



NOTES:

1. CASING: STRUCTURAL STEEL TUBE WELDED TOGETHER, AND 20 GA STEEL PANELS BOLTED.
2. REFRIGERATION PIPING: TYPE L SEAMLESS COPPER TUBING. OPTIMUM EFFICIENCY.
3. WATER PIPING: SCH. 40 STEEL.
4. CONDENSER FLOW: DESIGN FLOW 3.0 GPM/TON
5. COMPRESSOR: SUCTION GAS COOLED SINGLE ROTARY SCREW COMPRESSOR WITH INTERNAL OIL SEPARATION, OIL SIGHT GLASS, MOTOR PROTECTION AND "IMMERSION TYPE" OIL HEATER.
6. CONTROLS: COMPRESSOR CONTACTOR AND OVERLOAD, CONTROL SYSTEM TRANSFORMER 120/1/60, CONTROLLER TRANSFORMER 24/1/60, HIGH AND LOW PRESSURE SENSORS, MANUAL HIGH PRESSURE SAFETY SWITCH, NEMA 1 ELECTRICAL BOX, COMPRESSOR AND TRANSFORMER FUSES.

CHILLER WEIGHT (SHIP)	WATER HEADERS (BASED ON FLOW RATE)	VOLT	SCREW COMPRESSOR			MCA	RFS	MOP
			PWS-RLA	PWS-LRA	RLA			
3,700 LBS	ø6"	575	50.5	416	101	127	150	250
		460	63.0	520	126	159	200	300
		230	126.0	1040	252	316	400	600

PWS: PART WINDING START
 RLA: RATED LOAD AMPS
 LRA: LOCKED ROTOR AMPS
 MCA: MIN. CIRCUIT AMPACITY
 RFS: RECOMMENDED FUSE SIZE
 MOP: MAX. OVERLOAD PROTECTION



TANDEM CHILLERS						
MODEL NO.		WCUX110SSY				
TITLE HIGH EFFICIENCY WC CONDENSING UNIT R134A						
SCALE	PROVED	DRAWN	DATE	JOB NO.	DRAWIN NO.	REV
1/2"=1'-0"	R.L.	T.Q.	JAN.31, 13	---	31-0061-CU	1st