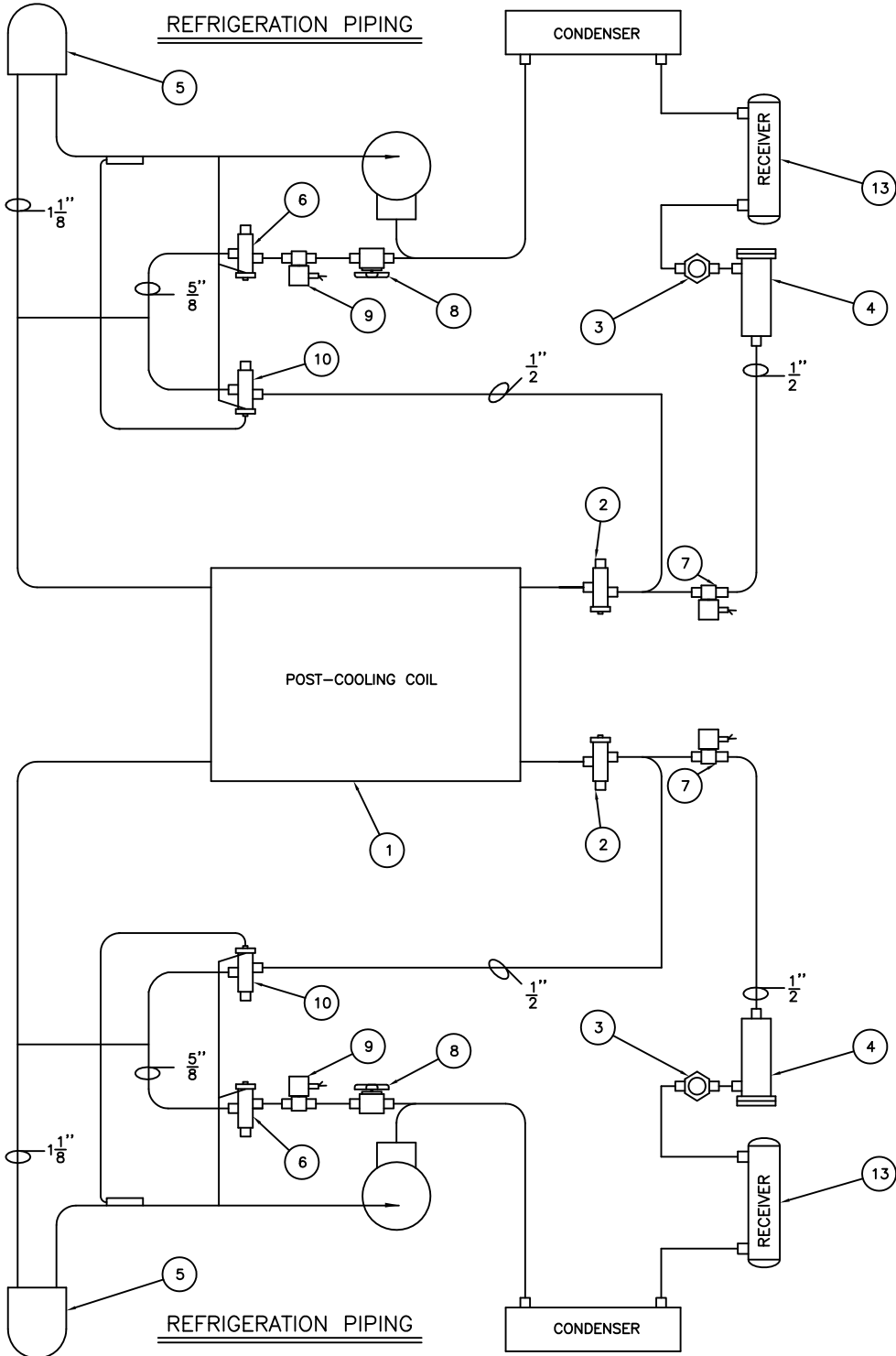




COIL CONSTRUCTION	
GENERAL	
Manufacturer	Luvata or Equal
Frame Material	16 Ga. Galv. Steel
HEADERS	
Material	Copper
O.D.	2 5/8"
Wall Thickness	0.083"
TUBES	
Material	Copper
O.D.	5/8"
Wall Thickness	0.025"
FINS	
Material	Aluminum
Fin Thickness	0.0075"
Type	B

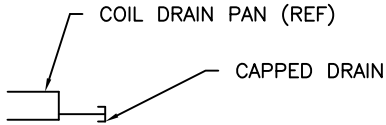
NOTES:

1. ALL PIPING AND REFRIGERATION SPECIALTIES TO BE PROVIDED AND INSTALLED BY BRY-AIR.
2. COOLING COIL (ITEM #1) AND DRAIN (CAPPED) ASSEMBLY TO BE PROVIDED BY BRY-AIR.

———— PIPING BY BRY-AIR
----- PIPING BY OTHERS

BILL OF MATERIAL			
ITEM	QUAN	P/N	DESCRIPTION
1	1	217064-300	POST-COOLING COIL : DIRECT EXPANSION SEE SCHEDULE THIS PAGE
2	2	38805	ELECTRONIC EXPANSION VALVE : SPORLAN EX4 - 3/8 ODF x 5/8 ODF
3	2	38649	SIGHT GLASS, 1/2" ODF, SPORLAN SA-14S
4	2	38650	LIQUID LINE FILTER DRIER, 1/2" ODF, SPORLAN C-304-S
5	2	38035	SUCTION LINE ACCUMULATOR, 1 1/8" ODF REFRIGERATION RESEARCH #3700
6	2	38198	DISCHARGE BYPASS VALVE : DIRECT ACTING, W/EXTERNAL EQUALIZER, 7/8" ODF SPORLAN HGBE-8
7	2	38653	LIQUID LINE SOLENOID VALVE, 1/2" ODF, SPORLAN E9S240-HP (MKC-2 COIL)
8	2	40195	HAND VALVE, 5/8" ODF
9	2	38192	HOT GAS SOLENOID VALVE, 7/8" ODF SPORLAN E19S270-HP (MKC-2 COIL)
10	2	38186	LIQUID INJECT VALVE, 5/8" ODF, W/EXTERNAL EQUALIZER
	2	38187	VALVE, SPORLAN ERZE6GA POWER ASS'Y, SPORLAN KT45LO
11			NOT USED
12			NOT USED
13	2	38672	REFRIGERANT RECEIVER
	2	40730	RECIEVER : REFRIGERATION RESEARCH #3310 HORIZONTAL VALVE 1" ROTALOCK x 5/8" I.D. SWEAT :
	2	40744	STANDARD REFRIGERATION #H05ST RIGHT ANGLE ADAPTER 1" ROTALOCK x 5/8" I.D. SWEAT :
	4	38675	STANDARD REFRIGERATION #SA05 TEFLON GASKET : REFRIGERATION RESEARCH #24591

COIL PERFORMANCE DATA											
DIMENSIONS				CFM	CAP-BTUH	AIR VELOCITY FPM	AIR TEMPERATURE		REFRIGERANT		PRESS. DROP INCH-WATER
FH	FL	ROWS	FPI		TOTAL		ENT DB	LVG DB	TYPE	SST	
19.5	30	6	12	2,100	103,175	517	83.7F	36 °F	R410A	25 °F	0.67



LINE SIZE : 3/4" NPT

COIL DRAIN TRAP DETAIL

RELATED DRAWINGS :
NOTE: DRAWING NUMBERS DO NOT SHOW DRAWING REVISION LEVEL.

REV.	MADE BY APPR. BY	DATE	DESCRIPTION OF CHANGE

REVISIONS



BRY-AIR, INC.
ROUTE 37-W
SUNBURY OHIO 43074
TEL (740) 965-2974
FAX (740) 965-5470

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All dimensions are in inches unless other-wise noted.

TITLE: REFRIGERATION PIPING SCHEMATIC (POST)
VFB-9-E-2100-DXA-EHA-HEPA

FOR: LUBRIZOL OILFIELD CHEMISTRY, LLC
LETTSDALE, PA

DR. W.RICE DATE: 09/05/17

CK. DATE:

APPR. DATE:

ORDER NO. SGB-217064

CUST. ORDER NO. 4502802462

SCALE: N/A SIZE: B DWG. NO. 217064-R1 PAGE 1 OF 1