



LINE SIZE		
LENGTH	DISCHARGE	LIQUID
50'	ø1 5/8"	ø1 3/8"
100'	ø2 1/8"	ø1 3/8"
150'	ø2 1/8"	ø1 5/8"

**NOTES:**

- CASING:** HEAVY 12 GAUGE S.S. & G.S. FRAME BOLTED TOGETHER, 22 GAUGE S.S. & G.S. PANELS.
- WATER PIPING:** SCH. 40 STEEL
- REFRIGERATION PIPING:** TYPE L SEAMLESS COPPER TUBING.
- EVAPORATING FLOW:** DESIGN FLOW 2.4 GPM/TON.
- RECEIVER:** HOLDING CAPACITY 25 LBS PER CIRCUIT. RECEIVER SIZE 8 5/8" DIA x 16"H.
- COMPRESSOR:** SUCTION GAS COOLED DUAL SCROLL COMPRESSORS WITH OIL SIGHT GLASS, OPTIONAL EXTERNAL "BAND TYPE" CRANKCASE HEATER.
- CONTROLS:** COMPRESSOR CONTACTOR, CONTROL TRANSFORMER 24/1/60, HIGH AND LOW PRESSURE SENSOR, MANUAL RESET HIGH PRESSURE SAFETY SWITCH, EVAPORATOR WATER ENTERING SENSORS AND FLOW SWITCH, NEMA 1 ELECTRICAL BOX, COMPRESSOR AND TRANSFORMER FUSES.

CHILLER WEIGHT (SHIP)	WATER HEADER (BASED ON FLOW RATE)	VOLT	COMPRESSOR (B)				MCA	RFS	MOP
			QTY	HP	RLA	LRA			
1,980 LBS	ø6"	575	2	40	56.2	250	127	150	200
		460	2	40	70.3	299	159	175	250
		230	2	40	140.6	681	317	350	500
		208	2	40	155.4	681	351	400	500

RLA: RATED LOAD AMPS  
 LRA: LOCKED ROTOR AMPS  
 MCA: MIN. CIRCUIT AMPACITY  
 RFS: RECOMMENDED FUSE SIZE  
 MOP: MAX. OVERLOAD PROTECTION



TANDEM CHILLERS						
MODEL NO.		WCLX080DZV				
TITLE		CONDENSERLESS CHILLER R410A				
SCALE	DESIGN	DRAWN	DATE	JOB NO.	DRAWIN NO.	REV
1/2"=1'-0"	R.L.	T.Q.	JAN.31, 11	---	31-0404	1st