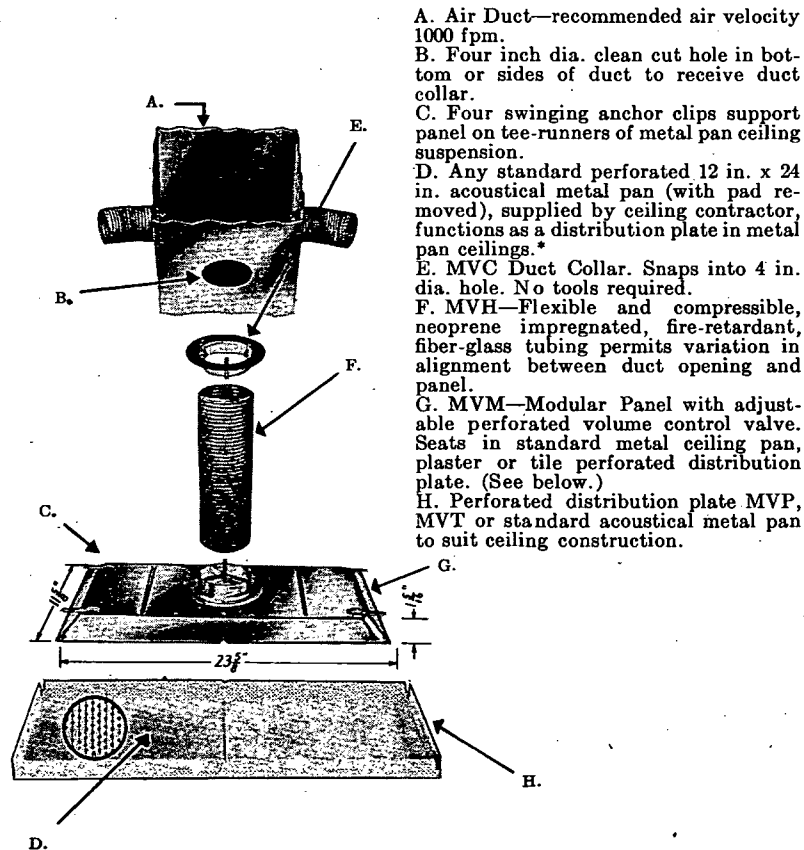


The Pyle-National Company

Multi-Vent Division
1363-78 N. Kostner Ave.
Chicago 51, Illinois



Sales Engineers and Agents
in Principal Cities of
U. S. and Canada



ADVANTAGES OF MULTI-VENT TYPE AIR DIFFUSER

1. Conditioned air is delivered straight down into the room at a comfortable low velocity.
2. Complete concealment when used with standard perforated metal pan ceilings.
3. Complete freedom of partition movement with no mechanical adjustment or relocation required because air gently drops straight down.
4. Eliminates dirt smudge on ceiling, usually found adjacent to conventional diffusers having horizontal high velocity distribution.
5. Exceptional performance with no drafts even when used on applications requiring 60 air changes per hour.

* Sect. 1-C-Page 37 of the Multi-Vent Engineering Manual for Sound Level Data.

THE PYLE-NATIONAL COMPANY

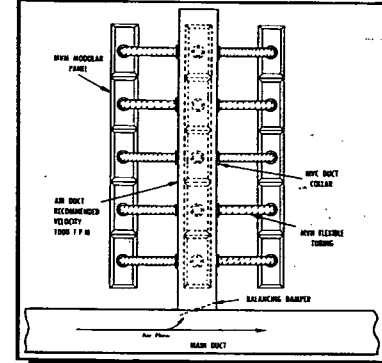
Multi-Vent Division

MVM MODULAR PANEL SELECTION DATA

T/D	CFM† LIMIT	BTU/ HR	VALVE OPENED TO:			
			¼"	⅜"	½"	¾"
15°	60	971	.138	.099	.087	.077
20°	45	971	.076	.055	.048	.043
25°	36	971	.048	.035	.031	.027

* For plenum applications consult factory
† Refer to sound level chart when perforated acoustical ceiling pans are used for distribution

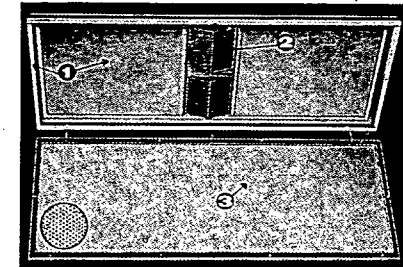
RECOMMENDED MODULAR LAYOUT



TYPE-MVAR UNITARY MULTI-VENT PANEL

1. The Control Plate and Frame are installed in the bottom of the air supply duct of plenum or in a collar extending down through the ceiling.
2. The Pressure Displacement Air Valve is located in the center of the control plate. Its function is to control the volume of air admitted to the unit and to reduce both velocity and pressure of the incoming air.
3. The Perforated Plate spreads the delivery of the incoming air over a large area and further reduces the velocity which, in a typical installation, is only 30 to 50 ft per minute at 6 in. below the perforated plate.

cleaning equipment, perforations will not clog.



Type MVAR Multi-Vent Panel for duct or plenum applications

Even with relatively inefficient air

TYPE MVAR PANEL SELECTION DATA

PANEL CATALOG No.	PANEL DIMENSIONS			COOLING OR COMBINATION HEATING & COOLING LIMITS PER PANEL									
	Width ft	Length ft	Area sq ft	CUBIC FEET PER MINUTE					BTU/HR SENSIBLE HEAT				
				5° T/D	10° T/D	15° T/D	20° T/D	25° T/D	5° T/D	10° T/D	15° T/D	20° T/D	25° T/D
MVAR-122-1	1	2	2	74	70	60	46	36	405	756	972	994	972
MVAR-123-2	1	3	3	111	105	90	69	54	600	1134	1458	1490	1458
MVAR-124-2	1	4	4	148	140	120	92	72	799	1512	1944	1987	1944
MVAR-125-3	1	5	5	185	175	150	115	90	999	1890	2430	2484	2430
MVAR-126-3	1	6	6	222	210	180	138	108	1199	2268	2916	2981	2916
MVAR-224-1	2	4	8	280	240	176	144	104	1512	2592	3564	3610	2808
MVAR-245-1	2	5	10	300	300	220	180	130	1620	3240	4320	4388	3510
MVAR-246-1	2	6	12	300	300	264	216	156	1620	3240	4320	4388	3510
MVAR-364-1	3	4	12	300	264	216	156	120	1620	2592	3564	3610	2808
MVAR-365-2	3	5	15	300	300	270	195	150	1620	3240	4320	4388	3510
MVAR-365-2	3	5	15	300	300	270	195	150	1620	3240	4320	4388	3510
MVAR-366-1	3	6	18	300	300	324	234	180	1620	3240	4320	4388	3510
MVAR-366-2	3	6	18	300	300	324	234	180	1620	3240	4320	4388	3510