



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. CONDENSING 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 MAIN FLOW RATE)	VOLT	SCA2-600E SCREW COMPRESSOR				MCA	RFS	MOP
			HP	PWS-RLA	PWS-LRA	RLA			
2,500 LBS	ø6"	575	60	27.0	212	54	68	80	125
		460	60	34.0	267	68	86	100	150
		230	60	67.5	559	135	170	200	300
		208	60	75.0	559	150	188	225	350

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. WCU060SSY									
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	---	31-0085-CU	1st			