



**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	SCA2-11HE SCREW COMPRESSOR				MCA	RFS	MOP
			HP	PWS-RLA	PWS-LRA	RLA			
3,550 LBS	ø6"	575	100	47.0	449	94	118	150	225
		460	100	58.5	563	117	147	175	300
		230	100	116.5	1250	233	292	350	600
		208	100	129.0	1250	258	323	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		TANDEM CHILLERS						
		MODEL NO.		WCU100SSY				
		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	---	31-0061-CU	1st		