

No. REQ'D.	PART NAME	PATT. No. PART No.	MAT'L.
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W - INLET  
W' - DISCHARGE  
AD - MAXIMUM SHEAVE WIDTH (SEE OVERHUNG LOAD LIMIT K-24102)  
AE - MINIMUM SHEAVE DIAMETER (SEE OVERHUNG LOAD LIMIT K-24102)  
ALL DIMENSIONS IN INCHES

INLET & DISCHARGE FLANGES TO MATE FLUSH & SQUARE WITH FLAT FACE FLANGE ONLY. USE FULL FACE GASKETS.  
V-BELT DRIVEN UNITS: MOTOR TO BE LOCATED ON INLET SIDE OF BLOWER.

A 5048V C 5420V D 5560V E 5767V  
F 5986V

FLG	5"	6"	8"	10"
OPENING	5"	6"	8"	10"
BOLT CIRCLE	8.50	9.50	11.75	14.25
FLANGE O.D.	10.00	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	1.13

FRAME SIZE	A	A'	B	C	D	D'	E	E'	F	G	H	J	K	M	N	O	P	R	S	U	V	KEYWAY	W	W'	AAA	AA'	AB	AD	AE	AF	APPROX WEIGHT
404	9.00	1.00	8.75	18.50	11.25	7.50	2.50	4.75	3.75	.38	.44	2.50	2.00	5.95	3.48	6.63	14.50	9.00	4.50	1.50	2.75	.375x.188	3"NPT	3"NPT	7.25	7.25	7.63	3.06	7.10	15.25	260
406	"	"	10.75	20.50	"	"	"	4.75	"	"	"	"	"	6.95	"	"	"	"	"	"	"	"	4"NPT	4"NPT	"	"	"	"	"	"	300
409	"	"	13.75	23.50	"	"	"	"	6.25	"	"	"	"	8.45	"	"	"	"	"	"	"	"	5"NPT	5"NPT	"	"	"	"	"	"	350
412	"	"	16.75	26.50	"	"	"	"	7.75	"	"	"	"	9.95	"	13.00	"	"	"	"	"	"	6"FLG	6"FLG	6.00	7.00	"	"	"	"	400
418	"	"	22.75	32.50	"	"	"	"	10.75	"	"	"	"	12.95	"	14.00	"	"	"	"	"	"	8"FLG	8"FLG	7.00	"	"	"	"	"	500
616	9.00	15.00	20.75	32.19	15.00	9.00	3.50	6.50	9.75	.38	.56	2.50	2.00	12.41	4.30	22.00	16.25	12.00	6.00	2.00	3.63	.500x.250	8"FLG	8"FLG	7.50	8.75	10.00	4.44	8.50	20.00	700
624	"	"	28.75	40.19	"	"	"	"	13.75	"	"	"	"	16.41	"	"	17.50	"	"	"	"	"	10"FLG	8"FLG	8.75	"	"	"	"	"	910


NO. REF.	DATE	DR. RDR	CHKD. BMS	APP. FDA	REV	DATE	CHG. NOTICE	CHKD.	APP.
<b>CONFIDENTIAL</b>									
THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF ROOTS DIVISION, DRESSER INDUSTRIES, INC. IT SHALL BE HELD IN STRICTEST CONFIDENCE, AND BE USED ONLY IN CONNECTION WITH ROOTS DIVISION BUSINESS.									
L	ADDED NIPLLE & ELBOW	VC	11/17/00	T16	RK				
K	ADDED "INLET" & "DISCH"	RDR		6484V					
J	REV DIM "H" ON 600	RDR		6294V	BMS	AGP			
H	REV DIM "AF" ON 600	RDR		6260V	BMS	AGP			
G	REV DIM "M" ON 624	RDR		6186V	BMS	DB			

**DO NOT SCALE FOR DIMENSIONS**  
ALL DIMENSIONS SHOWN IN BRACKETS ARE IN MILLIMETERS

## 400/600 SERIES

### RAM

(WHISPAIR) RAM-J/RAM-SJ & RAM-VJ



ROOTS DIVISION  
DRESSER, INC.  
HOUSTON, TX USA

78389021

REV L