



NOTES:

- CASING:** STRUCTURAL STEEL TUBE WELDED TOGETHER, AND 20 GA STEEL PANELS BOLTED.
- REFRIGERATION PIPING:** TYPE L SEAMLESS COPPER TUBING. OPTIMUM EFFICIENCY.
- WATER PIPING:** SCH. 40 STEEL.
- CONDENSING FLOW:** DESIGN FLOW 3.0 GPM/TON
- COMPRESSOR:** SUCTION GAS COOLED SINGLE ROTARY SCREW COMPRESSOR WITH INTERNAL OIL SEPARATION, OIL SIGHT GLASS, MOTOR PROTECTION AND "IMMERSION TYPE" OIL HEATER.
- 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 MAIN FLOW RATE)	VOLT	SCA2-800E SCREW COMPRESSOR				MCA	RFS	MOP
			HP	PWS-RLA	PWS-LRA	RLA			
3,360 LBS	Ø6"	575	80	34.0	346	68	86	100	150
		460	80	42.5	433	85	107	125	200
		230	80	84.5	966	169	212	250	400
		208	80	93.5	966	187	235	300	450

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.		WCU080SSY				
TITLE		WATER COOLED CONDENSING UNIT R134A				
SCALE	PROVED	DRAWN	DATE	JOB NO.	DRAWIN NO.	REV
1/2"=1'-0"	R.L.	T.Q.	JAN.31, 11	---	31-0207-CU	1st