

T-Series: Square and Round Diffusers



2x2 Square Diffusers

Basic Models

Product Information Description: 2x2 (23-3/4"/603mm) Square Therma-Fuser™ Diffusers

Model	Type	Diffuser Description	Size			
			6	8	10	12
Four Blade Damper						
TF	HC	VAV Heating and VAV Cooling	✓	✓	✓	✓
TF	CW	VAV Cooling and Warm Up (CV Heating)	✓	✓	✓	✓
TF	C	VAV Cooling Only	✓	✓	✓	✓
TF	D	Diffuser (Manually Adjustable)	✓	✓	✓	✓
TF	RA	Return Air	✓	✓	✓	✓
VA	HC	VAV Heating and VAV Cooling	✓	✓	✓	✓
VA	CW	VAV Cooling and Warm Up (CV Heating)	✓	✓	✓	✓
VA	C	VAV Cooling Only	✓	✓	✓	✓
LT	HC	VAV Heating and VAV Cooling	✓	✓		
LT	CW	VAV Cooling and Warm Up (CV Heating)	✓	✓		
LT	C	VAV Cooling Only	✓	✓		
Disc Damper						
ST	HC	VAV Heating and VAV Cooling	✓	✓	✓	✓
ST	C	VAV Cooling Only	✓	✓	✓	✓
TB	CW	VAV Cooling and Warm Up (CV Heating)	✓	✓	✓	✓
TB	C	VAV Cooling Only	✓	✓	✓	✓
TB	D	Diffuser (Manually Adjustable)	✓	✓	✓	✓

2x2 Round Diffusers

Basic Models

Product Information Description: 2dia (23-3/4"/603mm dia) Round Therma-Fuser™ Diffusers

Model	Type	Diffuser Description	Size			
			6	8	10	12
Four Blade Damper						
STR	HC	VAV Heating and VAV Cooling	✓	✓	✓	✓
STR	C	VAV Cooling Only	✓	✓	✓	✓
STR	RA	Return Air	✓	✓	✓	✓

1x1 Square Diffusers

Basic Models

Product Information Description: 1x1 (12-5/8"/320mm) Square Therma-Fuser™ Diffusers

Model	Type	Diffuser Description	Size			
			6	8	10	12
Four Blade Damper						
TK	HC	VAV Heating and VAV Cooling	✓			
TK	C	VAV Cooling Only	✓			
TK	D	Diffuser (Manually Adjustable)	✓			
TK	RA	Return Air	✓			
Disc Damper						
TN	CW	VAV Cooling and Warm Up (CV Heating)	✓			
TN	C	VAV Cooling Only	✓			
TN	D	Diffuser (Manually Adjustable)	✓			

T-Series: Square and Round Diffusers

Options and Accessories

Option Type		Option Description	T-Series							
			Available on Models							
			TF	VA	LT	ST	TB	STR	TK	TN
Wall Adjuster	Adj-D	Digital Wall Adjuster	✓	✓	✓	✓	✓	✓	✓	✓
	Adj-W	Wireless Wall Adjuster	✓	✓	✓	✓	✓	✓	✓	✓
	Adapter Plate	Adapter Plate	✓	✓	✓	✓	✓	✓	✓	✓
	DMA	Mount Adj-D on attic side of diffuser	✓	✓	✓	✓	✓	✓	✓	✓
Remote Adjust	DA1	Remote Adjust Digital	①	①	①	✓	✓	✓	①	✓
	WA1	Remote Adjust Wireless	①	①	①	✓	✓	✓	①	✓
	DA2	Remote Adjust Digital	①	①	①				①	
	WA2	Remote Adjust Wireless	①	①	①				①	
	Cable-D	Cable-D	✓	✓	✓	✓	✓	✓	✓	✓
Relief Rings	R6	Bypass Relief Ring (on 8" unit)	✓		✓	✓	✓			
	R8	Bypass Relief Ring (on 10" unit)	✓			✓	✓			
	R10	Bypass Relief Ring (on 12" unit)	✓			✓	✓			
Insulation	I	Insulation Attic side	✓	✓		✓	✓		✓	✓
Hanger	H	Security Hanger	✓	✓	✓	✓	✓	✓	✓	✓
Min. Flow	FR	Minimum Flow Stops, Rubber	✓	✓	✓					
	FS	Minimum Flow Stop, Screw	✓	✓	✓					
	FC	Minimum Flow Stop, Clip					✓			✓
Housing	595	Sheared Housing, 595mm	✓	✓	✓	✓	✓			
	SHT1	Sheared Housing, 23 3/16"	✓	✓	✓	✓	✓			
	SHT2	Sheared Housing, 22 3/4"	✓	✓	✓	✓	✓			
Baffles	D1	1-way blow	✓	✓	✓				✓	
	D2	2-way blow opposite	✓	✓	✓	✓	✓		✓	
	D2C	2-way blow corner	✓	✓	✓	✓	✓		✓	
	D3	3-way blow	✓	✓	✓	✓	✓		✓	
RT Sensor	3PS	3rd Party Sensor mounted in diffuser	✓	✓	✓	✓	✓	✓	✓	✓
	AS	Acutherm Sensor mounted in diffuser	✓	✓	✓	✓	✓	✓	✓	✓
Vari. Heat	NH	No Heat (closes in heating)	✓							
	LH	Limited Heat	✓							
Frames	AC-TFHD (bx)	Frame, Hard Ceiling	✓		✓	✓	✓			
	AC-TF4DB (ea)	Frame, 4" Drop Box & Support	✓		✓	✓	✓			
	AC-TF1DB (ea)	Frame, 1 7/16" Drop Box & Support	✓		✓	✓	✓			
	AC-TFSP (bx)	Frame, Spline Ceiling	✓		✓	✓	✓			
	AC-TFT1 (bx)	Frame, T1 Tegular (9/16" T-Bar)	✓		✓	✓	✓			
	AC-TFT2 (bx)	Frame, T2 Tegular (1" T-Bar)	✓		✓	✓	✓			
	AC-TFMSG (ea)	Minimum Security Grill	✓	✓	✓	✓	✓			
	AC-STRSR (bx)	Square to Round Frame						✓		
	AC-STRAL (ea)	Round Air Lifter						✓		
	AC-TKHD (bx)	Frame, Hard Ceiling							✓	✓
	AC-TK20 (bx)	Frame, 20" x 20"							✓	✓
	AC-TK500 (bx)	Frame, 500mm x 500mm							✓	✓
	AC-TK24 (bx)	Frame, 24" x 24"							✓	✓
	AC-TK600 (bx)	Frame, 600mm x 600mm							✓	✓
	AC-TKT1 (ea)	Frame, T1 Tegular (9/16" T-Bar)							✓	✓
	AC-TKT2 (ea)	Frame, T2 Tegular (1" T-Bar)							✓	✓
	AC-TK14 (bx)	Frame, 600mm x 600mm T1 Tegular (14mm T-Bar)							✓	✓
	AC-TK25 (bx)	Frame, 600mm x 600 mm T2 Tegular (25mm T-Bar)							✓	✓

Notes:

- ① DA1/WA1 Use DA1 and WA1 option for units with 1 elements.
- ① DA2/WA2 Use DA2 and WA2 option for units with 2 elements.
- SHT1 and SHT2 Required for TFT1 And TFT2 frames. See Ceiling Approaches Form 10.3.

T-Series: Linear Slot Diffusers

Basic Models

Linear Slot Diffusers

Product Information Description: Linear Slot Therma-Fuser™ Diffusers



Model	Type	Length																			
		24				36				48				60							
		1	2	4	1	2	4	1	2	4	1	2	4	1	2	4					
Blow	1	1	2	1	2	1	1	2	1	2	1	1	2	1	2	1	1	2	1	2	
TL	CW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TL	C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TL	D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TL	RAD	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TL	RAP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

"Continuous Look" Slot Diffuser

Product Information Description: "Continuous Look" Linear Slot Therma-Fuser™ Diffusers

Model	Type	Length																			
		24				36				48				60							
		1	2	4	1	2	4	1	2	4	1	2	4	1	2	4					
Blow	1	1	2	1	2	1	1	2	1	2	1	1	2	1	2	1	1	2	1	2	
TLC	CW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TLC	C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TLC	D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TLC	RAD	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TLC	RAP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Sidewall Linear Slot Diffuser

Product Information Description: Sidewall Linear Slot Therma-Fuser™ Diffusers

Model	Type	Length																			
		24				36				48				60							
		1	2	4	1	2	4	1	2	4	1	2	4	1	2	4					
Blow	1	1	2	1	2	1	1	2	1	2	1	1	2	1	2	1	1	2	1	2	
TLW	CW	✓	✓		✓		✓	✓		✓		✓	✓		✓		✓	✓		✓	
TLW	C	✓	✓		✓		✓	✓		✓		✓	✓		✓		✓	✓		✓	
TLW	D	✓	✓		✓		✓	✓		✓		✓	✓		✓		✓	✓		✓	
TLW	RAD	✓	✓		✓		✓	✓		✓		✓	✓		✓		✓	✓		✓	
TLW	RAP	✓	✓		✓		✓	✓		✓		✓	✓		✓		✓	✓		✓	

"Continuous Look" Sidewall Linear Slot Diffuser

Product Information Description: "Continuous Look" Sidewall Linear Slot Therma-Fuser™ Diffusers

Model	Type	Length																			
		24				36				48				60							
		1	2	4	1	2	4	1	2	4	1	2	4	1	2	4					
Blow	1	1	2	1	2	1	1	2	1	2	1	1	2	1	2	1	1	2	1	2	
TLWC	CW	✓	✓		✓		✓	✓		✓		✓	✓		✓		✓	✓		✓	
TLWC	C	✓	✓		✓		✓	✓		✓		✓	✓		✓		✓	✓		✓	
TLWC	D	✓	✓		✓		✓	✓		✓		✓	✓		✓		✓	✓		✓	
TLWC	RAD	✓	✓		✓		✓	✓		✓		✓	✓		✓		✓	✓		✓	
TLWC	RAP	✓	✓		✓		✓	✓		✓		✓	✓		✓		✓	✓		✓	

T-Series: Linear Slot Diffusers

Options and Accessories

Option Type		Option Description	T-Series							
			Available on Models							
			TL	TLC	TLW	TLWC				
Inlet Location	S	Inlet, Standard	✓	✓	✓	✓				
	O	Inlet, Opposite	✓	✓	ⓘ	ⓘ				
	R	Inlet, Rectangular	✓	✓	✓	✓				
Low Boot	10"H	10" Plenum/Low Boot	✓	✓	✓	✓				
Wall Adjuster	Adj-D	Digital Wall Adjuster	✓	✓	✓	✓				
	Adj-W	Wireless Wall Adjuster	✓	✓	✓	✓				
	Adapter Plate	Adapter Plate	✓	✓	✓	✓				
	DMA	Mount Adj-D on attic side of diffuser	✓	✓	✓	✓				
Remote Adjust	DA1	Remote Adjust Digital	ⓘ	ⓘ	ⓘ	ⓘ				
	WA1	Remote Adjust Wireless	ⓘ	ⓘ	ⓘ	ⓘ				
	DA2	Remote Adjust Digital	ⓘ	ⓘ	ⓘ	ⓘ				
	WA2	Remote Adjust Wireless	ⓘ	ⓘ	ⓘ	ⓘ				
	Cable-D	Cable-D	✓	✓	✓	✓				
Insulation	I	Insulation Attic side	✓	✓	✓	✓				
RT Sensor	3PS	3rd Party Sensor mounted in diffuser	✓	✓	✓	✓				
	AS	Acutherm Sensor mounted in diffuser	✓	✓	✓	✓				
Frames	AC-TL-HCF (ea)	Frame, Hard Ceiling	✓							
	AC-TL-TEG1 (ea)	Frame, Reveal	✓							
	AC-TEGEND (ea)	Reveal End Angle	✓							
	AC-MPEND (set)	Thin Tile End Angle	✓							
	AC-END (set)	End Angle		✓		✓				
	AC-CORNER (ea)	Corner (1 and 2 way)		✓		✓				
	AC-CORNER-4 (ea)	Corner (4 way)		✓		✓				

Notes:

- ⓘ Inlet O Contact Acutherm for more information about Opposite inlets on sidewall diffusers.
- ⓘ DA1/WA1 Use DA1 and WA1 option for units with 1 elements.
- ⓘ DA2/WA2 Use DA2 and WA2 option for units with 2 elements.



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