

**STANDARD CONSTRUCTION**
**FRAME:**

ROLL FORMED ALUMINUM ASSEMBLED USING CORNER CLIPS TO ASSURE HAIRLINE MITERED CORNERS.

**BLADES:**

TEAR-DROP SHAPE ROLL FORMED ALUMINUM. EACH BLADE IS INDIVIDUALLY ADJUSTABLE (WITHOUT USE OF SPECIAL TOOLS). BLADES ARE SPACED 3/4" ON CENTERS AND ARE MOUNTED ON PRESSURE FITTED POLYPROPYLENE RETAINERS TO ASSURE A QUIET AND RIGID ASSEMBLY.

VM: VERTICAL BLADES

HM: HORIZONTAL BLADES

**VANES:**

DEFLECTION VANES ARE EASILY SET WITHOUT USE OF SPECIAL TOOLS.

**DAMPER:**

MULTI-SHUTTER DAMPER IS EASILY ADJUSTED.

**DEPTH:**

NARROW DEPTH OF DAMPER DESIGN ALLOWS GRILL/DAMPER COMBINATION TO BE USED IN STACKHEADS OF MINIMUM DEPTHS.

**GASKET:**

RUBBER GASKET IN COMPLIANCE WITH FLORIDA STATE BUILDING CODE.

**OPTIONAL:**

MODEL PF PLASTER FRAMES ARE AVAILABLE.

**FINISH:**

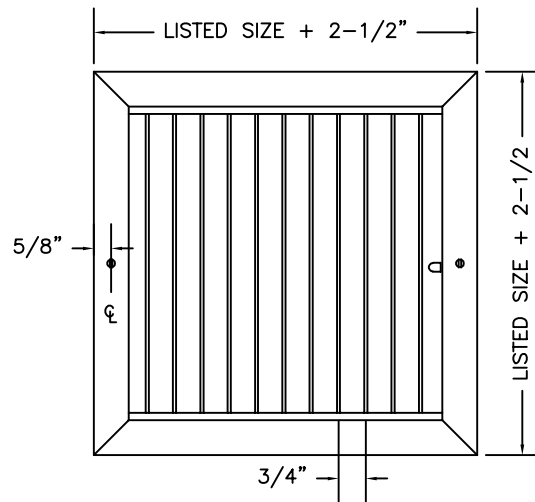
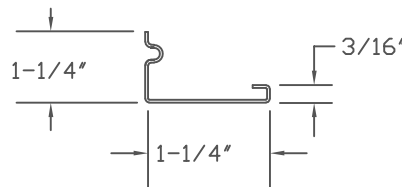
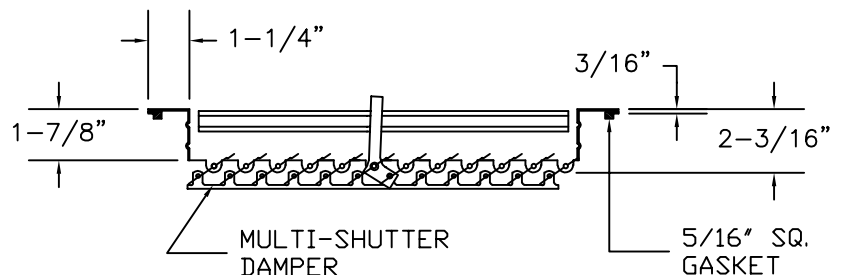
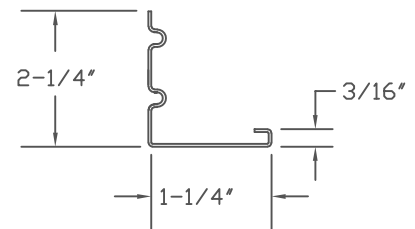
SKY-WHITE (STANDARD)

MILL FINISH (OPTIONAL)

**SIZES:**

4" X 4" MIN

24" X 12" MAX


**STANDARD FRAME PROFILE**

**EXTRUDED FRAME PROFILE**


JOB NAME:
LOCATION:
ARCHITECT:
ENGINEER:
CONTRACTOR:
<p>CONTACT GRILLE TECH INC. FOR ADDITIONAL INFORMATION OR WITH SPECIAL REQUIREMENTS.</p> <p>5101 NW 36TH AVE MIAMI, FL 33142 PHONE: 305-537-0053 FAX: 305-537-0064</p> <p>WEB: WWW.GRILLETECHINC.COM EMAIL: SALES@GRILLETECHINC.COM</p>

**MODEL VM AND HM**

ALUMINUM SINGLE DEFLECTION SUPPLY  
WITH MULTI-SHUTTER DAMPER

NOTE: ALL DRAWINGS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

DRAWN BY:	MR	DATE:	6/10/17	SCALE:	NOT TO SCALE	DRAWING NO.	VM/HM
CHECKED BY:	IG	DATE:	6/30/17	REVISION:	6/10/17		



**Supply: V, H, VH, HV, - EV, EH, EVH, EHV (pg. 1 of 2)**

Neck Velocity	FPM	300	400	500	600	700	800	1000	1200	1400	1600	1800
<b>NECK SIZE</b>	<b>Pv</b>	<b>.006</b>	<b>.010</b>	<b>.016</b>	<b>.022</b>	<b>.031</b>	<b>.040</b>	<b>.062</b>	<b>.090</b>	<b>.122</b>	<b>.159</b>	<b>.202</b>
	<b>Pt</b>	<b>.017</b>	<b>.029</b>	<b>.047</b>	<b>.065</b>	<b>.088</b>	<b>.117</b>	<b>.181</b>	<b>.265</b>	<b>.358</b>	<b>.467</b>	<b>.593</b>
<b>6 x 4"</b>	CFM	35	50	60	70	85	95	120	140	165	190	210
	Throw	4-12	5-14	7-16	8-17	9-19	11-20	13-22	14-24	15-26	16-28	17-30
	Drop	3	3.5	4	4	4.5	4.5	5	5	6	6	6
	NC	<20	<20	<20	<20	<20	22	28	34	39	43	46
<b>6 x 6"</b> <b>8 x 4"</b>	CFM	55	70	90	110	125	145	180	215	250	290	323
	Throw	4-13	6-15	7-17	9-19	10-20	11-22	14-24	15-26	17-29	18-31	19-33
	Drop	3.5	4	4.5	5	5.5	5.5	6	7.5	8	9	9.5
	NC	<20	<20	<20	<20	20	24	30	36	41	45	48
<b>10 x 4"</b>	CFM	65	90	110	130	155	175	220	265	310	350	395
	Throw	4-14	7-17	8-19	9-21	11-23	13-24	16-27	17-29	19-32	20-34	21-36
	Drop	3.5	4	4.5	5	5.5	6	6.5	7.5	8.5	10	10.5
	NC	<20	<20	<20	<20	20	24	30	36	41	45	48
<b>12 x 4"</b> <b>8 x 6"</b>	CFM	80	105	130	155	180	210	260	310	365	415	470
	Throw	5-16	7-19	9-21	10-23	17-24	14-26	17-29	19-32	20-35	22-37	23-40
	Drop	4.5	5.5	6	6.5	7	7.5	8.5	8.5	9	10	11
	NC	<20	<20	<20	<20	21	25	31	37	42	46	49
<b>16 x 4"</b> <b>10 x 6"</b>	CFM	100	135	170	205	240	270	340	410	475	545	610
	Throw	5-18	8-21	10-24	12-26	14-28	16-30	20-33	22-37	23-40	25-42	26-45
	Drop	5.5	6	6.5	7	7.5	8.5	9	10	11.5	12	12.5
	NC	<20	<20	<20	<20	21	25	31	37	42	46	49
<b>18 x 4"</b> <b>12 x 6"</b> <b>8 x 8"</b>	CFM	115	155	195	235	275	310	390	470	545	625	700
	Throw	6-19	9-23	11-25	13-28	15-30	17-32	21-36	23-40	25-42	27-45	28-48
	Drop	5.5	6.5	7	7.5	8.5	8.5	10	11	12	13	14
	NC	<20	<20	<20	<20	22	26	32	38	43	47	50
<b>20 x 4"</b> <b>14 x 6"</b> <b>10 x 8"</b>	CFM	140	185	230	275	320	370	460	550	645	735	830
	Throw	7-22	9-25	12-27	14-30	16-32	19-35	23-39	25-43	27-46	29-49	31-52
	Drop	9	10	12	12.5	13	14	15	16	17	18	19
	NC	<20	<20	<20	<20	23	27	35	39	41	48	51
<b>24 x 4"</b> <b>16 x 6"</b>	CFM	155	210	260	310	365	415	520	625	730	830	935
	Throw	7-23	10-26	13-29	15-32	18-35	20-37	24-41	27-45	29-49	31-52	32-55
	Drop	10	10.5	11	12	12.5	13	13.5	14	14.5	17	18
	NC	<20	<20	<20	<20	24	28	36	40	42	49	52
<b>28 x 4"</b> <b>12 x 8"</b> <b>10 x 10"</b>	CFM	180	240	300	360	420	480	600	720	840	960	1080
	Throw	7-24	11-28	14-31	16-34	19-37	22-40	26-45	29-48	31-52	23-56	35-39
	Drop	9	10	10.5	11	11.5	12	12.5	14.5	16.5	18.5	19.5
	NC	<20	<20	<20	20	25	29	37	41	43	50	53
<b>30 x 4"</b> <b>20 x 6"</b> <b>14 x 8"</b>	CFM	205	275	345	415	485	550	690	830	965	1100	1240
	Throw	8-26	12-30	15-34	18-37	21-40	24-43	28-47	30-52	33-56	35-60	37-63
	Drop	8	8.5	9	10	10.5	11.5	13	16	17.5	19	19.5
	NC	<20	<20	<20	20	25	29	37	41	43	50	53
<b>34 x 6"</b> <b>24 x 8"</b> <b>16 x 12"</b>	CFM	355	470	590	710	825	945	1180	1420	1650	1890	2120
	Throw	10-34	15-40	19-44	23-48	27-52	31-56	36-62	40-67	43-73	45-78	48-83
	Drop	11.5	12	13.5	15	17.5	18.5	18.5	21.5	22	22.5	23
	NC	<20	<20	<20	22	27	31	39	43	45	52	55