



**NOTES:**

1. **CASING:** HEAVY DUTY FRAME AND PANELS FROM SATIN COATED SHEET METAL WITH A BAKED ON POWDER PAINT.
2. **CONDENSER COIL:** HIGH PERFORMANCE BRAZED ALUMINUM CONDENSER COIL. VERTICAL MICRO-CHANNEL TUBES.
3. **FAN:** INSTALLED ON 2 HP 1140 RPM MOTOR WITH INTERNAL OVERLOAD PROTECTION. 30" DIA. FANS BLADES WITH A STEEL SPUN VENTURI TO PROVIDE MAXIMUM FAN EFFICIENCY AND MINIMUM NOISE.
4. **COMPRESSOR:** SUCTION GAS COOLED DUAL SCROLL COMPRESSORS WITH OIL SIGHT GLASS, INTERNAL MOTOR PROTECTION AND EXTERNAL "BAND TYPE" CRANKCASE HEATER.
5. **EVAPORATOR:** DESIGN WATER FLOW 2.4 GPM/TON.
6. **WATER PIPING:** SCH. 40 STEEL HEADERS AND BRANCH PIPES WITH ISOLATION VALVES.
7. **REFRIGERATION PIPING:** ACR TYPE L SEAMLESS COPPER TUBING.
8. **CONTROLS:** COMPRESSOR CONTACTORS, FANS WITH PRESSURE CYCLING, CONTROL TRANSFORMER 24/1/60, HIGH AND LOW PRESSURE SENSORS, MANUAL RESET HIGH PRESSURE SAFETY SWITCH, EVAPORATOR WATER FLOW SWITCH, ENTERING AND LEAVING WATER TEMPERATURE SENSORS, NEMA 4 CONTROL PANEL, COMPRESSOR, FAN AND TRANSFORMER FUSES.

CHILLER WEIGHT (SHIP)	WATER HEADERS	VOLT	COMPRESSOR (C)				CONDENSER FAN				MCA	MOP	RFS
			QTY	HP	RLA	LRA	QTY	HP	RPM	FLA			
2,100 LBS	ø4"~ø6"	575	2	17.5	27.1	180	2	2	1140	2.7	67	100	80
		460			33.9	225				3.4	84	125	100
		230			71.3	505				6.8	175	250	200
		208			71.3	505				7.5	176	250	200

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

TANDEM CHILLERS



**TANDEM CHILLERS**

MODEL NO.		VX035DZV									
TITLE									V-COIL AC CHILLER & 30" FAN R410A		
SCALE	PROVED	DRAWN	DATE	JOB NO.	DRAWING NO.	REV.					
3/8"=1'-0"	R.L.	I.C.	JAN.31, 14	---	31-0235	1st					