





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

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

	5" FLG.	6" FLG.	8" FLG.	10" FLG.
OPENING	5.00	6.00	8.00	10.00
BOLT CIRCLE	8.50	9.50	11.75	14.25
FLANGE O.D.	10.30	11.00	13.50	16.00
NO. TAPPED HOLES	8	8	8	12
SIZE HOLES	3/4-10	3/4-10	3/4-10	7/8-9
TAP DEPTH	1.13	1.13	1.13	1.31

W - INLET  
 W' - DISCHARGE  
 AD - SHEAVE WIDTH  
 AE - SHEAVE DIAMETER  
 AW - JET INLET

**DVJ DRY VACUUM WHISPAIR BLOWER-BOTTOM DRIVE**

SIZE	A	B	C	D	E	F	G	H	J	K	M	N	O	P	R	U	V	KEYWAY	W	W'	AA	AA'	AD	AE	AW	AX	OIL CAPACITY	APPROX. WEIGHT
406 JV	7.50	10.88	20.38	6.75	2.50	4.75	.50	.44	2.00	2.44	7.13	3.31	16.63	17.75	9.00	1.50	2.75	.375 x .188	4" NPT	5" NPT	7.25	10.50	3.53	6.50	4" NPT	6.75	32.5 FL.OZ.	365
412 JV	7.50	16.88	26.38	6.75	2.50	7.75	.50	.44	2.00	2.44	10.13	3.31	16.63	17.75	9.00	1.50	2.75	.375 x .188	6" FLG.	6" FLG.	6.00	11.75	3.53	6.50	5" FLG	6.50	32.5 FL.OZ.	575
616 JV	10.00	21.44	32.50	9.00	3.50	9.75	.63	.56	2.50	2.75	12.56	4.19	21.63	21.25	12.00	2.00	3.63	.500 x .250	8" FLG.	10" FLG.	7.50	13.75	4.44	8.50	8" FLG	6.75	70 FL.OZ.	975

ALL DIMENSIONS IN INCHES

CERTIFIED CORRECT FOR  
 CUSTOMER ORDER NO. \_\_\_\_\_  
 ROOTS ORDER NO. \_\_\_\_\_  
 DATE \_\_\_\_\_

V-BELT DRIVE DATA

BELTS \_\_\_\_\_  
 DRIVE SHEAVE \_\_\_\_\_  
 DRIVEN SHEAVE \_\_\_\_\_  
 CENTER DISTANCE \_\_\_\_\_



DRESSER INDUSTRIES, INC.  
 ROOTS DIVISION  
 900 WEST MOUNT STREET,  
 CONNERSVILLE, INDIANA 47331

REM 9/17/86  
 FLR

**865-637-021**