

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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