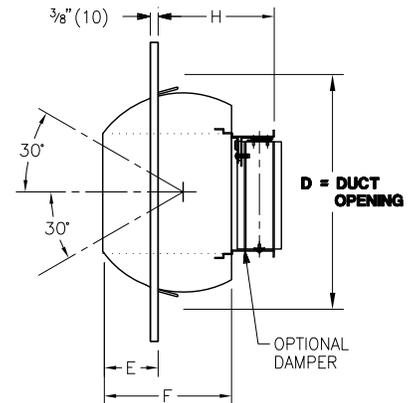
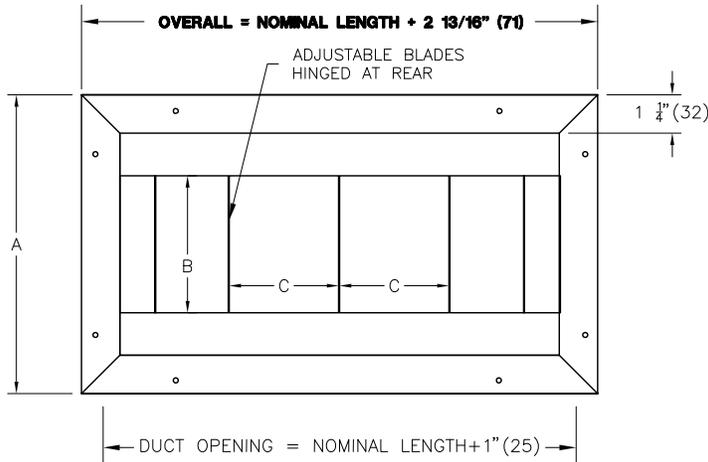


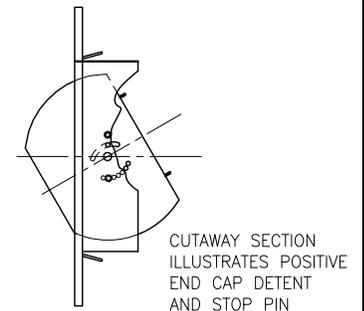
HCD1 HIGH CAPACITY DIFFUSER



AVAILABLE SIZES

NOM. SIZE	NOMINAL LENGTH
6	9" TO 60" IN 1" INCREMENTS
10	18" TO 72" IN 1" INCREMENTS
12	
15	

NOM. SIZE (WIDTH)	D (DUCT)	A	B	C	E	F	H (VCS3)	H (VCS5)	OPTIONAL DAMPER NOMINAL WIDTH (VCS3)	OPTIONAL DAMPER NOMINAL WIDTH (VCS5)
6	6 5/8 (168)	8 3/8 (213)	3 3/8 (86)	3 (76)	1 11/16 (43)	3 7/8 (98)	4 7/16 (113)	5 11/16 (144)	4 1/8" (105)	4" (102)
10	10 3/8 (264)	12 1/8 (308)	5 7/8 (149)	6 (152)	2 7/16 (62)	6 (152)	5 13/16 (148)	7 1/16 (179)	6 23/32" (171)	7" (178)
12	12 1/4 (311)	14 (356)	6 7/8 (175)	6 (152)	3 (76)	6 1/16 (154)	5 1/4 (133)	6 1/2 (165)	7 13/16" (199)	8" (203)
15	15 3/8 (391)	17 3/16 (437)	9 13/16 (249)	6 (152)	3 13/16 (97)	7 9/16 (192)	6 (152)	7 1/4 (184)	10 11/32" (263)	10" (254)



FINISH:

- B15 ALUMINUM
- B12 WHITE
- (OPTIONAL FINISHES AVAILABLE)
- SPIRAL DUCT FRAME SDFG = MILL GALVANIZED

MATERIAL:

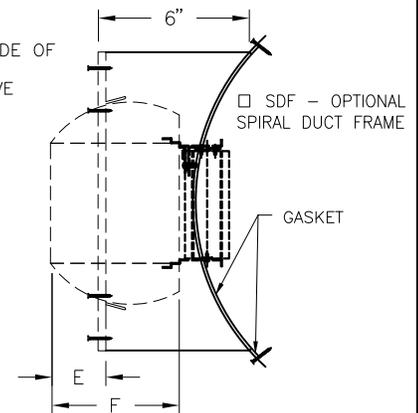
- STEEL FRAME WITH ALUMINUM DRUM
- SPIRAL DUCT FRAME SDFG = GALVANIZED STEEL

OPTIONS:

- VCS3 ATTACHED OPPOSED BLADE DAMPER (STEEL).
- VCS5 ATTACHED HEAVY DUTY OPPOSED BLADE DAMPER (STEEL).
- POB POLE OPERATOR BRACKET (48" OR LESS)

NOTES:

- DRUM CAN BE ROTATED TO 30° ON EITHER SIDE OF THE CENTRELINE.
- DETENT FOR POSITIONING ALLOWS FOR POSITIVE SETTING OF THE DRUM.
- ADJUSTABLE DEFLECTOR VANES.
- TYPE A FASTENING.
- FACTORY TOLERANCE: ± 1/8" (3)



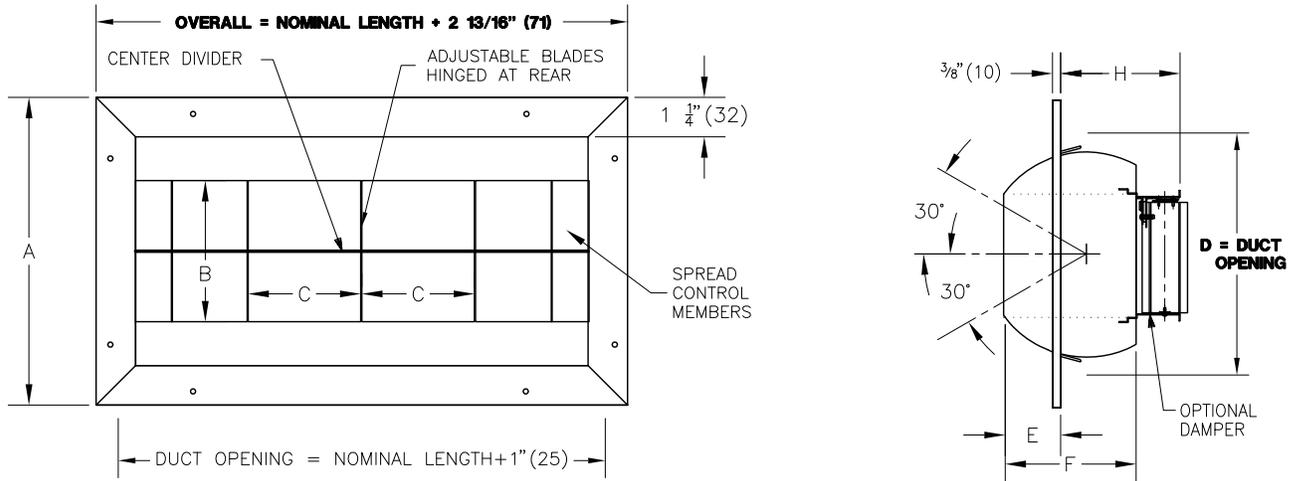
AVAILABLE DUCT DIAMETERS FOR OPTIONAL SPIRAL DUCT FRAME

NOM. SIZE (WIDTH)	NOMINAL DUCT DIAMETER																	
	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	48
6	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
10			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
12				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
15					•	•	•	•	•	•	•	•	•	•	•	•	•	•

ALL METRIC DIMENSIONS () ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		PRICE [®]	
ENGINEER:		<i>R</i>	HCD1 HIGH CAPACITY DIFFUSER
CUSTOMER:		211744	
SUBMITTAL DATE:	SPEC. SYMBOL:	2011/03/10	

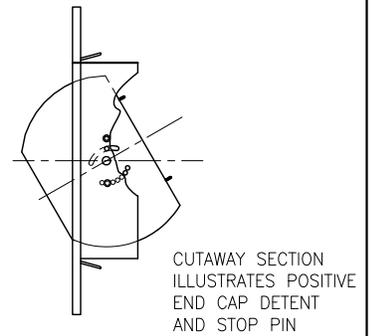
HCD2 HIGH CAPACITY DIFFUSER



AVAILABLE SIZES

NOM. SIZE	NOMINAL LENGTH
6	9" TO 60" IN 1" INCREMENTS
10	18" TO 72" IN 1" INCREMENTS
12	
15	

NOM. SIZE	D (DUCT)	A	B	C	E	F	H (VCS3)	H (VCS5)	OPTIONAL DAMPER NOMINAL WIDTH (VCS3)	OPTIONAL DAMPER NOMINAL WIDTH (VCS5)
6	6 5/8 (168)	8 3/8 (213)	3 3/8 (88)	3 (76)	1 11/16 (43)	3 7/8 (98)	4 7/16 (113)	5 11/16 (144)	4 1/8" (105)	4" (102)
10	10 3/8 (264)	12 1/8 (308)	5 7/8 (149)	6 (152)	2 7/16 (62)	6 (152)	5 13/16 (148)	7 1/16 (179)	6 23/32" (171)	7" (178)
12	12 1/4 (311)	14 (356)	6 7/8 (175)	6 (152)	3 (76)	6 1/16 (154)	5 1/4 (133)	6 1/2 (165)	7 13/16" (199)	8" (203)
15	15 3/8 (391)	17 3/16 (437)	9 13/16 (249)	6 (152)	3 13/16 (97)	7 9/16 (192)	6 (152)	7 1/4 (184)	10 11/32" (263)	10" (254)



FINISH:

- B15 ALUMINUM
- B12 WHITE (OPTIONAL FINISHES AVAILABLE)
- SPIRAL DUCT FRAME SDFG = MILL GALVANIZED

MATERIAL:

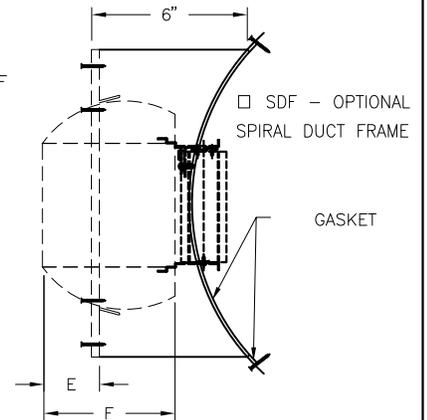
- STEEL FRAME WITH ALUMINUM DRUM
- SPIRAL DUCT FRAME SDFG = GALVANIZED STEEL

OPTIONS:

- VCS3 ATTACHED OPPOSED BLADE DAMPER (STEEL).
- VCS5 ATTACHED HEAVY DUTY OPPOSED BLADE DAMPER (STEEL).
- POB POLE OPERATOR BRACKET (48" OR LESS).

NOTES:

- DRUM CAN BE ROTATED TO 30° ON EITHER SIDE OF THE CENTRELINE.
- DETENT FOR POSITIONING ALLOWS FOR POSITIVE SETTING OF THE DRUM.
- ADJUSTABLE DEFLECTOR VANES.
- TYPE A FASTENING.
- FACTORY TOLERANCE: ± 1/8" (3)



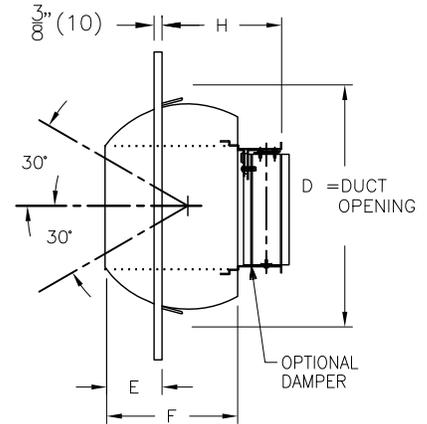
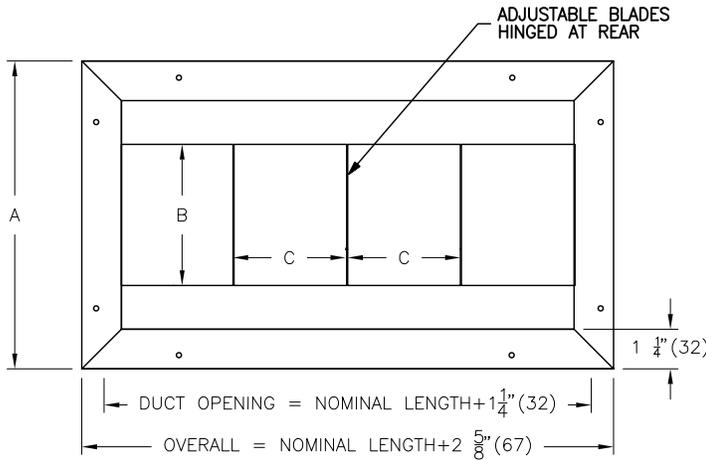
AVAILABLE DUCT DIAMETERS FOR OPTIONAL SPIRAL DUCT FRAME

NOM. SIZE	NOMINAL DUCT DIAMETER																	
	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	48
6	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
10			•	•	•	•	•	•	•	•	•	•	•	•	•	•		
12				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
15					•	•	•	•	•	•	•	•	•	•	•	•	•	•

ALL METRIC DIMENSIONS () ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		PRICE [®]	
ENGINEER:			
CUSTOMER:		211745	HCD2 HIGH CAPACITY DIFFUSER
SUBMITTAL DATE:		2011/03/10	
SPEC. SYMBOL:			

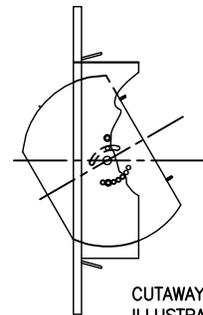
AHCD1 HIGH CAPACITY DIFFUSER



AVAILABLE SIZES

NOM. SIZE (WIDTH)	NOMINAL LENGTH
6	9" TO 60" IN 1" INCREMENTS
10 12 15	18" TO 72" IN 1" INCREMENTS

NOM. SIZE (WIDTH)	D (DUCT)	A	B	C	E	F	H (VCS3)	H (VCS5)	OPTIONAL DAMPER NOMINAL WIDTH (VCS3)	OPTIONAL DAMPER NOMINAL WIDTH (VCS5)
6	7 1/16 (179)	8 5/16 (211)	3 3/8 (86)	3 (76)	1 11/16 (43)	3 7/8 (98)	4 7/16 (115)	5 11/16 (144)	4 1/8" (105)	4" (102)
10	10 3/4 (273)	12 (305)	5 7/8 (149)	6 (152)	2 7/16 (62)	6 (152)	5 13/16 (148)	7 1/16 (179)	6 23/32" (171)	7" (178)
12	12 5/8 (321)	13 7/8 (352)	6 7/8 (175)	6 (152)	3 (76)	6 1/16 (154)	5 1/4 (133)	6 1/2 (165)	7 13/16" (199)	8" (203)
15	15 13/16 (402)	17 (432)	9 13/16 (249)	6 (152)	3 13/16 (97)	7 9/16 (192)	6 (152)	7 1/4 (184)	10 5/16" (262)	10" (254)



CUTAWAY SECTION ILLUSTRATES POSITIVE END CAP DETENT AND STOP PIN

FINISH:

- B15 - ALUMINUM
- B12 - WHITE
- (OPTIONAL FINISHES AVAILABLE)
- SPIRAL DUCT FRAME SDFG = MILL GALVANIZED
- SDFA = PAINTED ALUMINUM

MATERIAL:

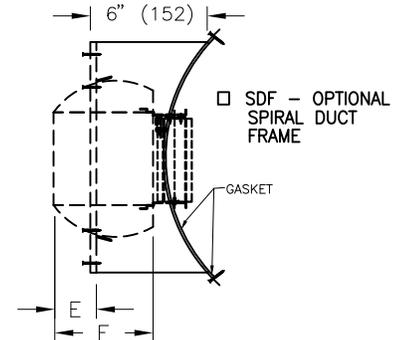
- ALUMINUM FRAME WITH ALUMINUM DRUM
- SPIRAL DUCT FRAME
 - SDFG - GALVANIZED STEEL
 - SDFA - ALUMINUM

OPTIONS:

- VCS3 ATTACHED OPPOSED BLADE DAMPER (STEEL).
- VCS5 ATTACHED HEAVY DUTY OPPOSED BLADE DAMPER (STEEL).
- POB POLE OPERATOR BRACKET (48" OR LESS).

NOTES:

- DRUM CAN BE ROTATED TO 30° ON EITHER SIDE OF CENTRELINE.
- DETENT FOR POSITIONING ALLOWS FOR POSITIVE SETTING OF THE DRUM.
- ADJUSTABLE DEFLECTOR VANES.
- TYPE A FASTENING.
- FACTORY TOLERANCE: ± 1/32" (1)



AVAILABLE DUCT DIAMETERS FOR OPTIONAL SPIRAL DUCT FRAME

NOM. SIZE (WIDTH)	NOMINAL DUCT DIAMETER																		
	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	48	
6	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
10			•	•	•	•	•	•	•	•	•	•	•	•	•	•			
12				•	•	•	•	•	•	•	•	•	•	•	•	•	•		
15					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

ALL METRIC DIMENSIONS () ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:



ENGINEER:

Signature

CUSTOMER:

239250

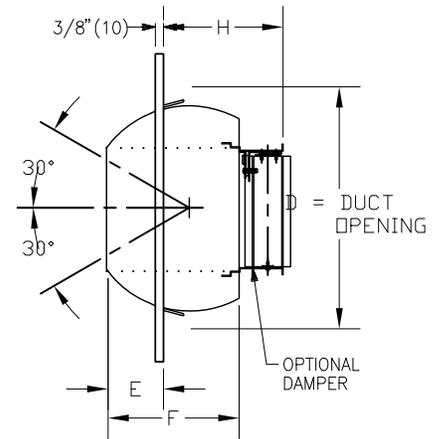
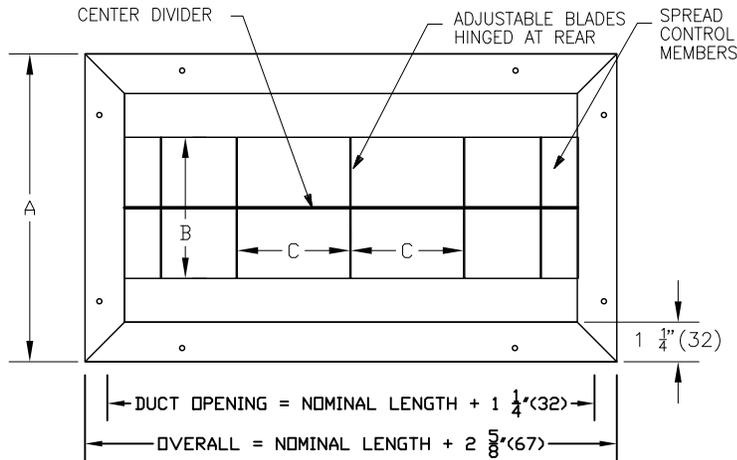
SUBMITTAL DATE:

SPEC. SYMBOL:

2015/12/14

AHCD1
HIGH CAPACITY
DIFFUSER

AHCD2 HIGH CAPACITY DIFFUSER



AVAILABLE SIZES

NOM. SIZE	NOMINAL LENGTH
6	9" TO 60" IN 1" INCREMENTS
10	18" TO 72" IN 1" INCREMENTS
12	
15	

NOM. SIZE	D (DUCT)	A	B	C	E	F	H (VCS3)	H (VCS5)	OPTIONAL DAMPER NOMINAL WIDTH (VCS3)	OPTIONAL DAMPER NOMINAL WIDTH (VCS5)
6	7 1/16 (179)	8 5/16 (211)	3 3/8 (86)	3 (76)	1 11/16 (43)	3 7/8 (98)	4 7/16 (113)	5 11/16 (144)	4 1/8" (105)	4" (102)
10	10 3/4 (273)	12 (305)	5 7/8 (149)	6 (152)	2 7/16 (62)	6 (152)	5 13/16 (148)	7 1/16 (179)	6 23/32" (171)	7" (178)
12	12 5/8 (321)	13 7/8 (352)	6 7/8 (175)	6 (152)	3 (76)	6 1/16 (154)	5 1/4 (133)	6 1/2 (165)	7 13/16" (199)	8" (203)
15	15 13/16 (402)	17 (432)	9 13/16 (249)	6 (152)	3 13/16 (97)	7 9/16 (192)	8 (152)	7 1/4 (184)	10 5/16" (262)	10" (254)

FINISH:

- B15 - ALUMINUM
- B12 - WHITE
- (OPTIONAL FINISHES AVAILABLE)
- SPIRAL DUCT FRAME SDFG = MILL GALVANIZED
- SDFA = PAINTED ALUMINUM

MATERIAL:

- ALUMINUM FRAME WITH ALUMINUM DRUM
- SPIRAL DUCT FRAME
 - SDFG - GALVANIZED STEEL
 - SDFA - ALUMINUM

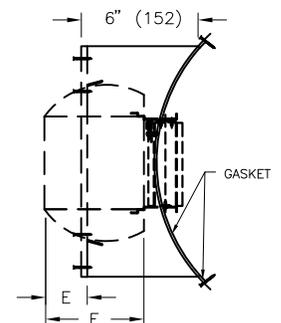
OPTIONS:

- VCS3 ATTACHED STEEL OPPOSED BLADE DAMPER (STEEL).
- VCS5 ATTACHED HEAVY DUTY OPPOSED BLADE DAMPER (STEEL).
- POB POLE OPERATOR BRACKET (48" OR LESS)

NOTES:

- DRUM CAN BE ROTATED TO 30° ON EITHER SIDE OF THE CENTRELINE.
- DETENT FOR POSITIONING ALLOWS FOR POSITIVE SETTING OF THE DRUM.
- ADJUSTABLE DEFLECTOR VANES.
- TYPE A FASTENING.
- FACTORY TOLERANCE: ± 1/32" (1)

- SDF - OPTIONAL SPIRAL DUCT FRAME



AVAILABLE DUCT DIAMETERS FOR OPTIONAL SPIRAL DUCT FRAME

NOM. SIZE	NOMINAL DUCT DIAMETER																	
	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	48
6	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
10			•	•	•	•	•	•	•	•	•	•	•	•	•	•		
12				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
15					•	•	•	•	•	•	•	•	•	•	•	•	•	•

ALL METRIC DIMENSIONS () ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:

PRICE®

ENGINEER:

CUSTOMER:

239251

SUBMITTAL DATE:

SPEC. SYMBOL:

2015/12/14

AHCD2
HIGH CAPACITY
DIFFUSER