

Frames To Fit Fixed Position Diffusers DFSA, DFRA

To Fit This Diffuser . . .	Order This Steel Frame				
One Slot, One Way	Model	A	B	C	D
DFS (or R) A 24 11	KXFASS1 24	2-3/32	24	4-7/32	26-1/8
30	KXFASS1 30	2-3/32	30	4-7/32	32-1/8
48	KXFASS1 48	2-3/32	48	4-7/32	50-1/8
60	KXFASS1 60	2-3/32	60	4-7/32	62-1/8
Two Slots, One Way	Model	A	B	C	D
DFS (or R) A 24 21	KXFASS2 24	3-23/32	24	5-7/32	26-1/8
30	KXFASS2 30	3-23/32	30	5-7/32	32-1/8
48	KXFASS2 48	3-23/32	48	5-7/32	50-1/8
60	KXFASS2 60	3-23/32	60	5-7/32	62-1/8
Two Slots, Two Way	Model	A	B	C	D
DFS (or R) A 24 22	KXFASD2 24	4-9/32	24	6-13/32	26-1/8
30	KXFASD2 30	4-9/32	30	6-13/32	32-1/8
48	KXFASD2 48	4-9/32	48	6-13/32	50-1/8
60	KXFASD2 60	4-9/32	60	6-13/32	62-1/8
Three Slots, One Way	Model	A	B	C	D
DFS (or R) A 24 31	KXFASS3 24	5-9/32	24	7-13/32	26-1/8
30	KXFASS3 30	5-9/32	30	7-13/32	32-1/8
48	KXFASS3 48	5-9/32	48	7-13/32	50-1/8
60	KXFASS3 60	5-9/32	60	7-13/32	62-1/8
Three Slots, Two Way	Model	A	B	C	D
DFS (or R) A 24 32	KXFASD3 24	5-27/32	24	7-31/32	26-1/8
30	KXFASD3 30	5-27/32	30	7-31/32	32-1/8
48	KXFASD3 48	5-27/32	48	7-31/32	50-1/8
60	KXFASD3 60	5-27/32	60	7-31/32	62-1/8
Four Slots, Two Way	Model	A	B	C	D
DFS (or R) A 24 42	KXFASD4 24	7-11/32	24	9-15/32	26-1/8
30	KXFASD4 30	7-11/32	30	9-15/32	32-1/8
48	KXFASD4 48	7-11/32	48	9-15/32	50-1/8
60	KXFASD4 60	7-11/32	60	9-15/32	62-1/8

Frames To Fit Adjustable Pattern Diffusers, DASB, DARB, DAVB, DAHB and DANB

To Fit This Diffuser . . .	Order This Steel Frame				
One Slot	Model	A	B	C	D
DAS (or H) B 24 A (or B,C) 1	KXFASA1 24	2-31/32	24	5-3/32	26-1/8
30	KXFASA1 30	2-31/32	30	5-3/32	32-1/8
36	KXFASA1 36	2-31/32	36	5-3/32	38-1/8
48	KXFASA1 48	2-31/32	48	5-3/32	50-1/8
60	KXFASA1 60	2-31/32	60	5-3/32	62-1/8
Two Slots	Model	A	B	C	D
DAS (or R,H,V,N) B 24 A (or B,C) 2	KXFASA2 24	5-15/32	24	7-19/32	26-1/8
30	KXFASA2 30	5-15/32	30	7-19/32	32-1/8
36	KXFASA2 36	5-15/32	36	7-19/32	38-1/8
48	KXFASA2 48	5-15/32	48	7-19/32	50-1/8
60	KXFASA2 60	5-15/32	60	7-19/32	62-1/8
Three Slots, 3/4" Slot Width	Model	A	B	C	D
DAR (or V) B 24 A3	KXFASA3 24	5-15/32	24	7-19/32	26-1/8
30	KXFASA3 30	5-15/32	30	7-19/32	32-1/8
36	KXFASA3 36	5-15/32	36	7-19/32	38-1/8
48	KXFASA3 48	5-15/32	48	7-19/32	50-1/8
60	KXFASA3 60	5-15/32	60	7-19/32	62-1/8
Three Slots, 1" Slot Width	Model	A	B	C	D
DAR (or V) B 24 B3	KXFASA4 24	6-7/32	24	8-11/32	26-1/8
30	KXFASA4 30	6-7/32	30	8-11/32	32-1/8
36	KXFASA4 36	6-7/32	36	8-11/32	38-1/8
48	KXFASA4 48	6-7/32	48	8-11/32	50-1/8
60	KXFASA4 60	6-7/32	60	8-11/32	62-1/8
Three Slots, 1 1/2" Slot Width	Model	A	B	C	D
DAR (or V) B 24 D3	KXFASA5 24	7-23/32	24	9-27/32	26-1/8
30	KXFASA5 30	7-23/32	30	9-27/32	32-1/8
36	KXFASA5 36	7-23/32	36	9-27/32	38-1/8
48	KXFASA5 48	7-23/32	48	9-27/32	50-1/8
60	KXFASA5 60	7-23/32	60	9-27/32	62-1/8
Four Slots, 3/4" Slot Width	Model	A	B	C	D
DAR (or V) B 24 A4	KXFASA6 24	7-5/32	24	9-9/32	26-1/8
30	KXFASA6 30	7-5/32	30	9-9/32	32-1/8
36	KXFASA6 36	7-5/32	36	9-9/32	38-1/8
48	KXFASA6 48	7-5/32	48	9-9/32	50-1/8
60	KXFASA6 60	7-5/32	60	9-9/32	62-1/8
Four Slots, 1" Slot Width	Model	A	B	C	D
DAR (or V) B 24 B4	KXFASA7 24	8-5/32	24	10-9/32	26-1/8
30	KXFASA7 30	8-5/32	30	10-9/32	32-1/8
36	KXFASA7 36	8-5/32	36	10-9/32	38-1/8
48	KXFASA7 48	8-5/32	48	10-9/32	50-1/8
60	KXFASA7 60	8-5/32	60	10-9/32	62-1/8
Four Slots, 1 1/2" Slot Width	Model	A	B	C	D
DAR (or V) B 24 D4	KXFASA8 24	10-5/32	24	12-9/32	26-1/8
30	KXFASA8 30	10-5/32	30	12-9/32	32-1/8
36	KXFASA8 36	10-5/32	36	12-9/32	38-1/8
48	KXFASA8 48	10-5/32	48	12-9/32	50-1/8
60	KXFASA8 60	10-5/32	60	12-9/32	62-1/8

APPLICATION

The Auxiliary Frame (KXFA) is an accessory that enables a square T-bar lay-in diffuser or slot diffuser to mount to a hard ceiling. It also allows access to service utilities in the ceiling plenum.

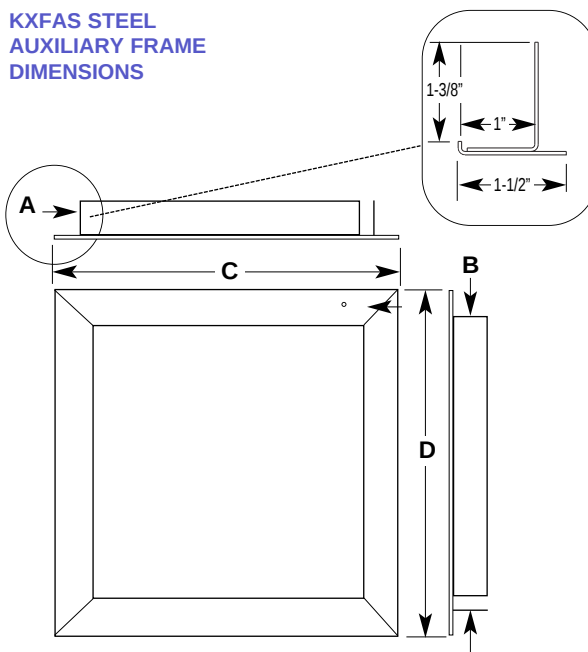
DESCRIPTION:

- Provides fast and efficient diffuser installation.
- Easy access to ceiling plenum in hard ceiling constructions.
- Carnes No. 1 white is standard.
- Other colors are available.
- Wide flange allows for the occasional error in cutting the ceiling opening for the frame.
- Works with any square T-bar and most plenum slot diffusers.
- Both the steel and aluminum 12x12 and 24x24 sizes are available through the 48-Hour Stock Program.
- Other steel and aluminum sizes are available through the Emergency Quick Ship (EQS) program.

MATERIALS:

- The steel (KXFAS) model is inexpensive and durable.
- Steel is 18 gauge cold-rolled steel, suitable for use with fire-rated diffusers.
- Aluminum frame (KXFAA) is extruded for an attractive look when mounted in a highly visible location.
- Aluminum material is well suited for corrosive and high humidity environments.

KXFAS STEEL
AUXILIARY FRAME
DIMENSIONS



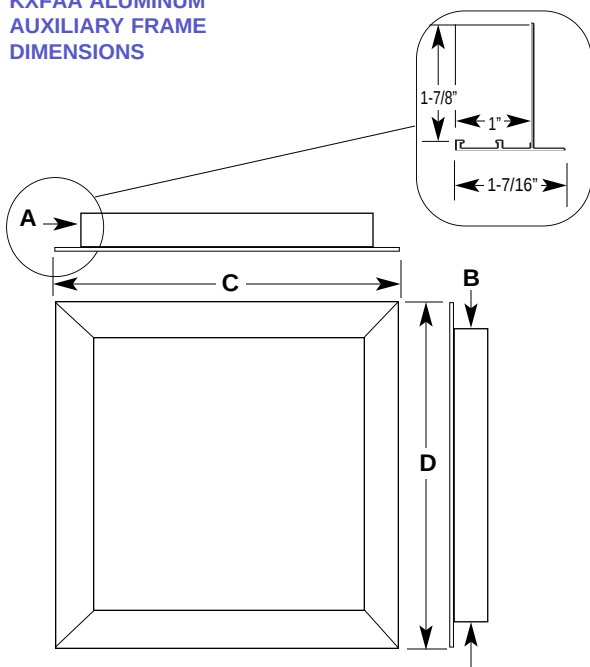
NOTE: Recommended Ceiling Opening is A + 1/4" x B + 1/4"

Frames To Fit Miscellaneous Square and Rectangular Diffusers

To Fit This Diffuser . . .	Order This Steel Frame				
Various Types	Model	A	B	C	D
SKEA, SEEA, SMEA SFTA, SFAB, SJTB, SATA, SFTB, SP and SL Series	KXFAS 1212	12	12	14-1/8	14-1/8
	KXFAS 1224	12	24	14-1/8	26-1/8
	KXFAS 1248	12	48	14-1/8	50-1/8
	KXFAS 2424	24	24	26-1/8	26-1/8
	KXFAS 2448	24	48	26-1/8	50-1/8

Auxiliary Frames

**KXFAA ALUMINUM
AUXILIARY FRAME
DIMENSIONS**



NOTE: Recommended Ceiling Opening is $A + 1/4" \times B + 1/4"$

Frames To Fit Miscellaneous Square and Rectangular Diffusers

To Fit This Diffuser . . .	Order This Aluminum Frame				
Various Types	Model	A	B	C	D
SKEA, SEEA, SMEA SFTA, SFAB, SJTB, SATA, SFTB, SP and SL Series	KXFAA 1212	12	12	14-1/8	14-1/8
	KXFAA 1224	12	24	14-1/8	26-1/8
	KXFAA 1248	12	48	14-1/8	50-1/8
	KXFAA 2424	24	24	26-1/8	26-1/8
	KXFAA 2448	24	48	26-1/8	50-1/8

Frames To Fit Fixed Position Diffusers DFSA, DFRA

To Fit This Diffuser . . .	Order This Aluminum Frame				
One Slot, One Way	Model	A	B	C	D
DFS (or R) A _ 24 11	KXFAAS1 24	2-3/32	24	4-7/32	26-1/8
	KXFAAS1 30	2-3/32	30	4-7/32	32-1/8
	KXFAAS1 48	2-3/32	48	4-7/32	50-1/8
	KXFAAS1 60	2-3/32	60	4-7/32	62-1/8
Two Slots, One Way	Model	A	B	C	D
DFS (or R) A _ 24 21	KXFAAS2 24	3-23/32	24	5-7/32	26-1/8
	KXFAAS2 30	3-23/32	30	5-7/32	32-1/8
	KXFAAS2 48	3-23/32	48	5-7/32	50-1/8
	KXFAAS2 60	3-23/32	60	5-7/32	62-1/8
Two Slots, Two Way	Model	A	B	C	D
DFS (or R) A _ 24 22	KXFAAD2 24	4-9/32	24	6-13/32	26-1/8
	KXFAAD2 30	4-9/32	30	6-13/32	32-1/8
	KXFAAD2 48	4-9/32	48	6-13/32	50-1/8
	KXFAAD2 60	4-9/32	60	6-13/32	62-1/8
Three Slots, One Way	Model	A	B	C	D
DFS (or R) A _ 24 31	KXFAAS3 24	5-9/32	24	7-13/32	26-1/8
	KXFAAS3 30	5-9/32	30	7-13/32	32-1/8
	KXFAAS3 48	5-9/32	48	7-13/32	50-1/8
	KXFAAS3 60	5-9/32	60	7-13/32	62-1/8
Three Slots, Two Way	Model	A	B	C	D
DFS (or R) A _ 24 32	KXFAAD3 24	5-27/32	24	7-31/32	26-1/8
	KXFAAD3 30	5-27/32	30	7-31/32	32-1/8
	KXFAAD3 48	5-27/32	48	7-31/32	50-1/8
	KXFAAD3 60	5-27/32	60	7-31/32	62-1/8
Four Slots, Two Way	Model	A	B	C	D
DFS (or R) A _ 24 42	KXFAAD4 24	7-11/32	24	9-15/32	26-1/8
	KXFAAD4 30	7-11/32	30	9-15/32	32-1/8
	KXFAAD4 48	7-11/32	48	9-15/32	50-1/8
	KXFAAD4 60	7-11/32	60	9-15/32	62-1/8

Frames To Fit Adjustable Position Diffusers, DASB, DARB, DAVB, DAHB & DANB

To Fit This Diffuser . . .	Order This Aluminum Frame				
One Slot	Model	A	B	C	D
DAS (or H) B _ 24 A (or B,C) 1	KXFAAA1 24	2-31/32	24	5-3/32	26-1/8
	KXFAAA1 30	2-31/32	30	5-3/32	32-1/8
	KXFAAA1 36	2-31/32	36	5-3/32	38-1/8
	KXFAAA1 48	2-31/32	48	5-3/32	50-1/8
	KXFAAA1 60	2-31/32	60	5-3/32	62-1/8
Two Slots	Model	A	B	C	D
DAS (or R, H,V,N) B _ 24 A (or B,C) 2	KXFAAA2 24	5-15/32	24	7-19/32	26-1/8
	KXFAAA2 30	5-15/32	30	7-19/32	32-1/8
	KXFAAA2 36	5-15/32	36	7-19/32	38-1/8
	KXFAAA2 48	5-15/32	48	7-19/32	50-1/8
	KXFAAA2 60	5-15/32	60	7-19/32	62-1/8
Three Slots, 3/4" Slot Width	Model	A	B	C	D
DAR (or V) B _ 24 A3	KXFAAA3 24	5-15/32	24	7-19/32	26-1/8
	KXFAAA3 30	5-15/32	30	7-19/32	32-1/8
	KXFAAA3 36	5-15/32	36	7-19/32	38-1/8
	KXFAAA3 48	5-15/32	48	7-19/32	50-1/8
	KXFAAA3 60	5-15/32	60	7-19/32	62-1/8
Three Slots, 1" Slot Width	Model	A	B	C	D
DAR (or V) B _ 24 B3	KXFAAA4 24	6-7/32	24	8-11/32	26-1/8
	KXFAAA4 30	6-7/32	30	8-11/32	32-1/8
	KXFAAA4 36	6-7/32	36	8-11/32	38-1/8
	KXFAAA4 48	6-7/32	48	8-11/32	50-1/8
	KXFAAA4 60	6-7/32	60	8-11/32	62-1/8
Three Slots, 1 1/2" Slot Width	Model	A	B	C	D
DAR (or V) B _ 24 D3	KXFAAA5 24	7-23/32	24	9-27/32	26-1/8
	KXFAAA5 30	7-23/32	30	9-27/32	32-1/8
	KXFAAA5 36	7-23/32	36	9-27/32	38-1/8
	KXFAAA5 48	7-23/32	48	9-27/32	50-1/8
	KXFAAA5 60	7-23/32	60	9-27/32	62-1/8
Four Slots, 3/4" Slot Width	Model	A	B	C	D
DAR (or V) B _ 24 A4	KXFAAA6 24	7-5/32	24	9-9/32	26-1/8
	KXFAAA6 30	7-5/32	30	9-9/32	32-1/8
	KXFAAA6 36	7-5/32	36	9-9/32	38-1/8
	KXFAAA6 48	7-5/32	48	9-9/32	50-1/8
	KXFAAA6 60	7-5/32	60	9-9/32	62-1/8
Four Slots, 1" Slot Width	Model	A	B	C	D
DAR (or V) B _ 24 B4	KXFAAA7 24	8-5/32	24	10-9/32	26-1/8
	KXFAAA7 30	8-5/32	30	10-9/32	32-1/8
	KXFAAA7 36	8-5/32	36	10-9/32	38-1/8
	KXFAAA7 48	8-5/32	48	10-9/32	50-1/8
	KXFAAA7 60	8-5/32	60	10-9/32	62-1/8
Four Slots, 1 1/2" Slot Width	Model	A	B	C	D
DAR (or V) B _ 24 D4	KXFAAA8 24	10-5/32	24	12-9/32	26-1/8
	KXFAAA8 30	10-5/32	30	12-9/32	32-1/8
	KXFAAA8 36	10-5/32	36	12-9/32	38-1/8
	KXFAAA8 48	10-5/32	48	12-9/32	50-1/8
	KXFAAA8 60	10-5/32	60	12-9/32	62-1/8

MOUNTING NOTES

- Check to be sure that the ceiling structure will allow the frame to fit in between the joists. Extra framing work may be needed.
- Auxiliary Frame KXFA can be provided without screw holes in the face for installation using a frame member behind the ceiling (Figure 1 for mounting to wood and Figure 2 for sheet metal), or with screw holes in the frame face for attaching to the ceiling members (Figure 3).
- Auxiliary frames for use with fixed slot diffusers with two or more slots are provided with a T-bar to finish off the diffuser face where it would normally straddle the T-bar in a T-bar ceiling.
- Slot diffusers can be installed following these steps: 1-Remove the snap-in collar from the diffuser boot and slip the diffuser through the ceiling opening. 2-Reattach the inlet collar and attach the flex duct. 3-Install the auxiliary frame. 4-Reach through the face of the auxiliary frame and position the diffuser on the frame.
- Recommended ceiling opening is $A + 1/4" \times B + 1/4"$.



FIGURE 1



FIGURE 2



FIGURE 3

ORDERING NOTES

- When ordering adjustable slot diffusers with 2, 3 or 4 slots to be used with this frame, order model DARB.
- When ordering adjustable slot diffusers with 1 slot to be used with this frame, order model DASB.
- When screw holes are specified on the face, they are provided at no extra charge.
- Auxiliary frames for use with 2-way blow fixed slot diffusers (DFSA) are provided with a T-bar to finish off the diffuser face where it would normally straddle the T-bar ceiling application.

MODEL NUMBERING SYSTEM – AUXILIARY FRAMES

