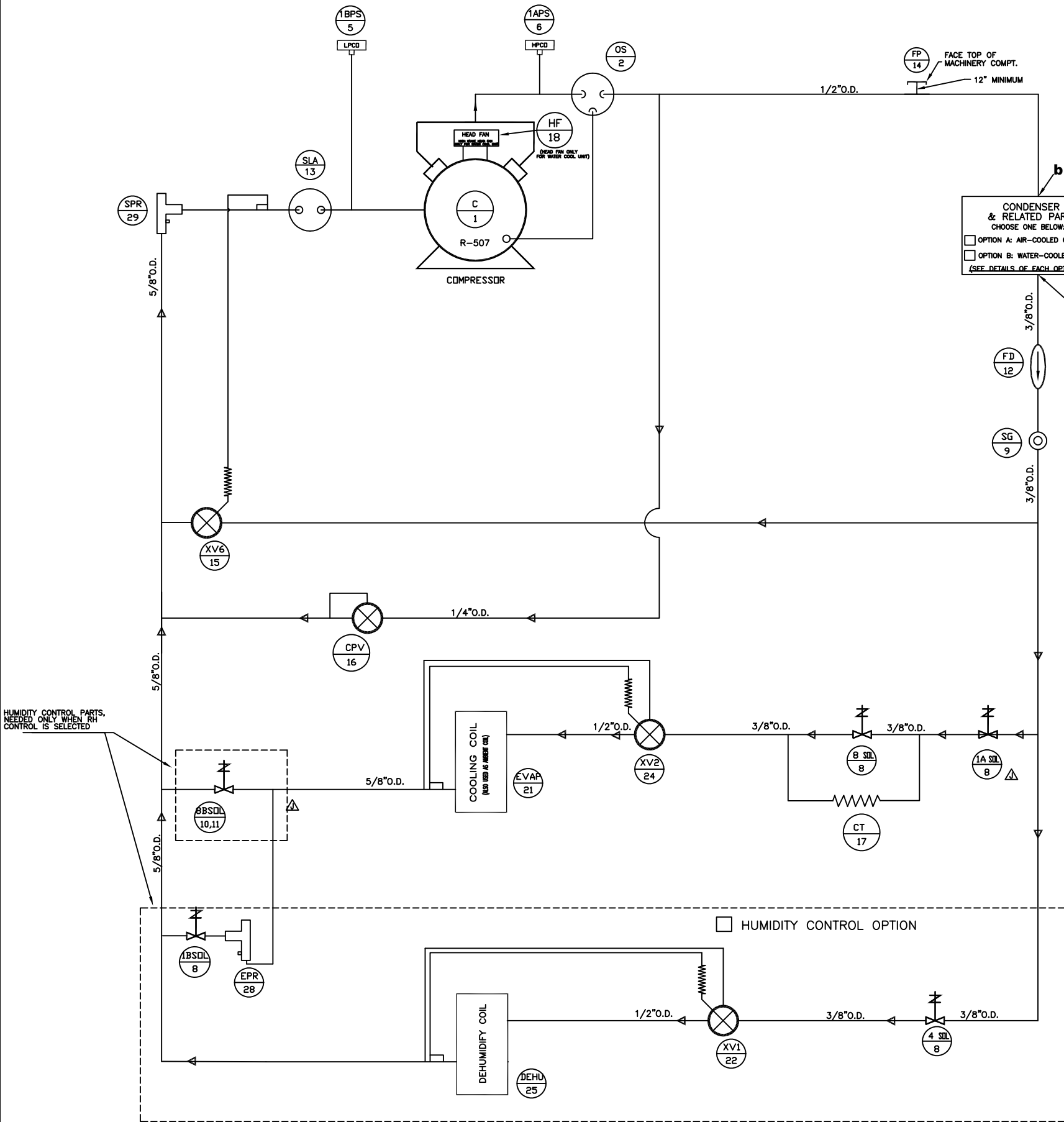
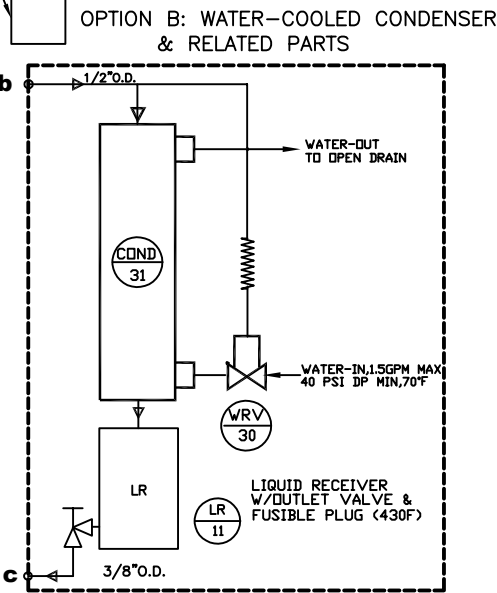
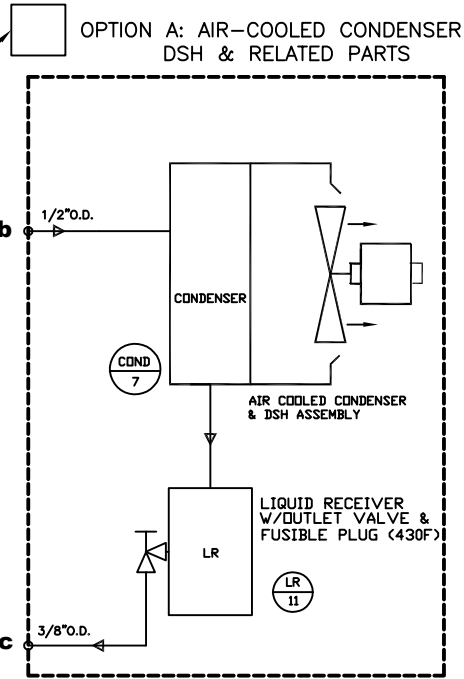




CONDENSER & DSH OPTIONS



SOLENOID VALVE OPERATIONS:

TEMP ONLY: 4SQL, 1BSOL CLOSE, 8BSOL ALWAYS OPEN, 8SQL PROPORTION DURING STEADY STATE OPERATION, WHEN SET POINT IS CLOSE TO AMBIENT TEMP (25C) CLOSE 8SQL AND PROPORTIONING HEATER TO BALANCE EXCESS COOLING THROUGH CT

TEMP-RH CONTROL: 8BSOL CLOSE; 1BSOL & 8SQL FLIP FLOP; 4SQL PROPORTION

ITEM	QTY	DESCRIPTION	PART NO
FOR ALL APPLICABLE SYS: AC & WC, W/ OR W/O RH CONTROL			
1	1	COMPRESSOR BITZER 2FES-2-EU-OD, 208~230-1-60	306372
2	1	SEPERATOR,OIL,TEMPRITE 901, 1/2"ODS	301805
5	1	PRESSURE SWITCH : LOW PRESSURE CUT-OUT	301350
6	1	PRESSURE SWITCH : HI PRESSURE CUT-OUT	301288
8	2	VALVE,SOL,XWV-1-OMKC-219-JAK W/MT,120/60HZ,3/8"ODS	301227
9	1	GLASS,SIGHT:3/8"SPORLAN SA-13S	301294
12	1	DRYER,LIQUID LINE,PARKER CU LLD 5-3S,3/8"ODS	100165
13	1	SUCTION LINE ACCUMULATOR,5/8"ODS REFRIG RESEARCH 3702	302053
14	1	FUSIBLE PLUG (283 DEG. F)	300520
15	1	VALVE,THERMAL EXPANSION,EBFS-AA-L1	302659
16	1	VALVE EXPANSION SPORLAN AJA-0/55 STRT, 3/8"ODS	305923
17	2	CAP TUBE (6-1/2 FT. 0.080 ID, CUT IN HOUSE)	299999
21	1	COIL,COOLING COIL,6RDx8FPIx8THx19.50FL	306268
23	AS REQD	3/4" THK. ARMAFLEX INSULATION-5/8" I.D.	
24	1	VALVE, THERMAL EXPANSION,SPORLAN EBFSE-A-SZ-3X5	302660
29	1	REGULATOR, SUCT PRES, SPORLAN CROT-6-0/60,5/8"ODS	302560
IF AIR-COOLED CONDENSER IS SELECTED			
7	1	AIR COOLED CONDENSER ASSEMBLY (INCLUDE COIL 306269)	---
11	1	RECEIVER,W/OUT VALVE & FUS PLUG,3/8"IDS,REF RES# 6848	306062
IF WATER-COOLED CONDENSER IS SELECTED			
31	1	WATER COOLED COND	306200
30	1	WATER REGULATING VALVE,PENN V46AA-1	314052
18	1	FAN,W/ MOTOR,245 CFM,230V (FOR COMPRESSOR)	213697
IF RH CONTROL IS SELECTED			
8	2	VALVE,SOL,XWV-1-OMKC-219-JAK W/MT,120/60HZ,3/8"ODS	301227
10	1	COIL,SOLENOID 120V 50/60 SPORLAN #MKC-2	301249
11	1	VALVE,SOLENOID,BODY ONLY,5/8 SPORLAN #E10S250	301356
25	1	COIL,DEHUMID:1 2 11 8 3CZ0801K	306229
22	1	VALVE, EXPAN SPORLAN EBF5-AAC-3X4	302657
28	1	REGULATOR, EVAP PRES, SPORLAN ORIT-6-30/100-5/8"ODS	302658
-	-	---	-
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- NOTES:
- 1) WHEN BRAZING ALWAYS USE NITROGEN FLOWING IN TUBE TO AVOID SCALE.
 - 2) PCS (8), (19), & (22) TO BE INSTALLED IN A HORIZONTA LINE ONLY.
 - 3) INSULATE ALL SUCTION LINES WITH PC.(23)
 - * 4)
 - 5) BULBS OF XV1,2,6 TO BE ATTACHED TO HORIZONTAL SUCTION LINES; AVOID INSTALLING BULBS ON THE BOTTOM OF LINES) LOCATE EQUILIZATION LINES OF XV1,2 IMMEDIATELY DOWNSTREAM OF BULBS
 - 6) REFRIGERANT CHARGE:
LIQUID RECEIVER PUMP DOWN AC R507, 5.4 LBS
LIQUID RECEIVER PUMP DOWN WC R507, 3.8 LBS

P	ITEM 10, 17/11 301248 WAS P/N 302635	PSR	6/16/17
N	UPDATED QTY TO 2" ON ITEM 8 & DELETED IT 24 FROM RH BOX	MAB	5/22/17
M	CHANGED PIPING AND VALVE ARRANGEMENT	BMM	4/07/16
L	REMOVED 302856 FROM RH ONLY TO ALL MODELS.	BC	9/11/15
K	REMOVED 302856 PER REQUEST MS	BH	6-1-15
J	REMOVED 302856, ADDED 302856, 301277	BH	5-8-15
H	ALL UNITS TO INCLUDE SUCTION PRESSURE REGULATOR	BJO	08/14/14
G	CHANGED REFRIGERANT R404A TO R507	BJO	04/17/14
F	ADDED CHARGE FOR WATER COOLED	BJO	10/28/13
E	CHANGED PART# 301351 TO 301288 REMOVED NOTE# 4	CWC	6/24/13
D	ADDED HEAD FAN PART# FOR WC, ADDED LENGTH AND DESCRIPTION FOR CT, ADDED LR TO WC UNITS	BAC	4/19/13
C	ITEM 22 WAS ITEM 26	TLZ	09/13/12
B	ITEM 15 WAS PART NUMBER 305922	TLZ	09/10/12
A	ADDED TRY INSTALLATION NOTE 5: SWAP TRY EE LINE COIL & BUILD LOCATIONS: SWAP EPR & 1BSOL LOCK	CZT	4/18/2012

TOLERANCE: +/- .25"	REV	DESCRIPTION	BY	DATE
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CUSTOMER: TENNEY C-EVO & TC-TXV				
DRN: CZT	DATE: 4/18/2012	FILE: REFRIGERATION SCHEMATIC	ORDER NO: -	
APP: -	DATE: -	MOD: C10/20/30/40/64 S/RS	SCALE: -	SHEET: 1 of 1