



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	SCA2-700E SCREW COMPRESSOR				MCA	RFS	MOP
			HP	PWS-RLA	PWS-LRA	RLA			
2,520 LBS	ø6"	575	70	31.5	259	63	80	100	150
		460	70	39.0	303	78	98	125	175
		230	70	78.0	669	156	196	250	350
		208	70	86.5	669	173	217	300	400

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. WCU070SSY						
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	---	31-0206-CU	1st