

E-Series: Square and Round Diffusers



2x2 Square Diffusers

Basic Models

Product Information Description: 2x2 (23-3/4"/603mm) Square Interoperable VAV Diffusers

Model	Protocol	Actuator	Diffuser Description	Size			
				6	8	10	12
Four Blade Damper							
EF	B	T	BACnet™ (VAV Heating and VAV Cooling) Thermal-Electric Motor	✓	✓	✓	✓
EF	B	M	BACnet™ (VAV Heating and VAV Cooling) Electric Motor	✓	✓	✓	✓
EF	L	T	LonTalk® (VAV Heating and VAV Cooling) Thermal-Electric Motor	✓	✓	✓	✓
EF	L	M	LonTalk® (VAV Heating and VAV Cooling) Electric Motor	✓	✓	✓	✓

Note:

BACnet™ (B) or LonTalk® (L) software

Thermal Actuator (T) or Electric Motor (M)

2x2 Round Diffusers

Basic Models

Product Information Description: 2dia (23-3/4"/603mm dia) Round Interoperable VAV Diffusers

Model	Protocol	Actuator	Diffuser Description	Size			
				6	8	10	12
Four Blade Damper							
EBR	B	M	BACnet™ (VAV Heating and VAV Cooling) Electric Motor	✓	✓	✓	✓

Note:

EBR requires Adjuster-B.

1x1 Square Diffusers

Basic Models

Product Information Description: 1x1 (12-5/8"/320mm) Square Interoperable VAV Diffusers

Model	Protocol	Actuator	Diffuser Description	Size			
				6	8	10	12
Four Blade Damper							
EK	B	M	BACnet™ (VAV Heating and VAV Cooling) Electric Motor	✓			
EK	L	M	LonTalk® (VAV Heating and VAV Cooling) Electric Motor	✓			

Note:

BACnet™ (B) or LonTalk® (L) software

EK requires Adjuster-B.

E-Series: Square and Round Diffusers

Options and Accessories



Option Type		Option Description	E-Series Available on Models				
			EF	EBR	EK		
Wall Adjuster	Adj-B	Remote Adjuster BACnet™	✓	✓	✓		
	Adapter Plate	Adapter Plate	✓	✓	✓		
	DMA	Mount Adj-B on attic side of diffuser	①	①	①		
	Cable-MM	Cable-MM	✓	✓	✓		
	L-Temp	L-Temp Adjuster	✓		✓		
Relief Rings	R6	Bypass Relief Ring (on 8" unit)	①				
	R8	Bypass Relief Ring (on 10" unit)	①				
	R10	Bypass Relief Ring (on 12" unit)	①				
Insulation	I	Insulation Attic side	✓		✓		
Hanger	H	Security Hanger	✓	✓	✓		
Housing	S95	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	✓		✓		
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 R6, R8, R10 Contact Acutherm if considering relief rings on E-Series.
- SHT1 and SHT2 Required for TFT1 And TFT2 frames. See Ceiling Approaches Form 10.3.
- ① DMA Contact Acutherm if considering mounting Adjuster-B E-Series.

E-Series: Linear Slot Diffusers

Basic Models

Linear Slot Diffusers

Product Information Description: Linear Slot Interoperable VAV Diffusers



Model	Protocol	Actuator	Length																			
			24				36				48				60							
			Slots		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	
EL	B	T	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
EL	B	M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
EL	L	T	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
EL	L	M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

"Continuous Look" Slot Diffuser

Product Information Description: "Continuous Look" Linear Slot Interoperable VAV Diffusers

Model	Protocol	Actuator	Length																			
			24				36				48				60							
			Slots		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	
ELC	B	T	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ELC	B	M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ELC	L	T	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ELC	L	M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Sidewall Linear Slot Diffuser

Product Information Description: Sidewall Linear Slot Interoperable VAV Diffusers

Model	Protocol	Actuator	Length																			
			24				36				48				60							
			Slots		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	
ELW	B	T	✓	✓		✓		✓	✓		✓		✓	✓		✓		✓	✓		✓	
ELW	B	M	✓	✓		✓		✓	✓		✓		✓	✓		✓		✓	✓		✓	
ELW	L	T	✓	✓		✓		✓	✓		✓		✓	✓		✓		✓	✓		✓	
ELW	L	M	✓	✓		✓		✓	✓		✓		✓	✓		✓		✓	✓		✓	

"Continuous Look" Sidewall Linear Slot Diffuser

Product Information Description: "Continuous Look" Sidewall Linear Slot Interoperable VAV Diffusers

Model	Protocol	Actuator	Length																			
			24				36				48				60							
			Slots		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	
ELWC	B	T	✓	✓		✓		✓	✓		✓		✓	✓		✓		✓	✓		✓	
ELWC	B	M	✓	✓		✓		✓	✓		✓		✓	✓		✓		✓	✓		✓	
ELWC	L	T	✓	✓		✓		✓	✓		✓		✓	✓		✓		✓	✓		✓	
ELWC	L	M	✓	✓		✓		✓	✓		✓		✓	✓		✓		✓	✓		✓	

Note:

BACnet™ (B) or LonTalk® (L) software

Thermal Actuator (T) or Electric Motor (M)

E-Series: Linear Slot Diffusers

Options and Accessories



Option Type		Option Description	E-Series Available on Models							
			EL	ELC	ELW	ELWC				
Inlet Location	S	Inlet, Standard	✓	✓	✓	✓				
	O	Inlet, Opposite	✓	✓	✓	✓				
	R	Inlet, Rectangular	✓	✓	✓	✓				
Low Boot	10"H	10" Plenum/Low Boot	✓	✓	✓	✓				
Wall Adjuster	Adj-B	Remote Adjuster BACnet™	✓	✓	✓	✓				
	Adapter Plate	Adapter Plate	✓	✓	✓	✓				
	DMA	Mount Adj-B on attic side of diffuser	①	①	①	①				
	Cable-MM	Cable-MM	✓	✓	✓	✓				
	L-Temp	L-Temp Adjuster	✓	✓	✓	✓				
Insulation	I	Insulation Attic side	✓	✓	✓	✓				
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:

- ① Inlet O Contact Acutherm for more information about Opposite inlets on sidewall diffusers.
- ① DMA Contact Acutherm if considering mounting Adjuster-B E-Series.



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