



FOR V-BELT DRIVEN UNITS. MOTOR TO BE LOCATED ON INLET SIDE OF BLOWER.

* USED ON OIL COOLED UNITS ONLY.

WATER COOLER INLET TO BE ON DISCHARGE SIDE OF HEADPLATE.
1 GPM WATER-FLOW RATE AT 40 PSIG MAX. WATER PRESSURE.

INLET AND DISCHARGE FLANGES TO MATE FLUSH AND SQUARE WITH FLAT FACE FLANGE ONLY. USE FULL FACE GASKET.

| | 10" FLG. | 12" FLG. | 14" FLG. |
|-----------------|----------|----------|----------|
| OPENING | 10.00 | 12.00 | 14.00 |
| BOLT CIRCLE | 14.25 | 17.00 | 18.75 |
| FLANGE O.D. | 16.70 | 19.00 | 21.00 |
| NR TAPPED HOLES | 12 | 12 | 12 |
| SIZE HOLES | 7/8 - 9 | 7/8 - 9 | 1 - 8 |
| TAP DEPTH | 1.31 | 1.31 | 1.50 |

W - INLET
W' - DISCHARGE
AD - SNEAVE WIDTH
AE - SNEAVE DIAMETER

ALL DIMENSIONS IN INCHES

RCS-J WHISPAIR BLOWER - BOTT. DRIVE

| FRAME SIZE | A | B | C | D | E | F | G | H | J | K | M | N | O | P | R | U | V | KEYWAY | W | W' | AA | AD | AE | OIL CAPACITY | | APPROX. WEIGHT | |
|------------|-------|-------|-------|-------|------|-------|------|------|------|------|-------|------|-------|-------|-------|------|------|-------------|---------|---------|---------|------|------|--------------|------------|----------------|----------|
| | | | | | | | | | | | | | | | | | | | | | | | | G.E. | D.E. | | |
| 817 JV | 13.75 | 24.25 | 38.63 | 13.00 | 4.63 | 10.75 | 1.00 | 1.00 | 4.00 | 3.25 | 14.50 | 5.00 | 30.00 | 25.50 | 17.00 | 2.75 | 4.00 | .625 x .313 | 10" FLG | 10" FLG | 12.75 | 7.19 | 13.2 | 144 FL. OZ. | 80 FL. OZ. | 1620 LBS | |
| 821 JV | " | 27.88 | 42.25 | " | " | 12.56 | " | " | " | " | 16.31 | " | " | " | " | " | " | " | " | 12" FLG | 10" FLG | " | " | " | " | " | 1800 LBS |
| 826 JV | " | 33.13 | 47.50 | " | " | 15.19 | " | " | " | " | 18.94 | " | " | " | " | " | " | " | " | 12" FLG | 12" FLG | " | " | " | " | " | 2075 LBS |
| 832 JV | " | 38.50 | 52.00 | " | " | 17.88 | " | " | " | " | 21.63 | " | " | " | " | " | " | " | " | 14" FLG | 12" FLG | " | " | " | " | " | 2325 LBS |

CERTIFIED CORRECT FOR

CUSTOMER ORDER NO.
ROOTS ORDER NO.
DATE

V-BELT DRIVE DATA

BELTS
DRIVE SNEAVE
DRIVEN SNEAVE
CENTER DISTANCE



DRESSER INDUSTRIES, INC.
ROOTS OPERATIONS
900 WEST MOUNT STREET, CONNERSVILLE, INDIANA 47331
TELEPHONE: 317/825-2181

REM 10/23/85
ADW/m/caf/85
RSC - 11/24/85

BY: RDR 9/19/96 15:44 4876-6 CHKD: APP: RDM

864-928-021