



| LINE SIZE | | |
|-----------|------------------------|------------------------|
| LENGTH | SUCTION | LIQUID |
| 50' | $\phi 2 \frac{1}{8}$ " | $\phi 1 \frac{3}{8}$ " |
| 100' | $\phi 2 \frac{1}{8}$ " | $\phi 1 \frac{3}{8}$ " |
| 150' | $\phi 2 \frac{5}{8}$ " | $\phi 1 \frac{3}{8}$ " |

NOTES:

- CASING:** HEAVY 12 GAUGE GAVANIZED STEEL FRAME BOLTED TOGETHER.
- REFRIGERATION PIPING:** TYPE L SEAMLESS COPPER TUBING. OPTIMUM EFFICIENCY.
- WATER PIPING:** SCH. 40 STEEL.
- CONDENSER:** DESIGN FLOW 3.0 GPM/TON.
- COMPRESSOR:** SUCTION GAS COOLED DUAL SCROLL COMPRESSORS WITH OIL SIGHT GLASS, INTERNAL MOTOR PROTECTION AND 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, NEMA 1 ELECTRICAL BOX, COMPRESSOR AND TRANSFORMER FUSES.

| UNIT WEIGHT (SHIP) | WATER HEADER (BASED ON FLOW RATE) | VOLT | COMPRESSOR (B) | | | | MCA | RFS | MOP |
|--------------------|-----------------------------------|------|----------------|------|-------|-----|-----|-----|-----|
| | | | QTY | HP | RLA | LRA | | | |
| 1,910 LBS | $\phi 6$ " | 575 | 2 | 42.5 | 41.1 | 250 | 93 | 125 | 150 |
| | | 460 | 2 | 42.5 | 51.3 | 299 | 116 | 150 | 175 |
| | | 230 | 2 | 42.5 | 102.7 | 681 | 232 | 300 | 350 |
| | | 208 | 2 | 42.5 | 113.5 | 681 | 256 | 300 | 400 |

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



TANDEM CHILLERS

| | | | | | | |
|--|--------|-------|------------|---------|------------|-----|
| MODEL NO. WCUX085DZV | | | | | | |
| TITLE WATER COOLED CONDENSING UNIT R410A | | | | | | |
| SCALE | PROVED | DRAWN | DATE | JOB NO. | DRAWIN NO. | REV |
| 1/2"=1'-0" | R.L. | I.C. | JAN.31, 14 | --- | 31-0365-CU | 1st |