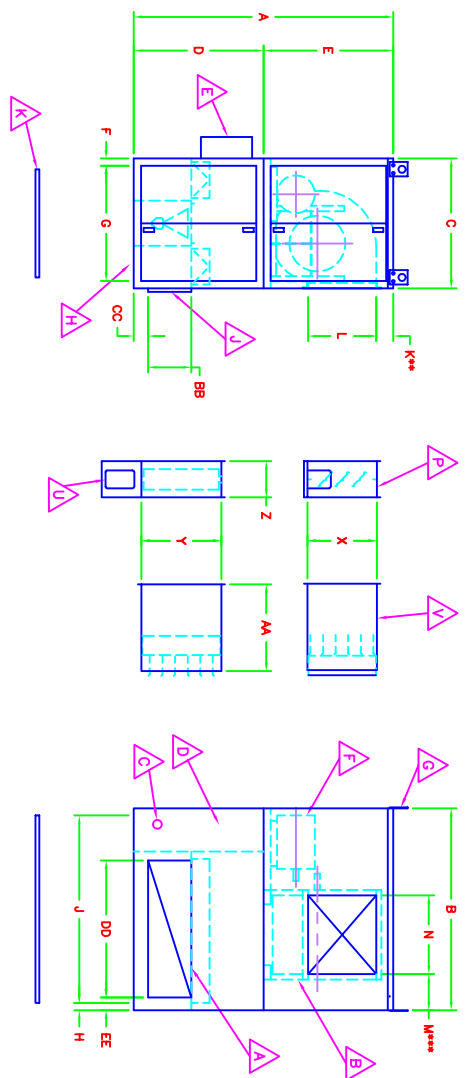
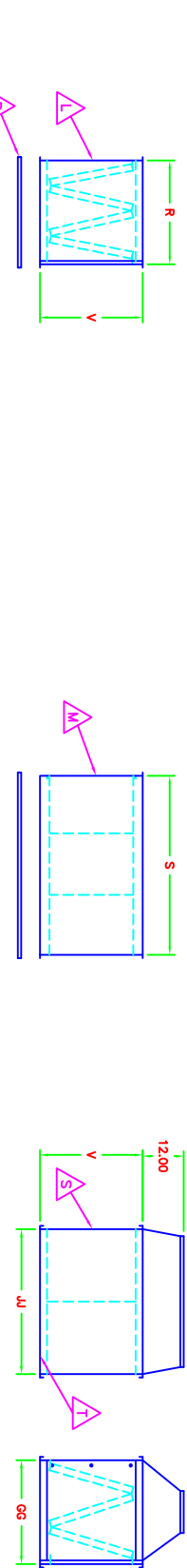


CASING	A	B	C	D	E	F	G	H	J	K	L	M	N	R	S	V	W	X	Y	Z	AA	BB	CC	DD	EE	FF	GG	HH	JJ	F.A. FILTER CAPACITY	R.A. FILTER CAPACITY
12	70	50	36	-	-	1.25	33.5	1.25	47.5	6.25	13.56	12	15.75	29.25	43.5	32	-	19	19	10	24	11.5	1.25	29.5	3.75	11.75	29.25	29.75	43.5	(4)20"x25"	(4)20"x25"
15	70	50	36	-	-	1.25	33.5	1.25	47.5	2.25	16	10.25	18.75	29.25	43.5	32	-	19	19	10	24	11.5	1.25	29.5	3.75	11.75	29.25	29.75	43.5	(4)20"x25"	(4)20"x25"
18	82	65	50	-	-	1.25	47.38	1.25	62.38	10.50	19.13	11.25	22	43.25	60	32	-	19.38	22.38	10	24	12.50	4.25	41.75	5.13	12.75	43.25	42	60	(9)20"x25"	(9)20"x25"
20	82	65	50	-	-	1.25	47.38	1.25	62.38	3.75	25	11.25	22.75	43.25	60	32	-	25.25	23.25	10	24	12.50	4.25	41.75	5.13	12.75	43.25	42	60	(9)20"x25"	(9)20"x25"
22	100	80	50	50	50	1.25	47.38	1.25	77.38	8.75	27.25	15	27.25	43.25	76.50	32	-	27.5	27.5	10	24	14	3	58	1.25	14.25	43.25	58.25	76.5	(4)16"x25" & (12)20"x25"	(4)16"x25" & (12)20"x25"
25	100	80	50	50	50	1.25	47.38	1.25	77.38	3.5	31.5	15	31.5	43.25	76.50	32	-	31.75	31.75	10	24	14	3	58	1.25	14.25	43.25	58.25	76.5	(4)16"x25" & (12)20"x25"	(4)16"x25" & (12)20"x25"
27	110	88	60	50	60	1.75	56.50	1.75	84.50	8.50	34.50	16.25	34.50	53.25	83.50	32	-	34.75	34.75	10	24	15.75	1.75	65.13	1.75	16.00	53.25	65.38	83.50	(20)16"x25" & (5)20"x25"	(20)16"x25" & (5)20"x25"
30	110	88	60	50	60	1.75	56.50	1.75	84.50	4.25	37.00	16.25	37.00	53.25	83.50	32	-	37.25	37.25	10	24	15.75	1.75	65.13	1.75	16.00	53.25	65.38	83.50	(20)16"x25" & (5)20"x25"	(20)16"x25" & (5)20"x25"
33	128	112	70	58	70	1.75	66.50	1.75	108.50	10.44	43.25	19.75	39.81	63.63	107.25	32	-	43.50	40.06	10	24	21.25	5.75	75.75	8.25	21.50	65.75	76.00	107.25	(10)16"x25" & (20)20"x25"	(10)16"x25" & (20)20"x25"
36	128	112	70	58	70	1.75	66.50	1.75	108.50	10.44	43.25	19.75	42.81	63.63	107.25	32	-	43.50	43.06	10	24	21.25	5.75	75.75	8.25	21.50	65.75	76.00	107.25	(10)16"x25" & (20)20"x25"	(10)16"x25" & (20)20"x25"

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- NOTES:
- \*\*\* TO DAMPER DIMENSION IS 2" ON MODELS 10,12,15
  - \*\*\*\* TO DAMPER DIMENSION IS 10" ON MODELS 10,12,15
  - MODELS 22/25 AND LARGER ARE BUILT AS A SPLIT UNIT
  - REAR ACCESS DOORS PROVIDED ON MODELS 22/25 LARGER
  - EQUIPMENT SUPPORT RECOMMENDED UNDER RETURN AIR INTAKE FILTER
- A 80/20 BURNER PROFILE
  - B FC DWDI BLOWER
  - C GAS CONNECTION
  - D ELEC./MANIFOLD CONTROLS VESTIBLE
  - E MAIN DISCONNECT SWITCH
  - F SUPPLY FAN BLOWER MOTOR
  - G REMOVABLE LIFTING LUG
  - H FRESH AIR INTAKE OPENING
  - J RETURN AIR INTAKE OPENING
  - K FRESH AIR OPENING INLET SCREEN
  - L FRESH AIR INTAKE FILTER
  - M FRESH AIR INTAKE FILTER SERVICE DOOR
  - N DISCHARGE DAMPER
  - P FRESH AIR FILTER INLET SCREEN
  - R RETURN AIR INTAKE FILTER
  - S RETURN AIR INTAKE SCREEN
  - T DAMPER MOTOR
  - V DISCHARGE DIFFUSER



**RUPP AIR MANAGEMENT SYSTEMS**

DRAWING/PART NUMBER: VM1836SDI R

SCALE: DO NOT SCALE DRAWING USE DIMENSIONS SHOWN  
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED

DRAWN BY: TKL  
DATE: 09/28/00  
APPROVED BY:  
DATE:

REV	TITLE	REVISION DESCRIPTION	ECH NO	DWG	DATE

VERTICAL-12M THRU 36M  
SIDE DISCHARGE LEFT TO RIGHT

TOLERANCES:  
2 PLCS ±.03  
3 PLCS ±.015