



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	SCA2-14HE SCREW COMPRESSOR				MCA	RFS	MOP
			HP	PWS-RLA	PWS-LRA	RLA			
3,700 LBS	ø6"	575	140	59.0	577	118	148	175	275
		460	140	73.5	716	147	185	225	350
		230	140	147.0	1612	294	368	450	700
		208	140	162.5	1612	325	407	500	800

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.		WCU140SSY				
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	---	31-0338-CU	1st