

HVAC VENT ASSEMBLY GRILLES

FOUR SIZES: 8X4, 10X6, 14X8, & 13X13

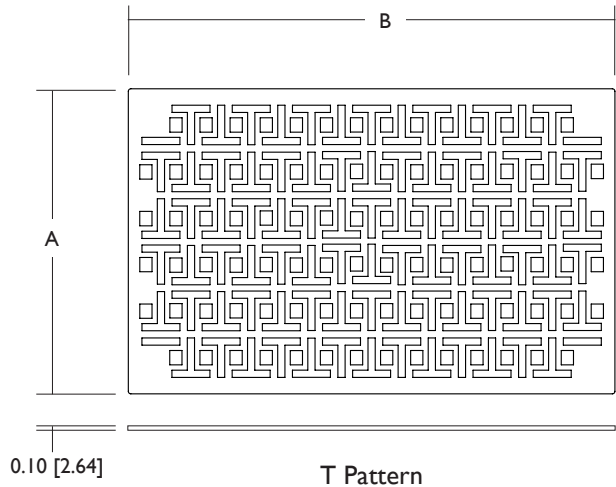
DESCRIPTION:

Applications:

Grilles are designed to provide a consistent and flush finish when utilized in conjunction with TRUFIG mounting platforms. Grilles are attached directly to the mounting platform using four, depth-adjustable, neodymium magnets. The neodymium magnets are rated at 20.12 lbs. of pull force per magnet. Grille seismic strap is also included for safety. The grilles are designed to work in both gypsum and solid surface applications.

Patterns & Sizes:

Grilles are available in four sizes and four patterns. Custom patterns available to quote upon request.



TECHNICAL:

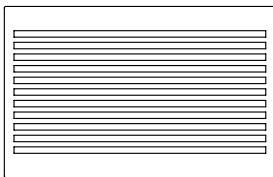
Materials:

12 GA AWG steel

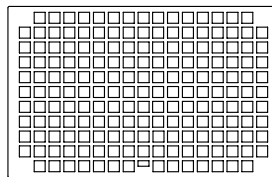
Finish:

Powder coated, white, paint-ready finish

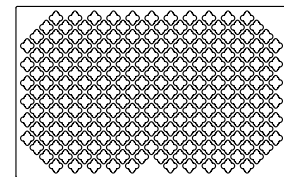
DIM.	8 X 4	10 X 6	14 X 8	13 X 13
A	4.39" [112mm]	6.63" [168mm]	8.18" [208mm]	13.25" [337mm]
B	7.71" [196mm]	10.51" [267mm]	14.25" [362mm]	13.25" [337mm]



Slotted Pattern



Square



Cross Pattern

ORDERING & CFM INFO:

SKU.	DESC.	AVAILABLE AREA (SQ. FT)	OPEN AREA (SQ. FT)	OPEN AREA (%)	CFM @ 250 FPS	CFM @ 400 FPS	CFM @ 500 FPS	CFM @ 600 FPS	CFM @ 1000 FPS
50433	8X4 T PATTERN	0.20	0.09	45%	23	36	45	54	90
50427	8X4 SLOTTED PATTERN	0.13	0.09	54%	21	34	43	51	85
50439	8X4 SQUARE PATTERN	0.19	0.11	54%	26	42	56	63	105
50445	8X4 CROSS PATTERN	0.20	0.11	57%	28	45	56	67	112
50434	10X6 T PATTERN	0.41	0.19	47%	48	77	97	116	193
50428	10X6 SLOTTED PATTERN	0.34	0.19	54%	47	74	93	112	186
50440	10X6 SQUARE PATTERN	0.41	0.23	55%	57	92	115	137	229
50446	10X6 CROSS PATTERN	0.44	0.25	56%	62	98	123	148	246
50435	14X8 T PATTERN	0.76	0.20	48%	92	146	183	220	366
50429	14X8 SLOTTED PATTERN	0.61	.020	57%	88	141	176	211	352
50441	14X8 SQUARE PATTERN	0.68	0.20	58%	98	157	197	236	393
50447	14X8 CROSS PATTERN	0.73	0.20	51%	93	148	185	222	370
50436	13X13 T PATTERN	1.10	0.53	48%	132	210	263	316	526
50430	13X13 SLOTTED PATTERN	1.00	0.59	59%	147	234	293	352	586
50442	13X13 SQUARE PATTERN	1.01	0.62	61%	155	248	310	371	619
50448	13X13 CROSS PATTERN	1.12	0.58	52%	146	233	292	350	583

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TRUFIG

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HVAC VENT ASSEMBLY

MOUNTING PLATFORM - DRYWALL, PLASTER, & WALLPAPER

FOUR SIZES: 8X4, 10X6, 14X8, & 13X13

DESCRIPTION:

Applications:

Gypsum mounting platforms are designed for wall and ceiling installations and they contain an integrated back bracket that allows the HVAC contractor to easily adapt their duct work to the TRUFIG system. The mounting platforms are available in panel thicknesses of 1/2" and 5/8" and for a variety of wall coverings and finishes including: level 5 drywall, textured drywall, plaster, and wallpaper.

Flush Finish:

Platform technology allows for a zero-sightline, flush finish. Paint-ready, powder coated grilles provide flexible finishing options including paints and veneers.

Grilles:

Accepts TRUFIG HVAC Grilles. Grilles are available in four standard patterns for each size and custom configurations are available to quote upon request. Grilles attach to the mounting platform via four neodymium magnets rated at 20.12 lbs. of pull force per magnet. Grill seismic strap is also included for safety.

Accessories:

Directional Fins - attaches directly to the mounting platform behind the grille allowing air to be directed in a 45 degree angle.

Plaster shims - adjusts the mud dam in 1/16" increments to accommodate up to 3/8" plaster thickness

TECHNICAL:

Materials:

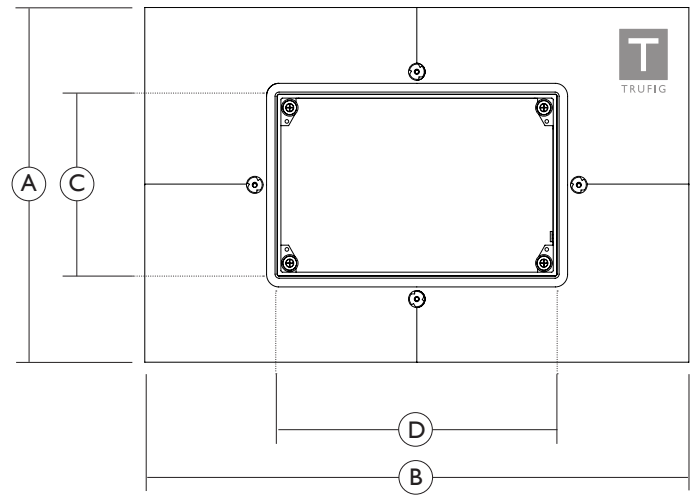
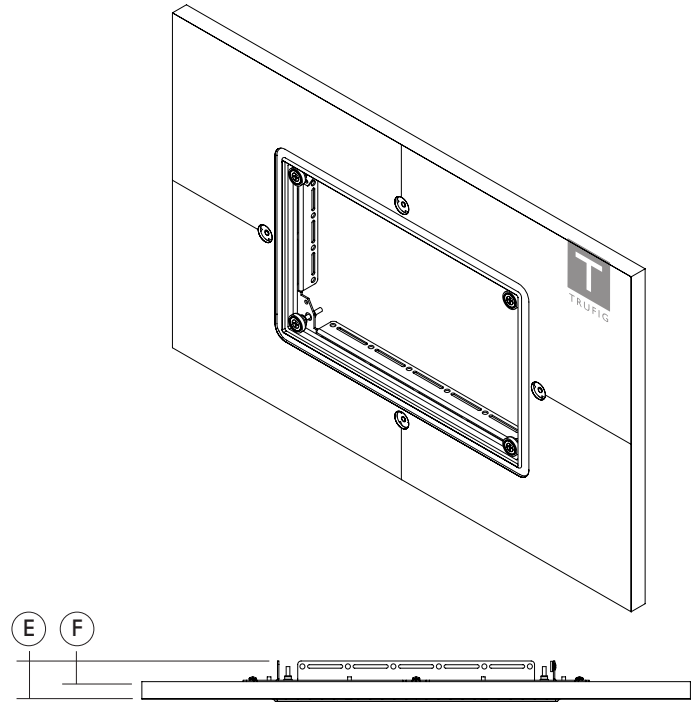
- Panel* - Pressed gypsum (fire class A, 95% recycled material). Gypsum material is impact, mold and moisture resistant.
- Back Bracket* - 16 GA Galvanized G-90 Steel
- Mud Dam* - Precision machined aluminum

Environment:

For indoor use only - mounting platform can be used in damp locations such as kitchens, back-splashes, and bathrooms.

ORDERING INFO:

8x4 HVAC, 5/8" Gypsum	Model#: 50264
8x4 HVAC, 1/2" Gypsum	Model#: 50258
10X6 HVAC, 5/8" Gypsum	Model# 50265
10X6 HVAC, 1/2" Gypsum	Model# 50259
14X8 HVAC, 5/8" Gypsum	Model# 50266
14X8 HVAC, 1/2" Gypsum	Model# 50260
13X13 HVAC, 5/8" Gypsum	Model# 50267
13X13 HVAC, 1/2" Gypsum	Model# 50261



DIM.	8 X 4	10 X 6	14 X 8	13 X 13
A	11.50" [292mm]	11.50" [292mm]	14.50" [368mm]	20.00" [508mm]
B	20.50" [521mm]	20.50" [521mm]	22.00" [559mm]	20.00" [508mm]
C	5.03" [128mm]	7.27" [185mm]	8.82" [224mm]	13.89" [353mm]
D	8.35" [212mm]	11.15" [283mm]	14.89" [378mm]	13.89" [353mm]
E	1.38" [35mm]	1.38" [35mm]	1.38" [35mm]	1.38" [35mm]
F	0.75" [19mm]	0.75" [19mm]	0.75" [19mm]	0.75" [19mm]

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HVAC VENT ASSEMBLY

MOUNTING PLATFORM - STONE, WOOD, GLASS & OTHER SOLID SURFACES

FOUR SIZES: 8X4, 10X6, 14X8, & 13X13

DESCRIPTION:

Applications:

Solid surface mounting platforms are designed for wall and ceiling installations and they contain an integrated back bracket that allows the HVAC contractor to easily adapt their duct work to the TRUFIG system. The mounting platforms are available in panel thicknesses of 1/2" and 5/8" and for a variety of wall coverings and finishes including: stone, wood, glass, mirror, and large format tile. The platform is depth adjustable in order to accommodate solid surface materials from 3/8 to 1-1/4" thick.

Flush Finish:

Platform technology allows for a zero-sightline, flush finish. Paint-ready, powder coated grilles provide flexible finishing options including paints and veneers.

Grilles:

Accepts TRUFIG HVAC Grilles. Grilles are available in four standard patterns for each size and custom configurations are available to quote upon request. Grilles attach to the mounting platform via four neodymium magnets rated at 20.12 lbs. of pull force per magnet. Grill seismic strap is also included for safety.

Accessories:

Directional Fins - attaches directly to the mounting platform behind the grille allowing air to be directed in a 45 degree angle.
Router Template - quickly and precisely route fascia openings in the field with a rigid Plexiglas router template.

TECHNICAL:

Materials:

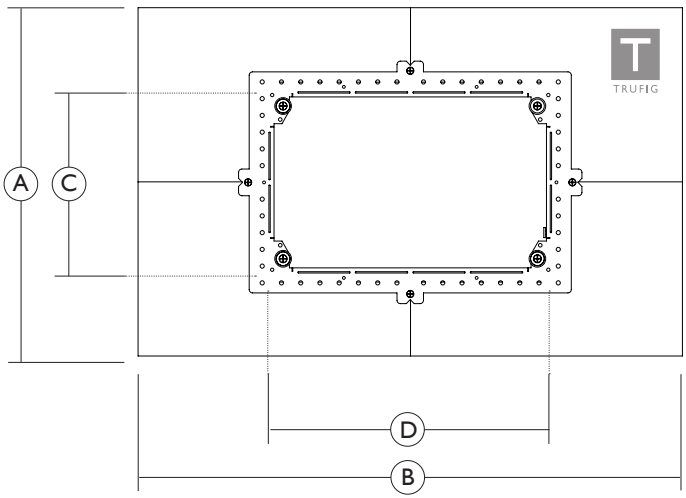
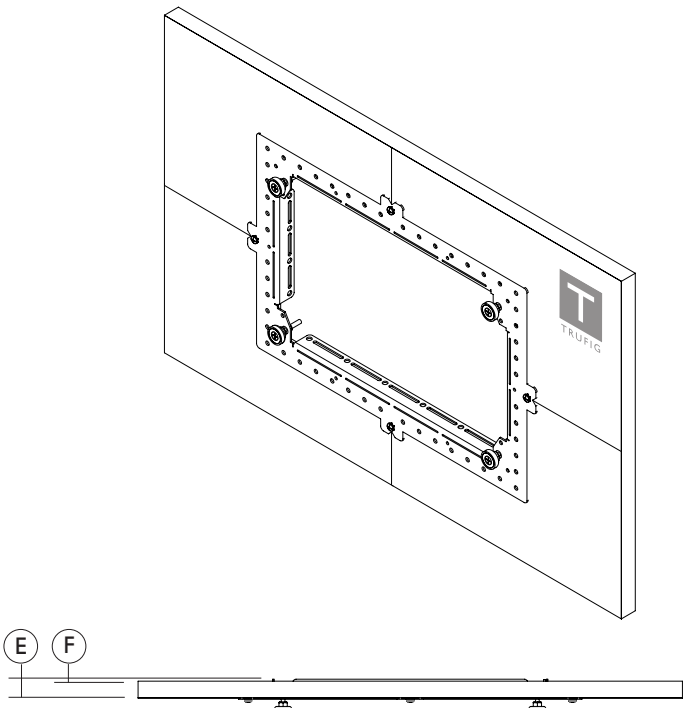
Panel - Pressed gypsum (fire class A, 95% recycled material). Gypsum material is impact, mold and moisture resistant.
Back Bracket - 16 GA Galvanized G-90 Steel
Mud Dam - Precision Machined Aluminum

Environment:

For indoor use only - mounting platform can be used in damp locations such as kitchens, back-splashes, and bathrooms.

ORDERING INFO:

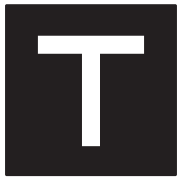
8x4 HVAC, 5/8" Gypsum	Model#: 50278
8x4 HVAC, 1/2" Gypsum	Model#: 50272
10X6 HVAC, 5/8" Gypsum	Model# 50279
10X6 HVAC, 1/2" Gypsum	Model# 50273
14X8 HVAC, 5/8" Gypsum	Model# 50280
14X8 HVAC, 1/2" Gypsum	Model# 50274
13X13 HVAC, 5/8" Gypsum	Model# 50281
13X13 HVAC, 1/2" Gypsum	Model# 50275



DIM.	8 X 4	10 X 6	14 X 8	13 X 13
A	11.50" [292mm]	11.50" [292mm]	14.50" [368mm]	20.00" [508mm]
B	20.50" [521mm]	20.50" [521mm]	22.00" [559mm]	20.00" [508mm]
C	5.03" [128mm]	7.27" [185mm]	8.82" [224mm]	13.89" [353mm]
D	8.35" [212mm]	11.15" [283mm]	14.89" [378mm]	13.89" [353mm]
E	0.70" [18mm]	0.70" [18mm]	0.70" [18mm]	0.70" [18mm]
F	0.07" [2mm]	0.07" [2mm]	0.07" [2mm]	0.07" [2mm]

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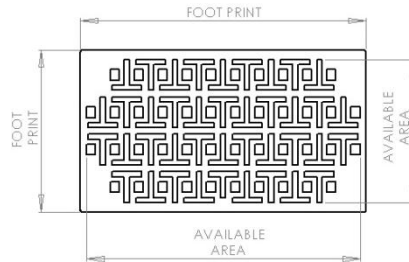
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TRUFIG



TRUFIG HVAC Performance Data

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PHYSICAL CHARACTERISTICS					VELOCITY				
SIZE	FOOT PRINT (IN.)	AVAILABLE AREA (SQ. FT)	OPEN AREA (SQ. FT)	OPEN AREA %	250	400	500	600	1000
					CUBIC FEET PER MINUTE CFM				
SMALL	4.4 X 7.7	0.20	0.09	45%	23	36	45	54	90
MEDIUM	6.6 X 10.5	0.41	0.19	47%	48	77	97	116	193
LARGE	8.2 X 14.3	0.76	0.37	48%	92	146	183	220	366
SQUARE	13.3 X 13.3	1.10	0.53	48%	132	210	263	316	526

SLOTS

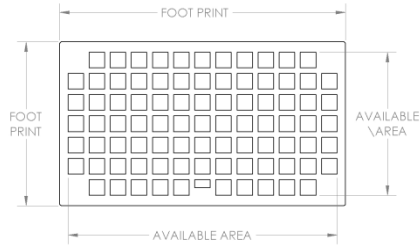


PHYSICAL CHARACTERISTICS					VELOCITY				
SIZE	FOOT PRINT (IN.)	AVAILABLE AREA (SQ. FT)	OPEN AREA (SQ. FT)	OPEN AREA %	250	400	500	600	1000
					CUBIC FEET PER MINUTE CFM				
SMALL	4.4 X 7.7	0.13	0.09	63%	21	34	43	51	85
MEDIUM	6.6 X 10.5	0.34	0.19	54%	47	74	93	112	186
LARGE	8.2 X 14.3	0.61	0.35	57%	88	141	176	211	352
SQUARE	13.3 X 13.3	1.00	0.59	59%	147	234	293	352	586



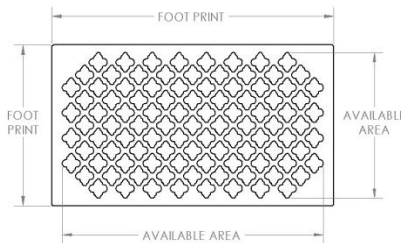
TRUFIG HVAC Performance Data

SQUARE



PHYSICAL CHARACTERISTICS					VELOCITY				
SIZE	FOOT PRINT (IN.)	AVAILABLE AREA (SQ. FT)	OPEN AREA (SQ. FT)	OPEN AREA %	250	400	500	600	1000
					CUBIC FEET PER MINUTE CFM				
SMALL	4.4 X 7.7	0.19	0.11	54%	26	42	53	63	105
MEDIUM	6.6 X 10.5	0.41	0.23	55%	57	92	115	137	229
LARGE	8.2 X 14.3	0.68	0.39	58%	98	157	197	236	393
SQUARE	13.3 X 13.3	1.01	0.62	61%	155	248	310	371	619

CLOVER CROSSES



PHYSICAL CHARACTERISTICS					VELOCITY				
SIZE	FOOT PRINT (IN.)	AVAILABLE AREA (SQ. FT)	OPEN AREA (SQ. FT)	OPEN AREA %	250	400	500	600	1000
					CUBIC FEET PER MINUTE CFM				
SMALL	4.4 X 7.7	0.20	0.11	57%	28	45	56	67	112
MEDIUM	6.6 X 10.5	0.44	0.25	56%	62	98	123	148	246
LARGE	8.2 X 14.3	0.73	0.37	51%	93	148	185	222	370
SQUARE	13.3 X 13.3	1.12	0.58	52%	146	233	292	350	583