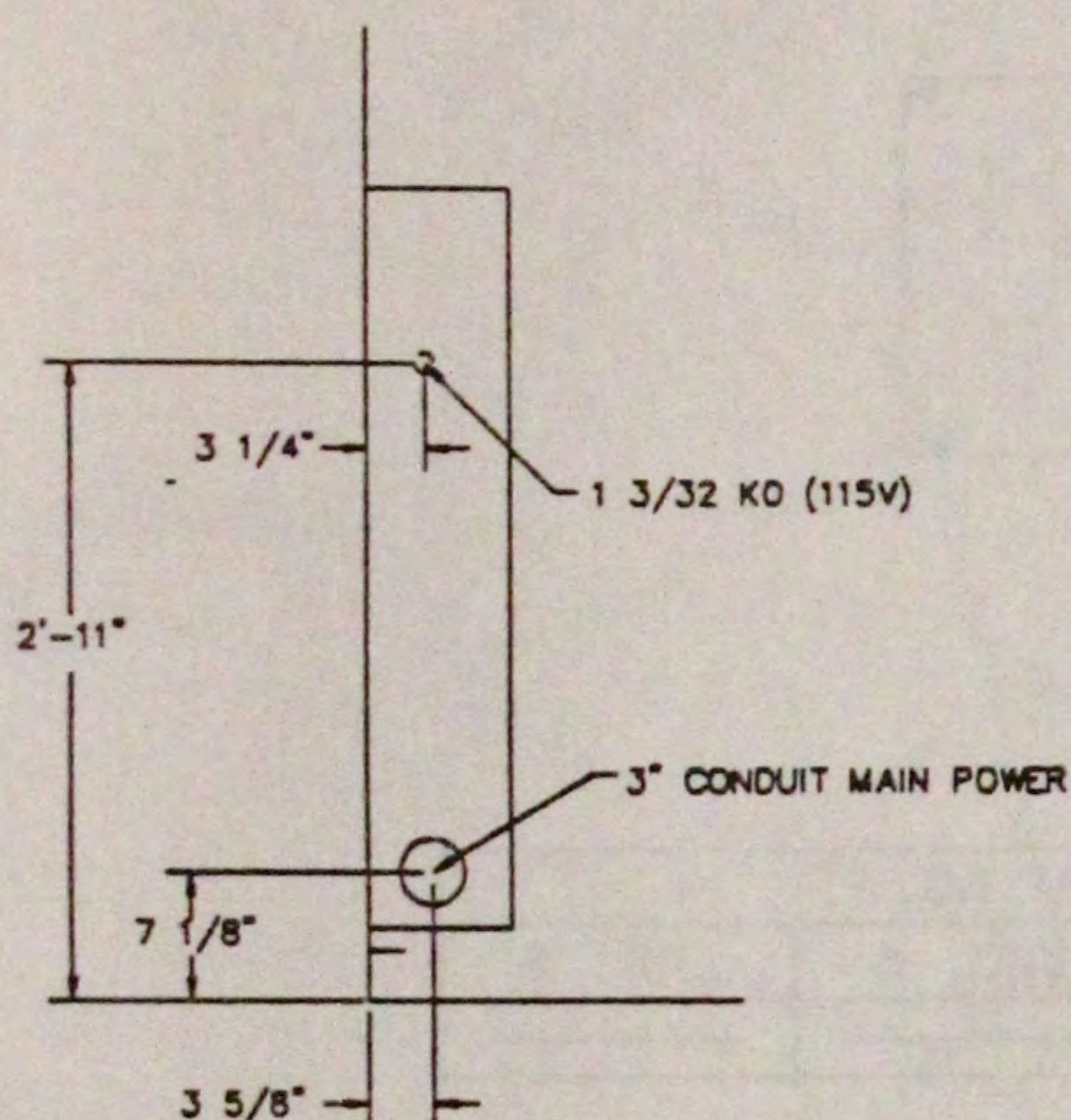
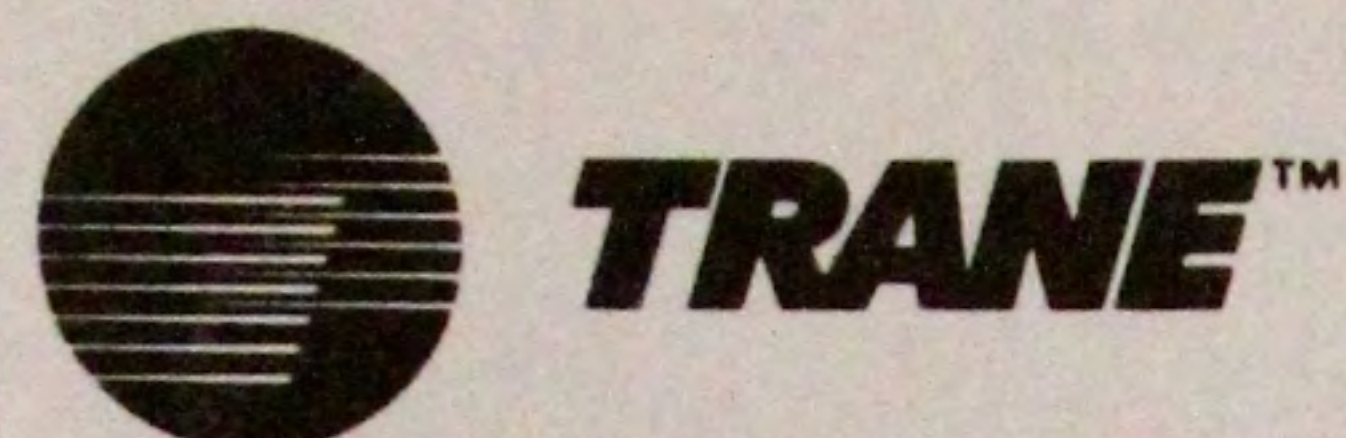
Model

- ☐ CAUC-C30G
☐ CAUC-C304
☒ CAUC-C305

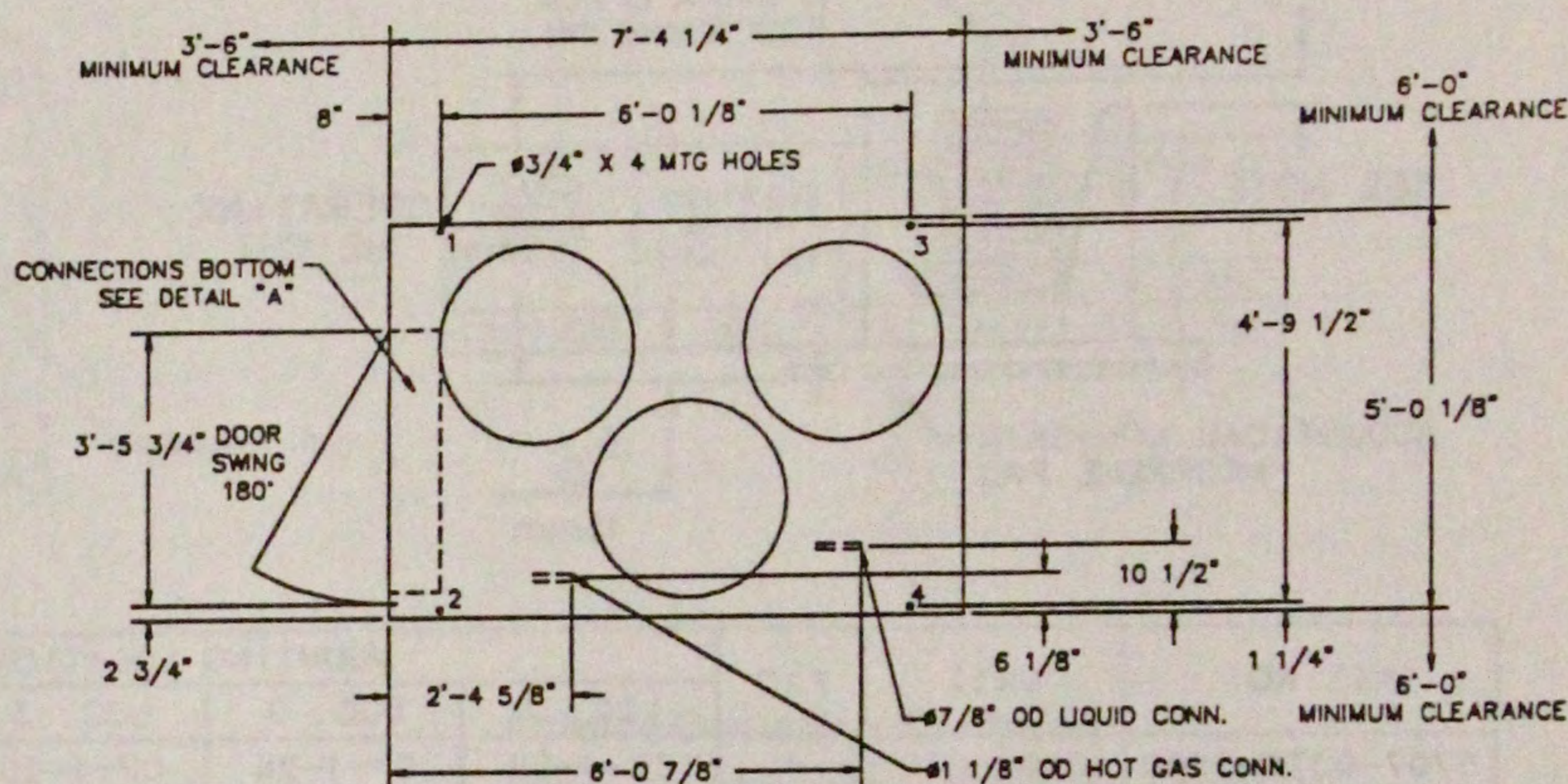
Voltage

200-230/60/3XL
 460/60/3XL
 575/60/3XL

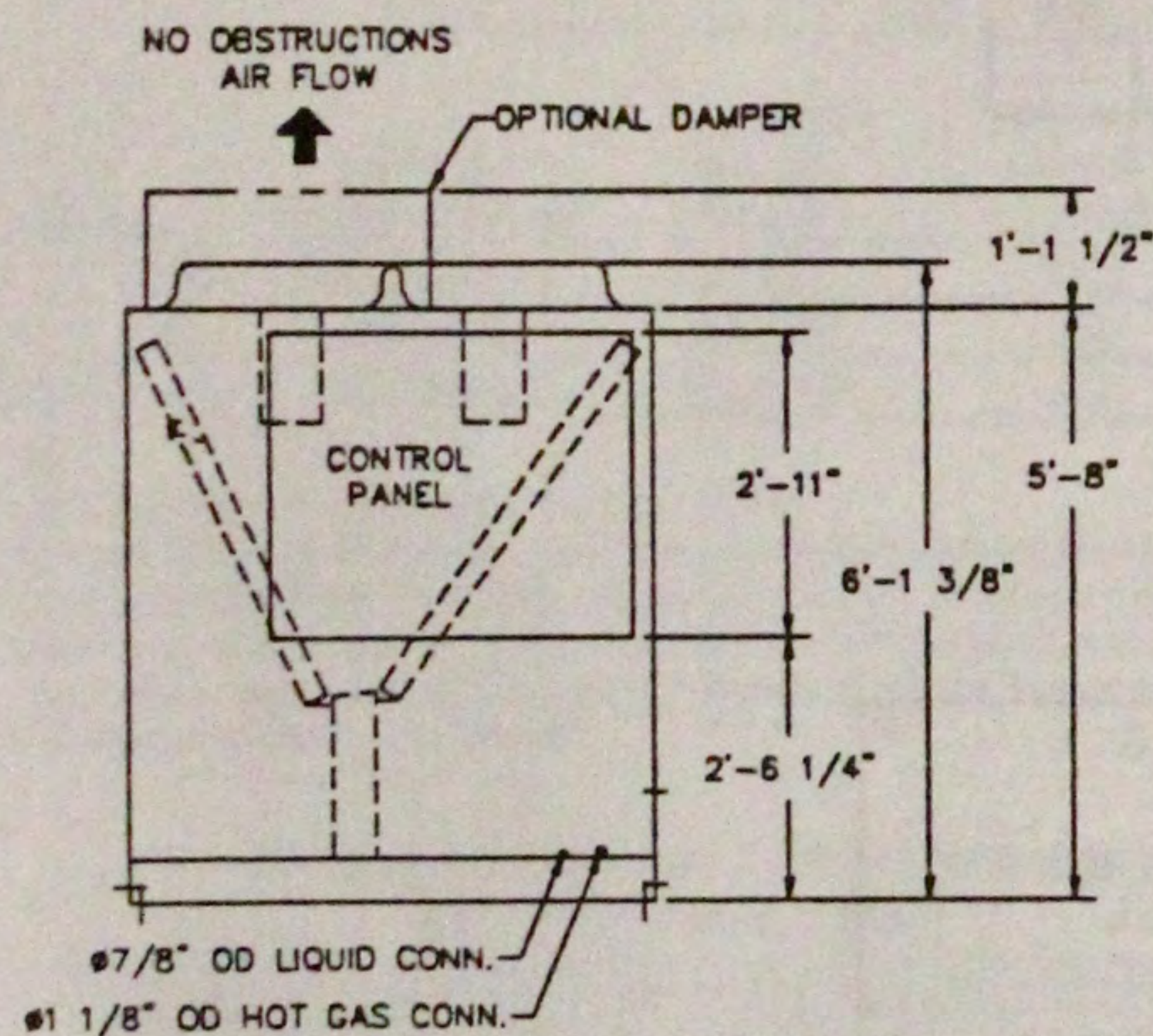
SUBMITTAL/SELECTION



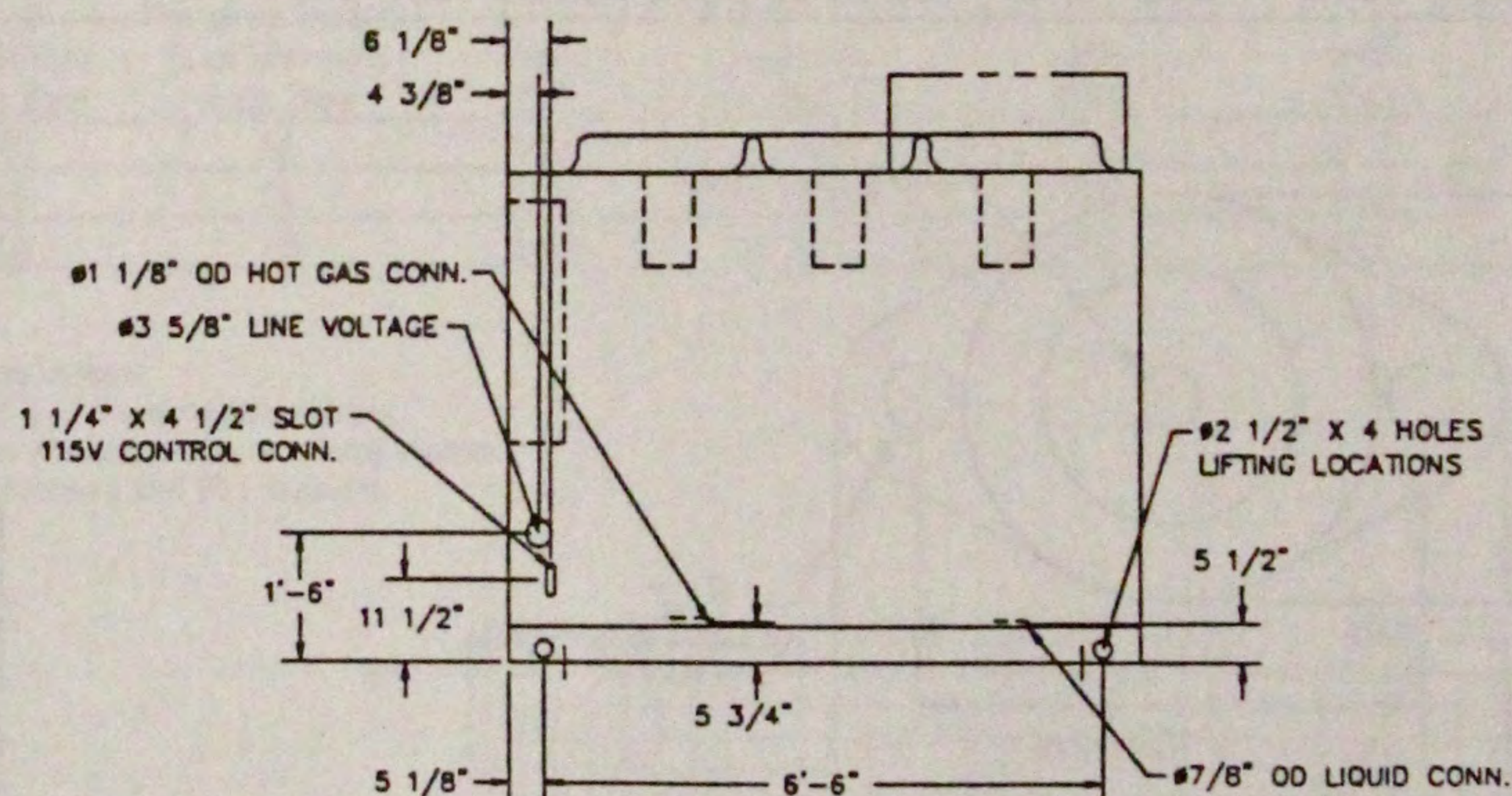
DETAIL "A"



TOP VIEW



LEFT SIDE VIEW



FRONT VIEW

WEIGHT	ALUMINUM FINS	COPPER FINS
SHIPPING	1660 lbs	1951 lbs
OPERATING	1600 lbs	1892 lbs

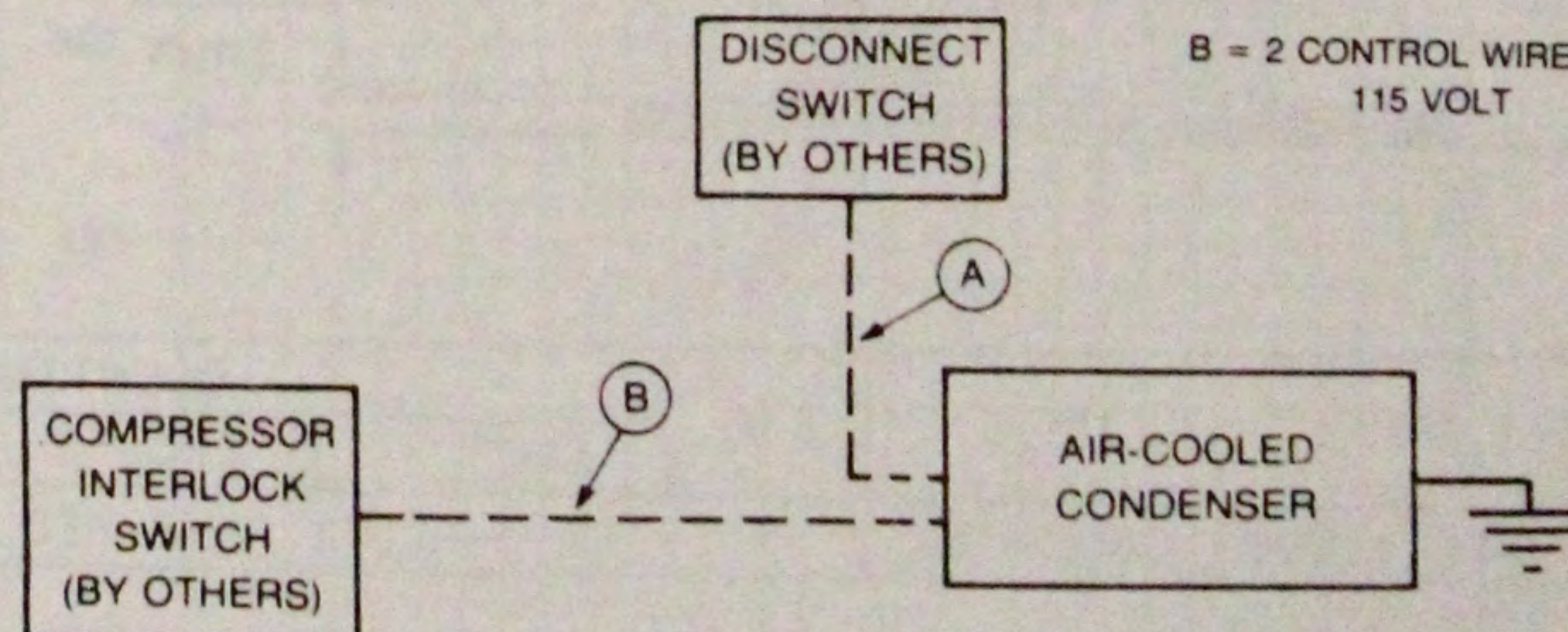
General Data

Gross Heat Rejection Capacity (MBh) ¹	460
Condenser Coil Size (in.)	1/45x71
	1/49x71
No. of Refrigerant Circuits	1
Charging Weight (lbs of R-22)	37
Condenser Storage Capacity (lbs) ²	96
Standard Ambient Operating Range	40-115
Other Items:	

NOTES:

- (1) Gross heat rejection is at a 30 F initial temperature difference condensing temperature and ambient air entering condenser. (Includes effect of subcooling).
 (2) Storage capacity for R-22 at 95 F ambient, 95 percent full.

A = 3 power wires

B = 2 CONTROL WIRES
115 VOLT

NOTES:

All customer supplied wiring to be copper only and must conform to NEC and local electrical codes. Wiring shown dotted is to be furnished and installed by customer.