



PRODUCT CATALOG



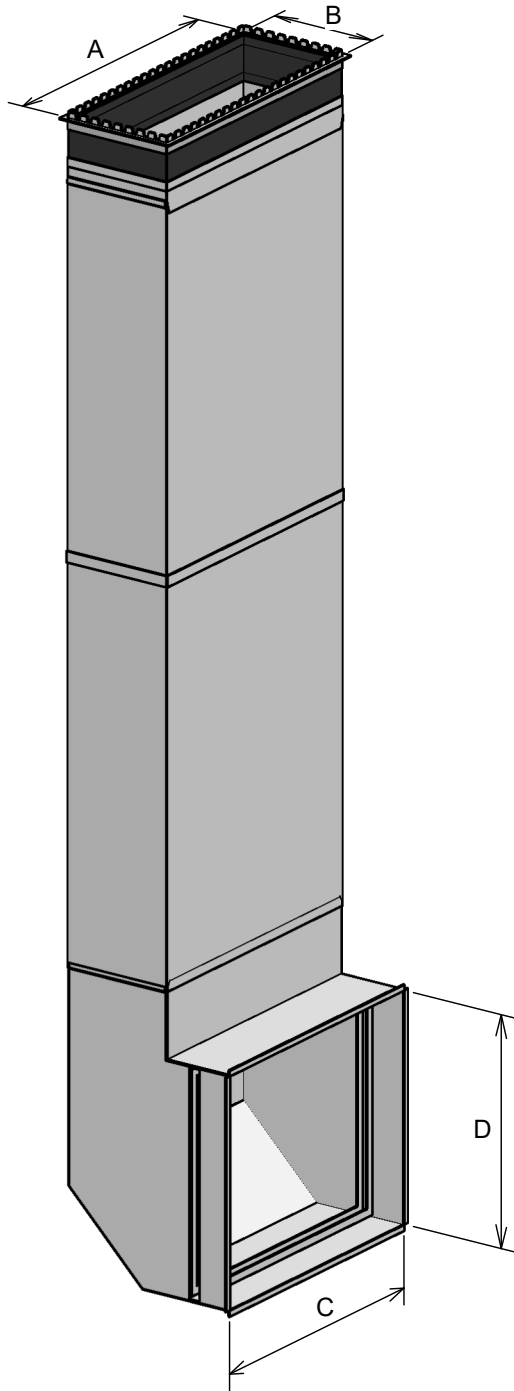


SHEET INDEX

FILTER BOOT SIDE LOAD AND COLD AIR DROP KIT	1
FILTER BOOT TOP LOAD AND COLD AIR DROP KIT	2
TORPEDO BOOT AND COLD AIR DROP KIT	3
MEDIA FILTER BOOT AND COLD AIR DROP KIT	4
ALTERAIRE BOOT WITH DRAWER AND COLD AIR DROP KIT	5
ALTERAIRE BOOT WITH COVER / COMPACT RETURN AIR BOOT	6
UNIVERSAL FILTER RACK BOOT / UNIVERSAL FILTER RACK	7
MODIFIED ALTERAIRE BOOT WITH DRAWER / LOW PROFILE BASE	8
RAB DROP KIT / RETURN AIR BASE	9
4-N-1 BASE / 1" SHORT RETURN AIR BASE	10
SPECIALTY RETURN AIR BASES	11
CANVAS CONNECTORS / INFO HOLDERS	12
EZ FLANGE PLENUM	13
COMPLETE PLENUM	14
TELESCOPING COIL ADAPTERS	15
COIL PAN	16
TRANSITION START COLLAR / OFFSET STARTING COLLAR 2"	17
ZONE PLENUM / ZONE PLENUM TRANSITION	18
FILTER RACK	19
SLIPS & DRIVES	20
RESIDENTIAL DUCT	21
OFFSET AMOUNTS USING 45° ELBOWS	22
SHORT WAY ELBOWS (45 AND 90 DEGREE) & JUMPER ELBOWS	23
BIG WAY ELBOWS (45 AND 90 DEGREE)	24
REVERSE ELBOW	25
SHORT INCREASER/REDUCER TRANSITION / DUCT TRANSITIONS	26
VOLUME DAMPER / ROUND DAMPER	27
END CAP / DUCT PATCH	28
SQUARE TO ROUND TRANSITION / COLLAR - SHORT/LONG	29
BATHROOM EXHAUST HOOKUP / CEILING FRAME	30
TOESPACE HEAD / CEILING HEAD	31
STACK HEAD / OVAL STACK HEAD	32
ROUND FILTER BOX	33
FRESH AIR HOOD / EXHAUST HOOD	34
SNOW HOOD	35
TERMINATION BOX	36
DRYER BOX	37
FLOOR COVER / GAS PIPE HARNESS / FURNACE LEG	38
PIPE HANGER / STUD GUARDS	39
PLUMBING NAIL PLATES	40
HVAC NAIL PLATES	41
PERFORATED ANGLE / PERFORATED LEG / UTILITY BRACKET	42
A/C BRACKET 2 PIECE	43
A/C BRACKET & UNIVERSAL A/C BRACKET	44
COMMERCIAL DUCT	45
TDC DUCT & FITTINGS	46
GREASE DUCTS	47
SPIRAL PIPE & GASKETED FITTINGS	48
SPIRAL PIPE & FITTINGS	49
LOUVER	50
CUSTOM FITTINGS	51



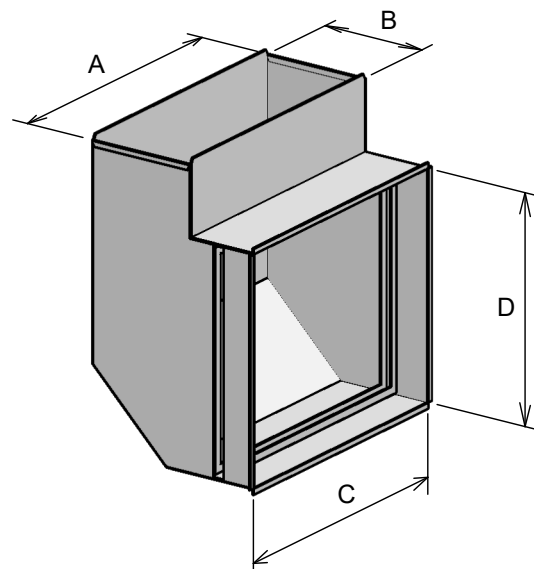
FILTER BOOT SIDE LOAD AND COLD AIR DROP KIT



COLD AIR SIDE LOAD DROP KIT

Boot/Kit Size	Duct Connection		Furnace Connection		Filter Size
	Dim A	Dim B	Dim C	Dim D	
20x10	20"	10"	20"	16"	16x20x1
25x10	25"	10"	25"	16"	16x25x1
25x12	25"	12"	25"	16"	16x25x1
25x12	25"	12"	25"	20"	20x25x1

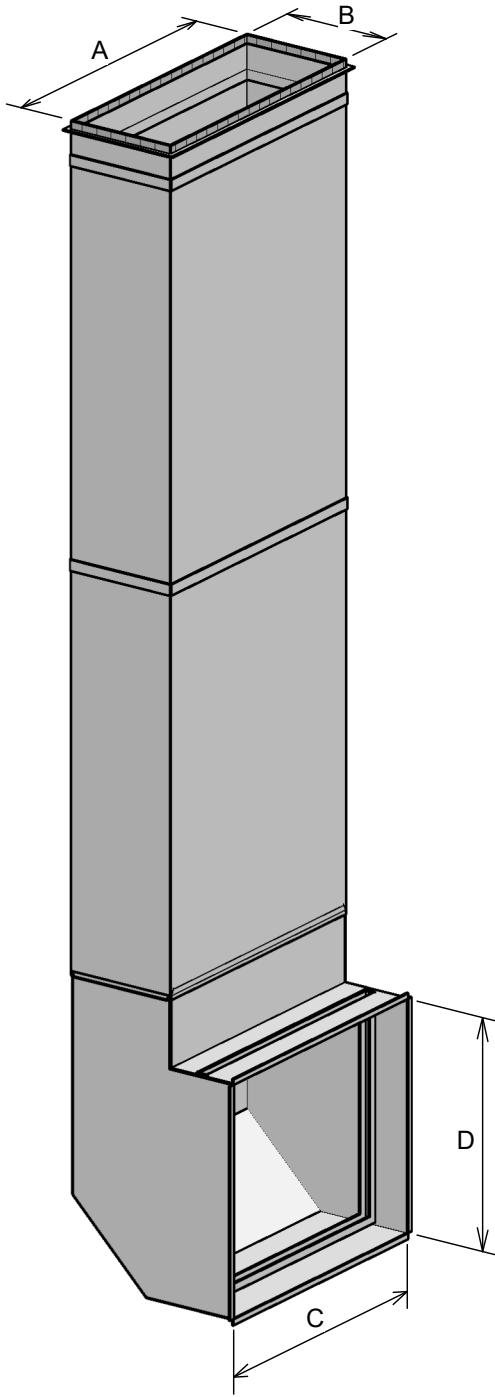
- Constructed with heavy gauge galvanized steel
- Magnet included to seal filter slot to reduce air leakage
- Great for retrofit and new construction installation
- Available with plenum edge or standard furnace connection
- Kit includes return air boot, 2 sections of 36" duct, 3-way canvas connector or start collar, magnet and slips/drives
- Choice of 3-way canvas connector or start collar in kit
- Kits are sold 10 per pallet



FILTER BOOT SIDE LOAD



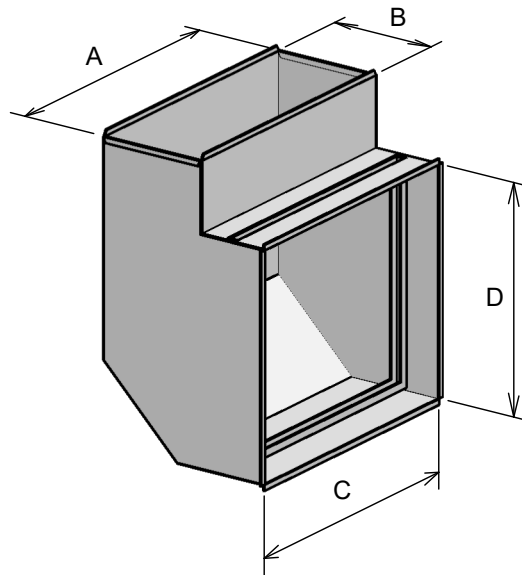
FILTER BOOT TOP LOAD AND COLD AIR DROP KIT



COLD AIR TOP LOAD DROP KIT

Boot/Kit Size	Duct Connection		Furnace Connection		Filter Size
	Dim A	Dim B	Dim C	Dim D	
20x10	20"	10"	20"	16"	16x20x1
25x10	25"	10"	25"	16"	16x25x1
25x12	25"	12"	25"	16"	16x25x1
25x12	25"	12"	25"	20"	20x25x1

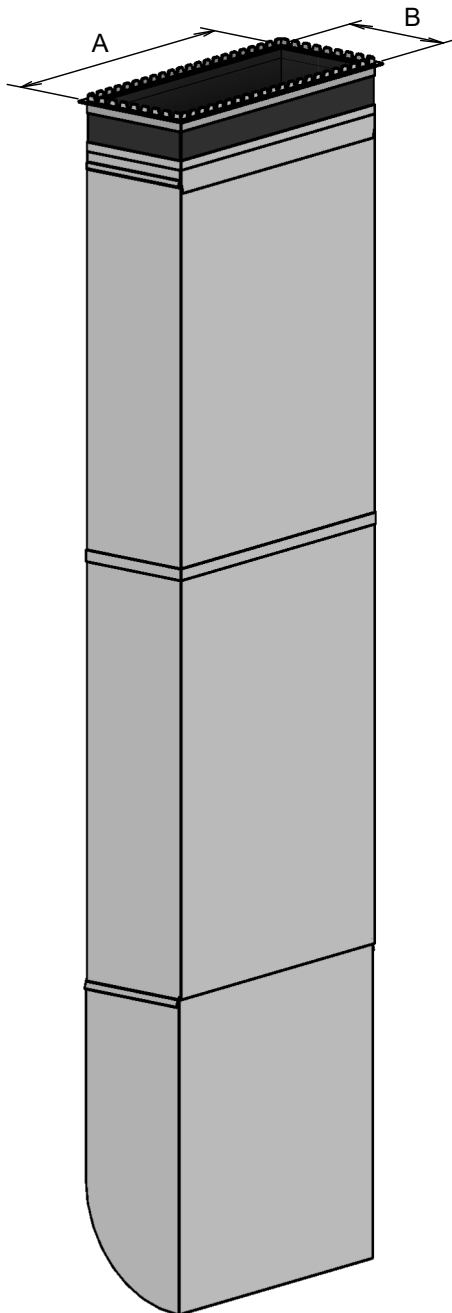
- Constructed with heavy gauge galvanized steel
- Magnet included to seal filter slot to reduce air leakage
- Great for retrofit and new construction installation
- Available with plenum edge or standard furnace connection
- Kit includes return air boot, 2 sections of 36" duct, start collar or 3-way canvas connector, magnet and slips/drives
- Choice of 3-way canvas connector or start collar in kit
- Kits are sold 10 per pallet



FILTER BOOT TOP LOAD



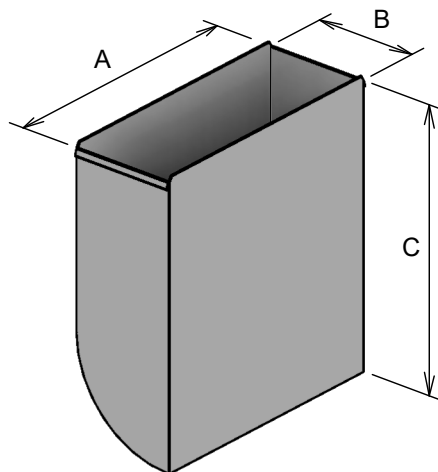
TORPEDO BOOT AND COLD AIR DROP KIT



COLD AIR TORPEDO BOOT DROP KIT

Boot/Kit Size	Dim A	Dim B
20x10	20"	10"
25x10	25"	10"
25x12	25"	12"

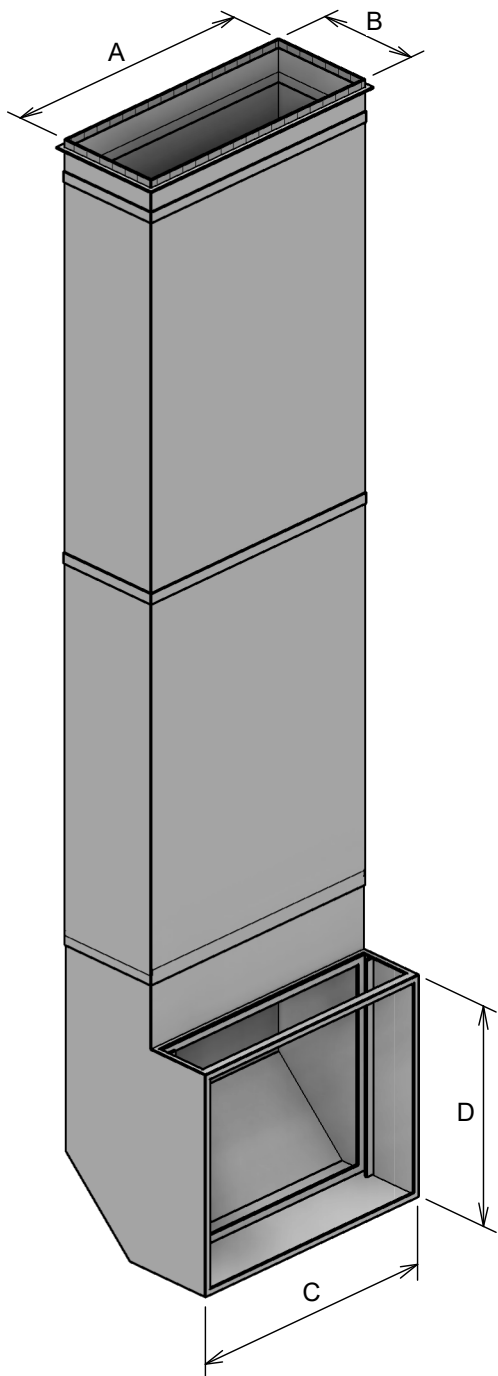
- Constructed with heavy gauge galvanized steel
- Great for retrofit or new construction installation
- Boot easily mounts to filter rack or electronic air cleaner
- Kit includes torpedo boot, 2 sections of 36" duct, start collar or 3-way canvas connector and slips/drives
- Kits are sold 10 per pallet



TORPEDO BOOT



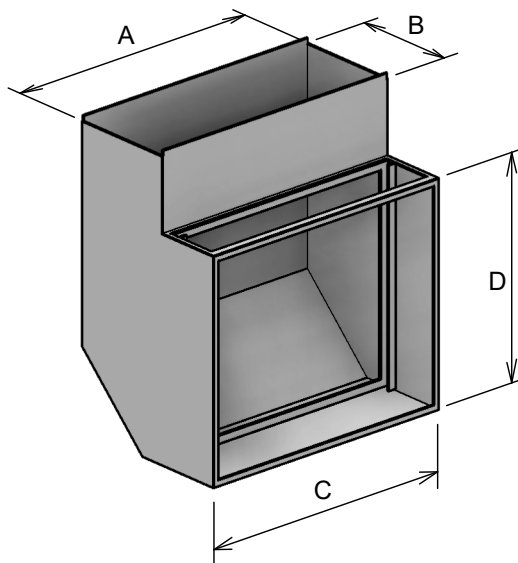
MEDIA FILTER BOOT AND COLD AIR DROP KIT



COLD AIR MEDIA FILTER DROP KIT

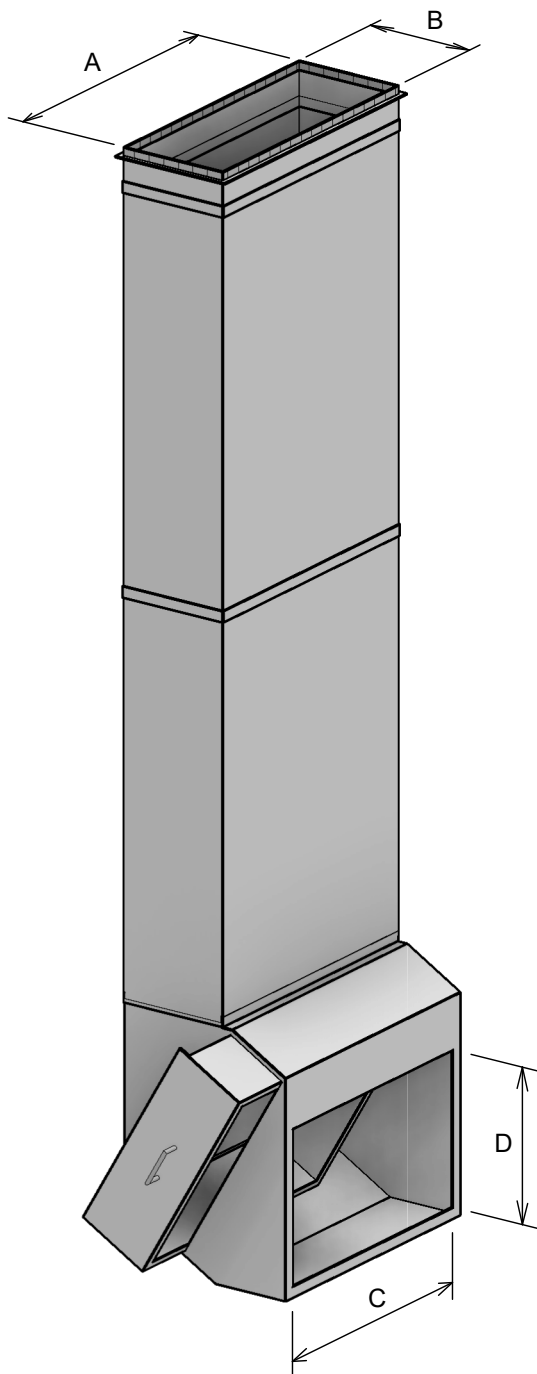
Boot/Kit Size	Duct Connection		Furnace Connection		Filter Size
	Dim A	Dim B	Dim C	Dim D	
20x10	20"	10"	18"	14"	16x20
25x10	25"	10"	23"	14"	16x25
25x10	25"	10"	23"	18"	20x25
25x12	25"	12"	23"	18"	20x25

- Constructed with heavy gauge galvanized steel
- Great for retrofit or new construction installation
- Accepts 1"-5" filters including Honeywell and Air Bear
- Includes removable cover for filter access
- Kit includes media filter boot, 2 sections of 36" duct, start collar or 3-way canvas connector, magnet and slips/drives
- Kits are sold 10 per pallet



MEDIA FILTER BOOT

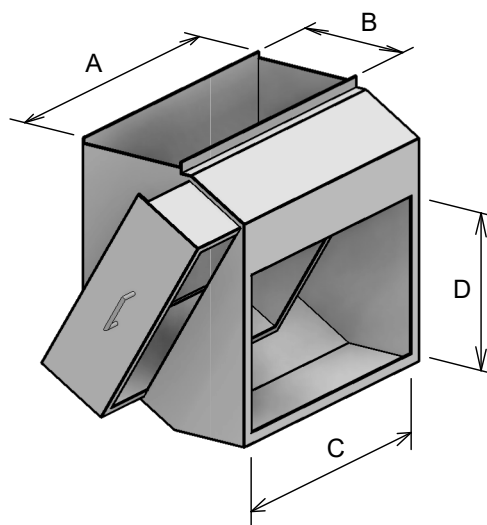
ALTERAIRE BOOT WITH DRAWER AND COLD AIR DROP KIT



ALTERAIRE BOOT WITH DRAWER DROP KIT

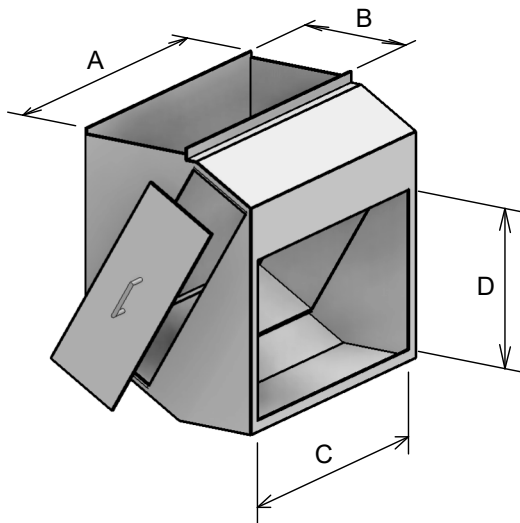
Kit Size	Duct Connection		Furnace Connection		Filter Size
	Dim A	Dim B	Dim C	Dim D	
AlterAire 20x10	20"	10"	18"	14"	20x20
AlterAire 25x10	25"	10"	23"	14"	20x25
AlterAire 25x12	25"	12"	23"	14"	20x25

- Constructed with heavy gauge galvanized steel
- Reversing access panel for left or right installation
- Pull out drawer accepts 1", 2", 4" or 5" filters including Honeywell and Air Bear
- Angled filter orientation for maximized air flow
- Great for retrofit and new construction installation
- Kit includes AlterAire boot, 2 sections of 36" duct, start collar and slips/drives
- Kits are sold 10 per pallet



ALTERAIRE BOOT WITH DRAWER

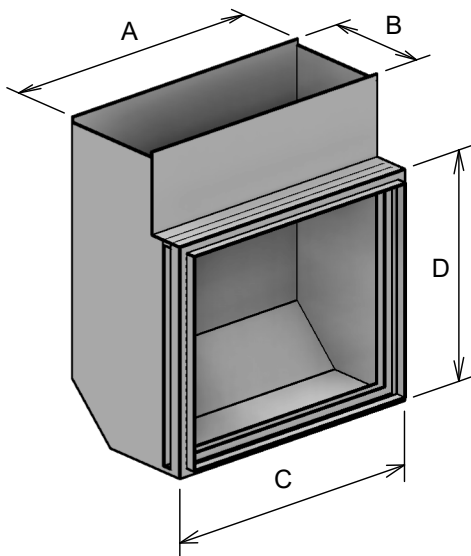
ALTERAIRE BOOT WITH COVER / COMPACT RETURN AIR BOOT



ALTERAIRE BOOT WITH COVER

Boot Size	Duct Connection		Furnace Connection		Filter Size
	Dim A	Dim B	Dim C	Dim D	
AlterAire 20x10	20"	10"	18"	14"	20x20
AlterAire 25x10	25"	10"	23"	14"	20x25

- Constructed with heavy gauge galvanized steel
- Reversing access panel for left or right installation
- Removable friction fit cover with magnet
- Accepts 1", 2", 4" or 5" filters including Honeywell and Air Bear
- Angled filter orientation for maximized air flow
- Great for retrofit and new construction installation



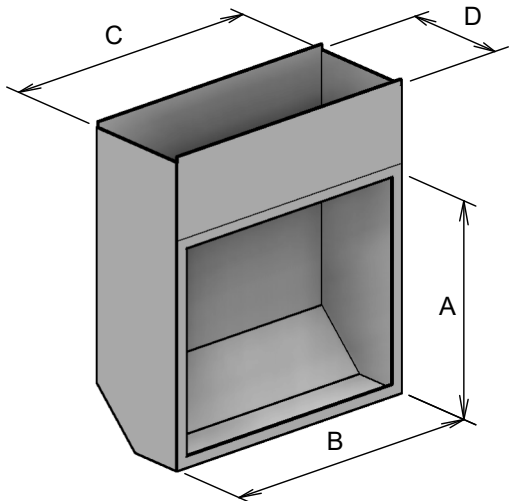
COMPACT RETURN AIR BOOT

Boot Size	Duct Connection		Furnace Connection		Filter Size
	Dim A	Dim B	Dim C	Dim D	
20x10	20"	10"	18"	14"	16x20x1
25x10	25"	10"	23"	14"	16x25x1

- Constructed with heavy gauge galvanized steel
- Great for retrofit and new construction installation
- 1" throat for installation in tight spaces
- Perforated flange goes inside furnace and folds over to secure boot to furnace
- Metal filter cover
- Filter access can be interchanged for left or right hand installation



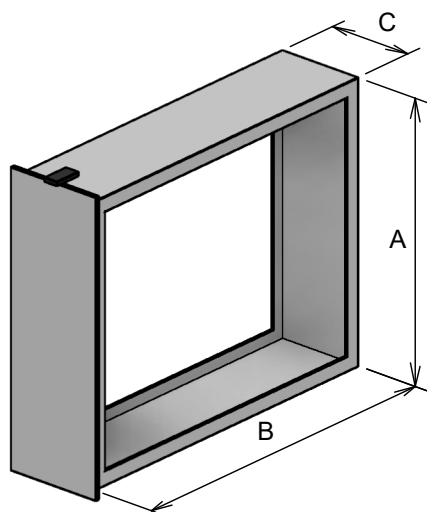
UNIVERSAL FILTER RACK BOOT / UNIVERSAL FILTER RACK



UNIVERSAL FILTER RACK BOOT

Universal Filter Rack Size			Universal Filter Boot Duct Connection		
	Dim A	Dim B		Dim C	Dim D
16x20	16"	20"	20x10	20"	10"
16x25	16"	25"	25x10	25"	10"
20x25	20"	25"	25x10	25"	10"
20x25	20"	25"	25x12	25"	12"

- Used in conjunction with Universal Filter Rack
- Constructed with heavy gauge galvanized steel
- Great for retrofit or new construction installation

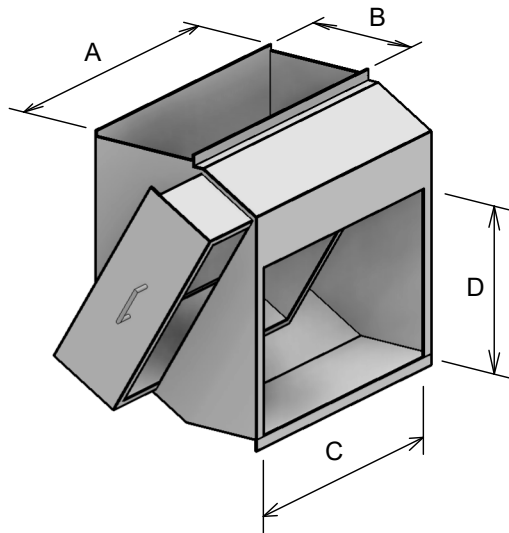


UNIVERSAL FILTER RACK

	Dim A	Dim B	Dim C	Filter Size
16x20x7	16"	20"	7"	16x20
16x25x7	16"	25"	7"	16x25
20x25x7	20"	25"	7"	20x25

- Constructed with heavy gauge galvanized steel
- Removable door
- Great for retrofit and new construction installation
- Fits 1"-5" filters including Honeywell and Trion
- Can be paired with Universal Filter Rack Boot to increase ease of installation

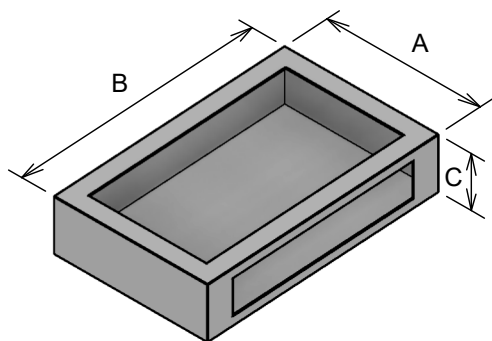
MODIFIED ALTERAIRE BOOT WITH DRAWER / LOW PROFILE BASE



MODIFIED ALTERAIRE BOOT WITH DRAWER

	Duct Connection		Furnace Connection		Filter Size
	Dim A	Dim B	Dim C	Dim D	
Modified AlterAire 25x10	25"	10"	23"	17.75"	20x25
Modified AlterAire 25x12	25"	12"	23"	17.75"	20x25
Modified AlterAire 25x14	25"	14"	23"	17.75"	20x25

- For use with Low-Profile Base
- Constructed with heavy gauge galvanized steel
- Reversing access panel for left or right installation
- Pull out drawer accepts 1", 2", 4" or 5" filters including Honeywell and Air Bear
- Angled filter orientation for maximized air flow
- Great for retrofit and new construction installation

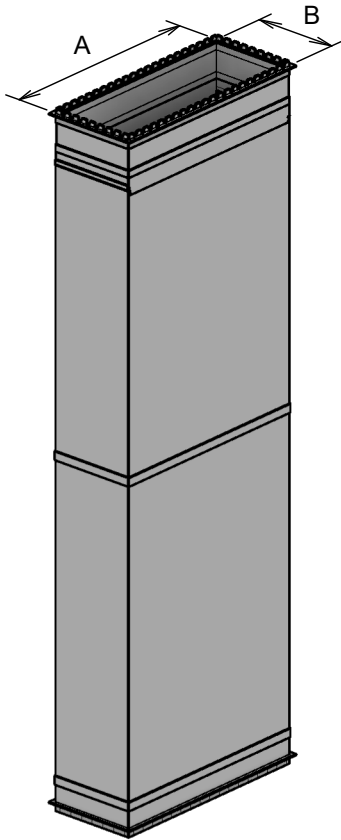


LOW PROFILE BASE

	Dim A (Width)	Dim B (Depth)	Dim C (Height)
RAB Low Profile 14	14"	28.5"	6"
RAB Low Profile 17.5	17.5"	28.5"	6"
RAB Low Profile 21	21"	28.5"	6"
RAB Low Profile 24.5	24.5"	28.5"	6"

- For residential and commercial applications
- Constructed with heavy gauge galvanized steel
- Reversible for left or right installation
- Raises furnace for easier service
- Maximizes airflow by utilizing both bottom and side return to prevent equipment failure (including hi-limit, cracked heat exchanger and premature motor failure) due to restricted air flow
- Great for retrofit and new construction installation
- Can improve airflow throughout duct system
- Improves furnace performance and reduces noise issues

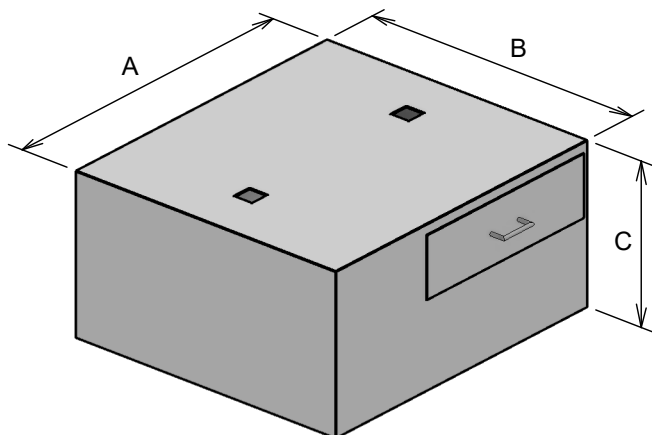
RAB DROP KIT / RETURN AIR BASE



RAB DROP KIT

Kit Size	Duct Connection	
	Dim A	Dim B
20x10	20"	10"
25x10	25"	10"

- Constructed with heavy gauge galvanized steel
- Kit includes start fitting, 2 sections of 36" duct, 3-way sleeve and slips/drives
- Kits are sold 10 per pallet

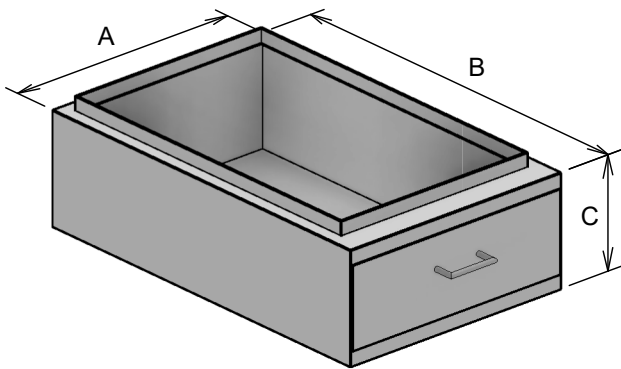


RETURN AIR BASE

	Dim A (Width)	Dim B (Depth)	Dim C (Height)	Filter Size	Capacity
RAB Large	39"	28.5"	19"	20x25	4-5 Ton
RAB Small	32"	28.5"	15.5"	20x25	3 Ton
RAB Mini	26"	28.5"	13.5"	16x25	1.5 Ton

- For residential and commercial applications
- Constructed with heavy gauge galvanized steel
- Strong, unique design supports up to 300 lbs.
- Pull out drawer accepts 1", 2", 4" or 5" media filters
- Reversible access panel for left or right installation
- 2" square starter holes for custom installation of furnace and return air duct
- Raises furnace for easier service
- Bottom return improves furnace performance and reduces noise issues

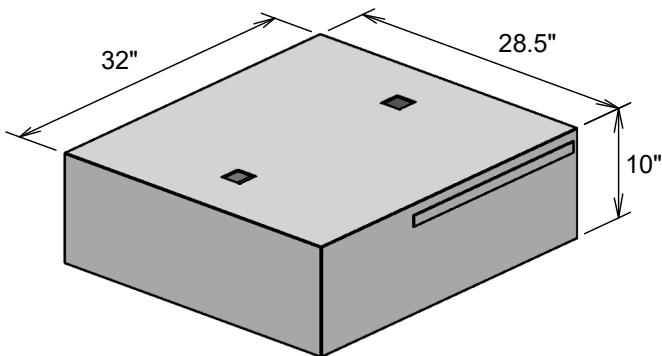
4-N-1 BASE / 1" SHORT RETURN AIR BASE



4-N-1 BASE

	Dim A (Width)	Dim B (Depth)	Dim C (Height)
14.5 x 28.5 x 8	14.5"	28.5"	8"
17.5 x 28.5 x 8	17.5"	28.5"	8"
21 x 28.5 x 8	21"	28.5"	8"

- For residential and commercial applications
- Constructed with heavy gauge galvanized steel
- Raises furnace for easier service
- Great for retrofit and new construction installation
- Fits 1-4" filter
- Open top and bottom with 1" flange around bottom

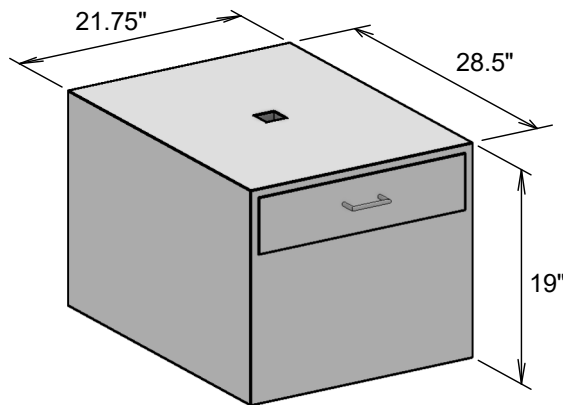


1" SHORT RETURN AIR BASE

- For residential and commercial applications
- Constructed with heavy gauge galvanized steel
- Strong, unique design supports up to 300 lbs.
- Fits 20x25x1" filter with friction fit cover
- Reversible access panel for left or right installation
- 2" square starter holes for custom installation of furnace and return air duct
- Raises furnace for easier service
- Bottom return improves furnace performance and reduces noise issues

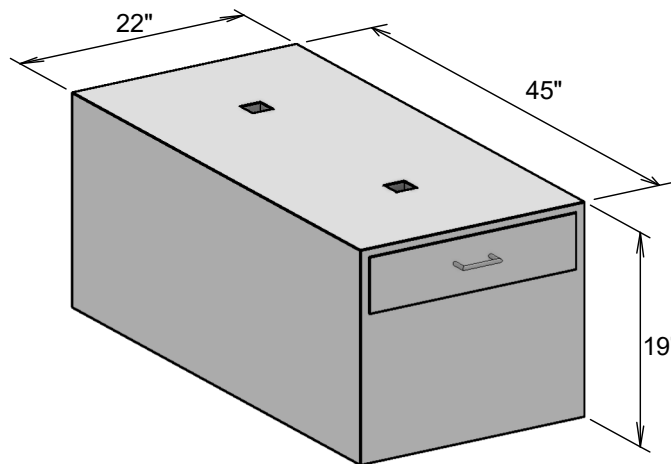


SPECIALTY RETURN AIR BASES



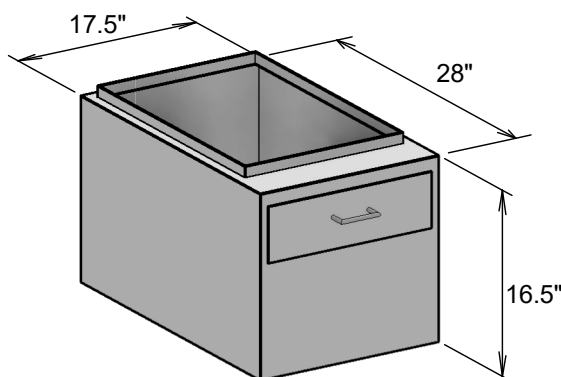
Universal

- 20x25x5" Filter
- Slide out drawer



Front Access

- 20x25x5" Filter
- Slide out drawer

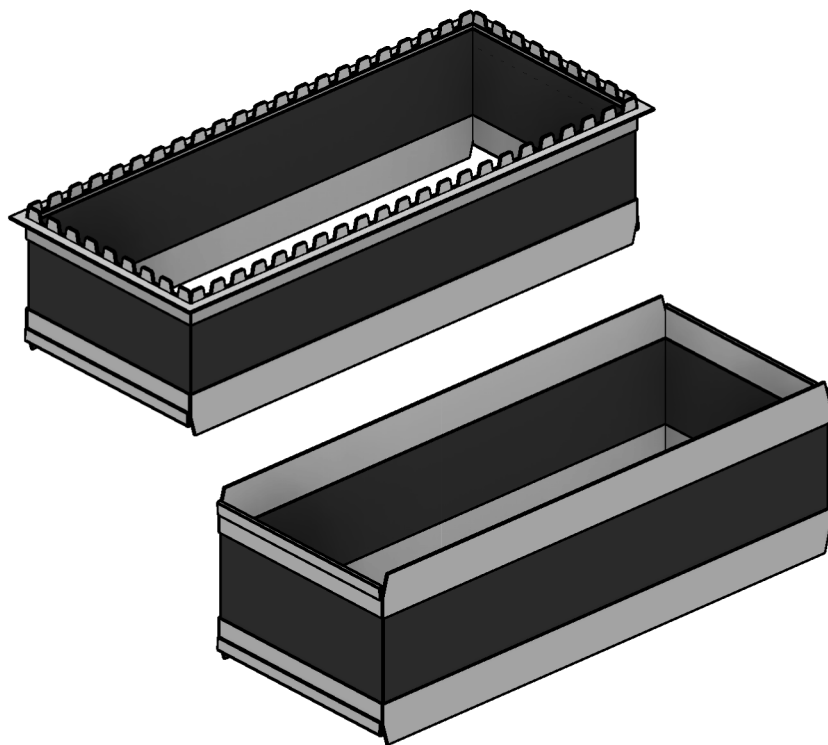


Townhouse

- 16x25x5" Filter
- Friction fit cover
- 1" Flange (23"x15.5")

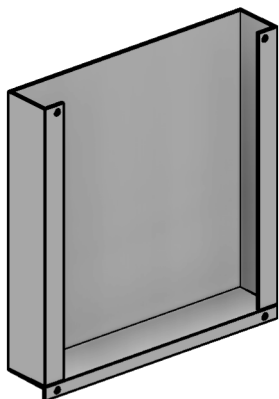


CANVAS CONNECTORS / INFO HOLDERS

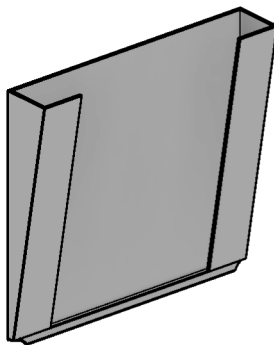


- Available in 20x10, 25x10, and 25x12
- Sound and vibration isolator
- Slip and drive connection

CANVAS CONNECTORS



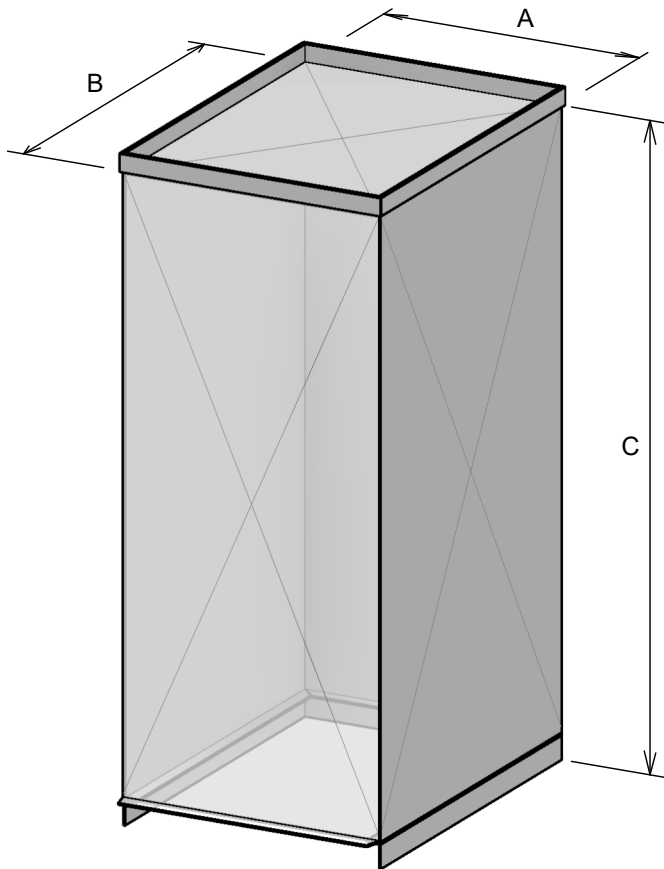
INFO HOLDER - WIDE
Dimensions - 9-1/2" x 9"



INFO HOLDER - ORIGINAL
Dimensions - 8-1/2" x 9"

- Mounts on return duct
- Provides space to store owner's manuals
- Convenient for placing contractor's contact info

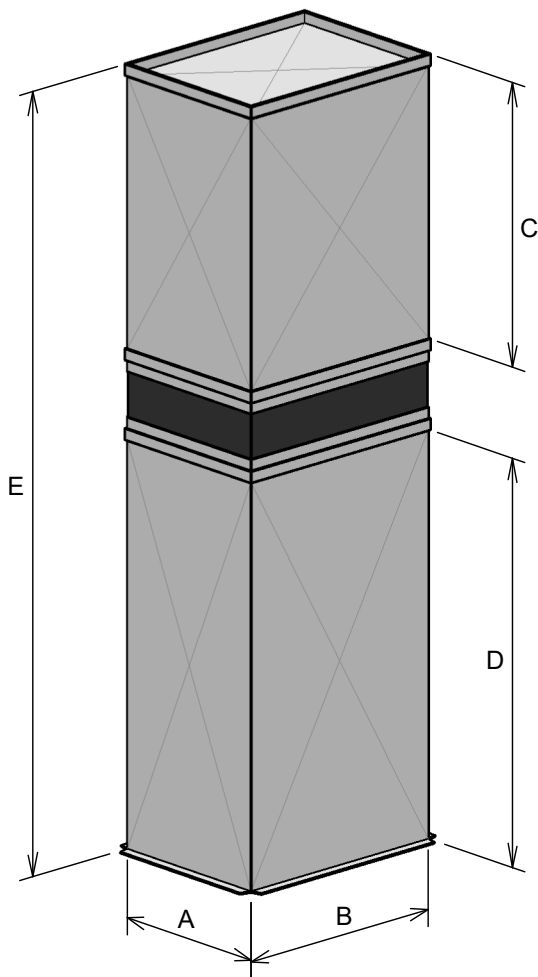
EZ FLANGE PLENUM



Dim A (Width)	Dim B (Depth)	Dim C (Height)
14"	20.5"	3' or 4'
17.5"	20.5"	3' or 4'
21"	20.5"	3' or 4'
24.5"	20.5"	3' or 4'

- Custom fit for Rheem/Ruud furnaces
- EZ Flange rests on top of furnace
- Plenum can be fastened to furnace internally or externally
- Crossbroke
- Back and sides have EZ Flange, front has standard plenum edge

COMPLETE PLENUM

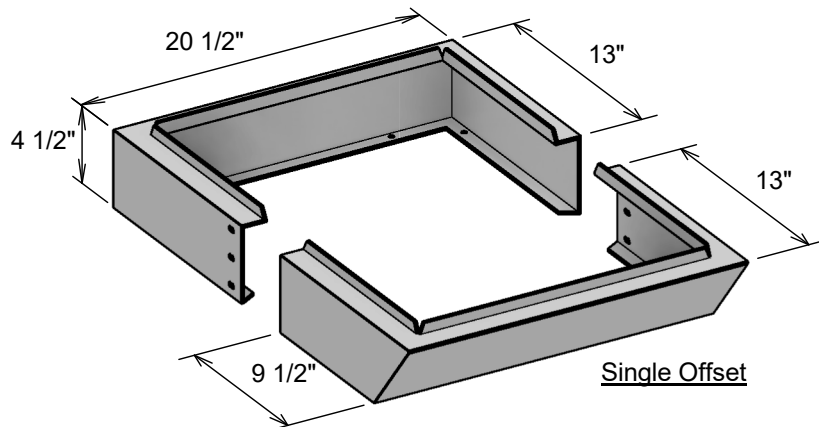
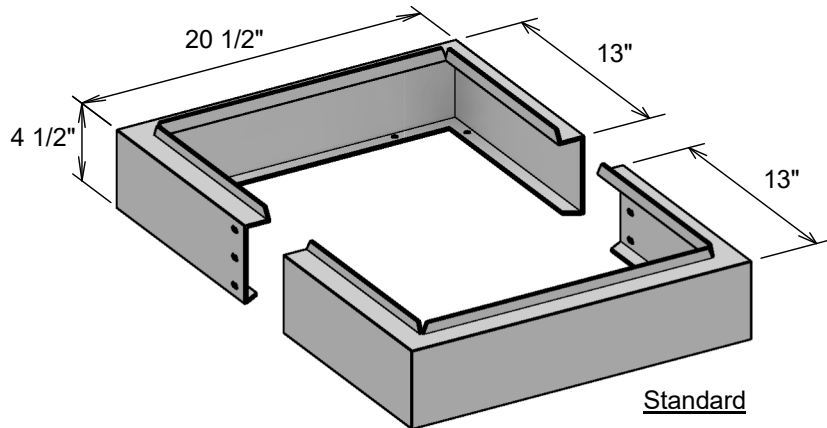


	Dim A	Dim B	Dim C	Dim D	Dim E
14 1/4 x 20	14.25"	20"	2'	3'	63.5"
16 1/2 x 20	16.5"	20"	2'	3'	63.5"
17 1/2 x 20	17.5"	20"	2'	3'	63.5"
17 1/2 x 21	17.5"	21"	2'	3'	63.5"
20 1/4 x 20	20.25"	20"	2'	3'	63.5"
21 x 20	21"	20"	2'	3'	63.5"
23 x 20	23"	20"	2'	3'	63.5"

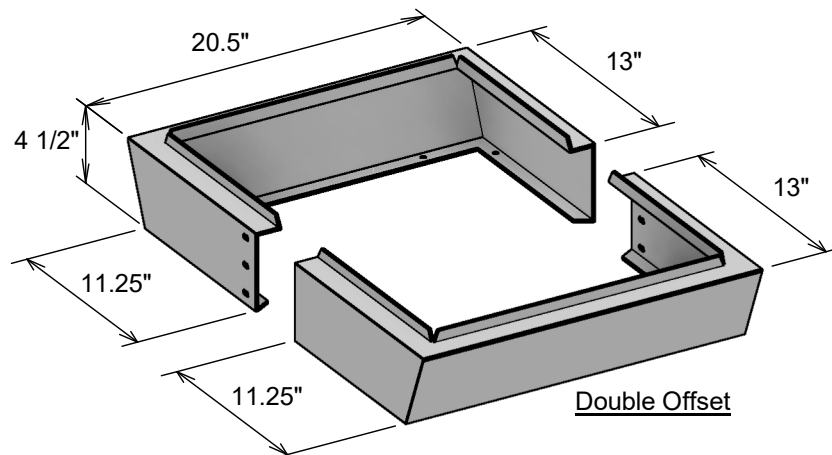
- Complete kit includes: Upper plenum, lower plenum, canvas, and top
- 1" clearance built into top design
- Fits standard furnace sizes - A, B, C, D
- Great for new construction where cased coil is not used
- Each piece also available individually (upper plenum, lower plenum, canvas, and top)



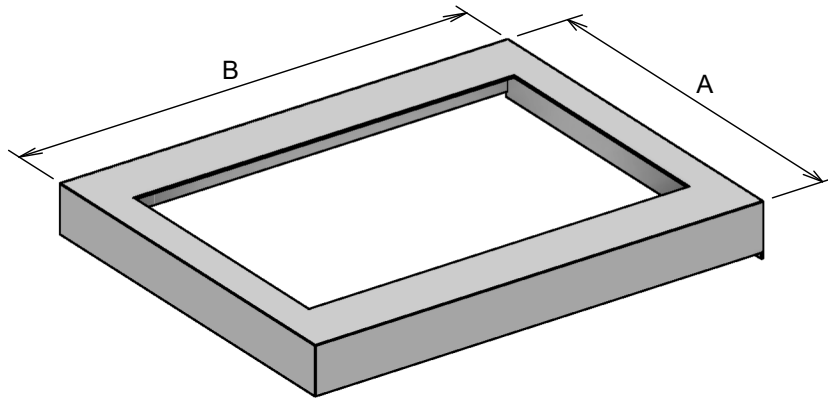
TELESCOPING COIL ADAPTERS



- Adapters are 2 piece adjustable to fit A, B, C and D cabinet widths
- Constructed from heavy gauge galvanized steel



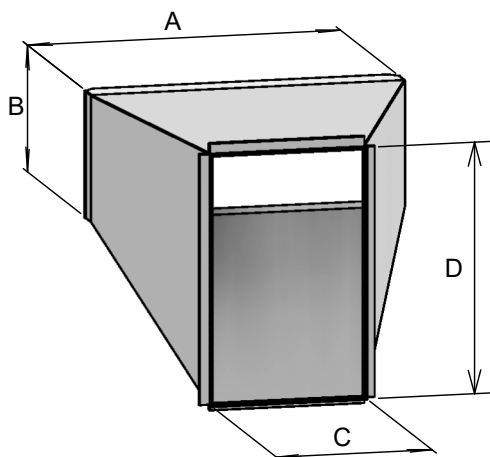
COIL PAN



Pan Size	Dimension A	Dimension B
13-1/4 x 20	13-1/4"	20"
16-1/4 x 20	16-1/4"	20"
23-1/4 x 20	23-1/4"	20"
20 x 20	20"	20"

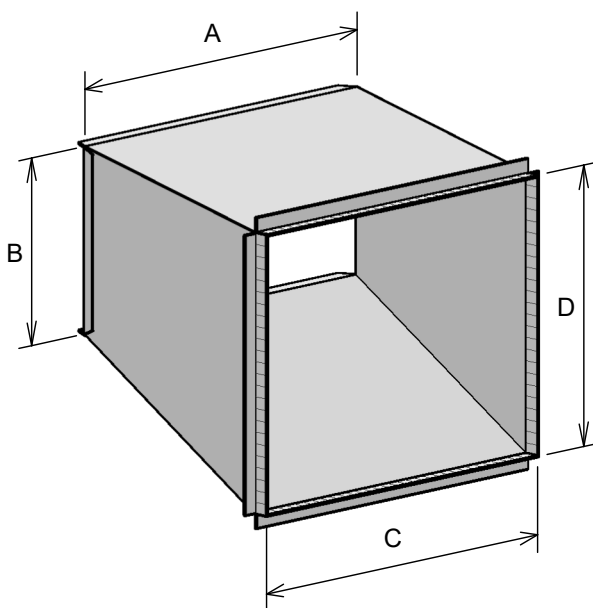
- Constructed with heavy gauge galvanized steel
- 2" deep; rear of pan is 2-1/4" deep to pitch the A-Coil for drainage

TRANSITION START COLLAR / OFFSET STARTING COLLAR 2"



TRANSITION START COLLAR

	Dim A	Dim B	Dim C	Dim D
20x10-10x18	20"	10"	10"	18"
24x10-10x22	24"	10"	10"	22"
30x10-12x22	30"	10"	10"	22"

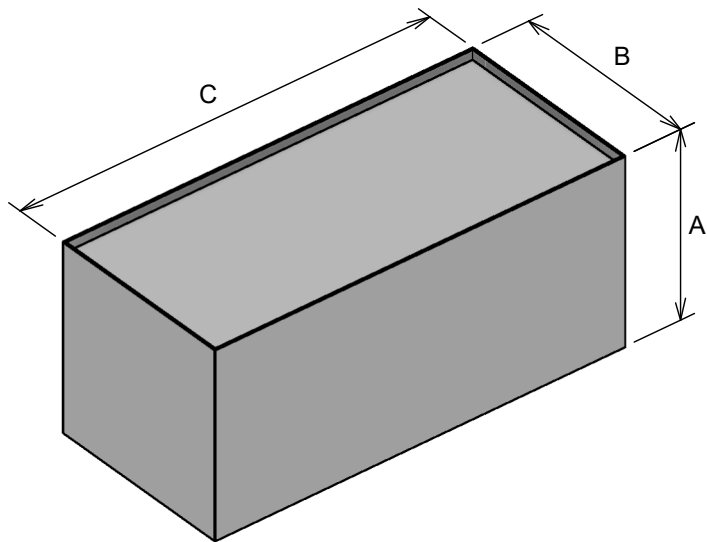


OFFSET STARTING COLLAR 2"

Duct Size	Plenum Cut Out	Rise
8"x8"	8"x12"	2"
10"x8"	10"x12"	2"
12"x8"	12"x12"	2"
14"x8"	14"x12"	2"
16"x8"	16"x12"	2"
18"x8"	18"x12"	2"
20"x8"	20"x12"	2"
22"x8"	22"x12"	2"
24"x8"	24"x12"	2"

Duct Size	Plenum Cut Out	Rise
10"x10"	10"x14"	2"
12"x10"	12"x14"	2"
14"x10"	14"x14"	2"
16"x10"	16"x14"	2"
18"x10"	18"x14"	2"
20"x10"	20"x14"	2"
22"x10"	22"x14"	2"
24"x10"	24"x14"	2"
24"x12"	24"x16"	2"

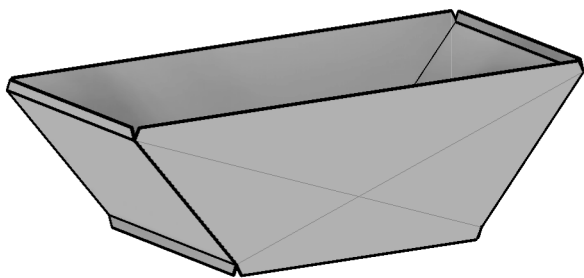
ZONE PLENUM / ZONE PLENUM TRANSITION



ZONE PLENUM

	Dimension A (Height)	Dimension B (Width)	Dimension C (Length)
2 Zone	19.5"	20"	29"
3 Zone	19.5"	20"	44"
4 Zone	19.5"	20"	59"

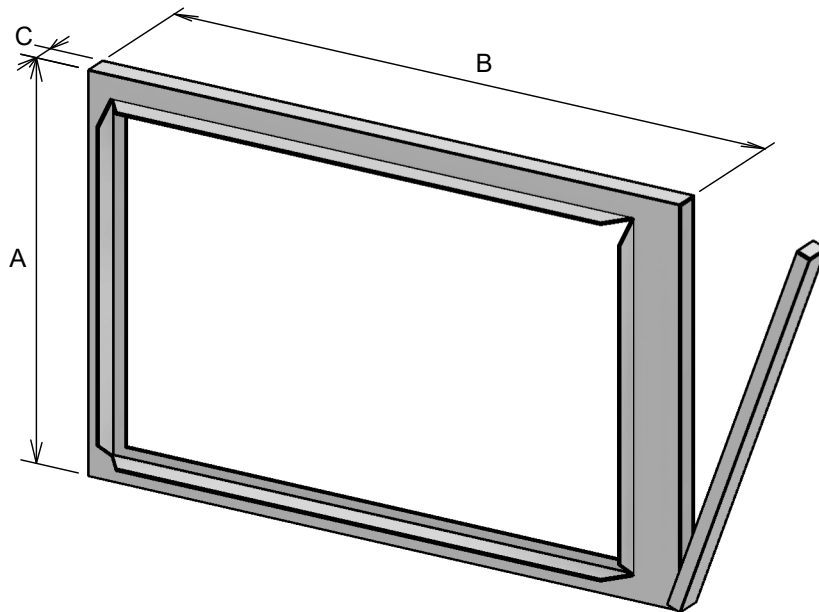
- For residential and commercial applications
- Constructed with heavy gauge galvanized steel
- Designed to fit 20x14 zone dampers (not included)
- Standard transitions available to fit manufacturers' A, B, C, D cabinet widths
- Labor saving dimple pattern for damper and duct placement



ZONE PLENUM TRANSITION

- For use with 2 Zone and 3 Zone Plenums
- Available for 17-1/2", 21", and 24" Furnaces
- 9" tall

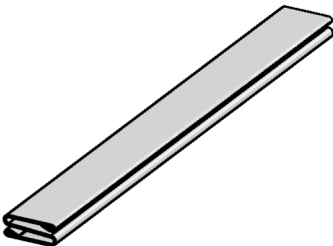
FILTER RACK



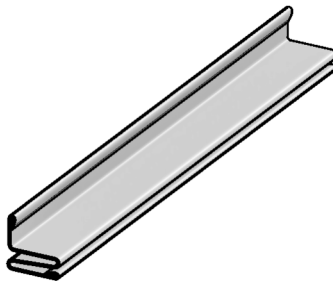
	Dim A	Dim B	Dim AC	Filter Size
14x20x1	14"	20"	1"	14x20
16x20x1	16"	20"	1"	16x20
20x20x1	20"	20"	1"	20x20
16x25x1	16"	25"	1"	16x25
20x25x1	20"	25"	1"	20x25

- Side or top load configurations available
- Friction fit cover
- Fits 1" filter
- Custom sizes available

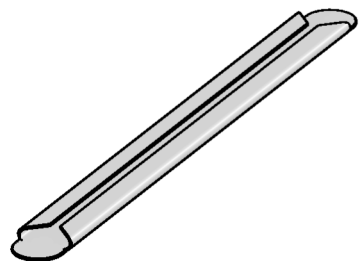
SLIPS & DRIVES



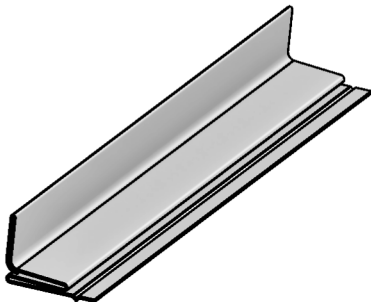
RESIDENTIAL FLAT SLIP



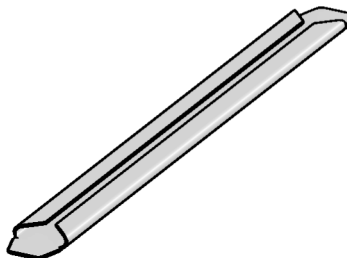
RESIDENTIAL STANDING SLIP



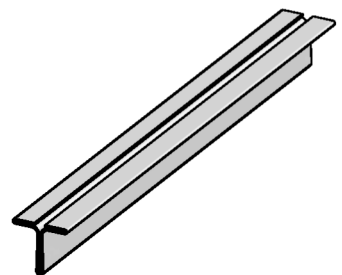
RESIDENTIAL DRIVE



COMMERCIAL 1" STANDING SLIP



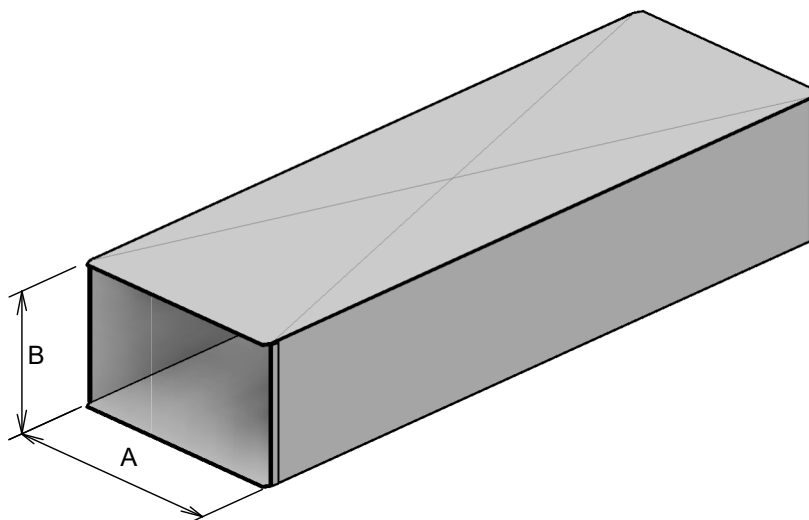
COMMERCIAL FLAT DRIVE



COMMERCIAL 1" STANDING DRIVE



RESIDENTIAL DUCT

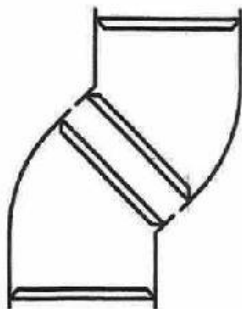


		Width (DIM A)									
		8"	10"	12"	14"	16"	18"	20"	22"	24"	25"
Depth (DIM B)	8"	■	■	■	■	■	■	■	■	■	■
	10"		■	■	■	■	■	■	■	■	■
	12"			■	■	■	■	■	■	■	■
	14"				■						

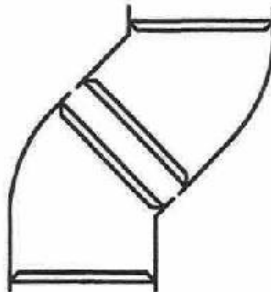
- Built to SMACNA standards
- Slip & Drive connection standard
- Snap lock seam standard, Hemmed lock available also
- Available in 3', 4', or 5' lengths
- Custom sizes available

OFFSET AMOUNTS USING 45° ELBOWS

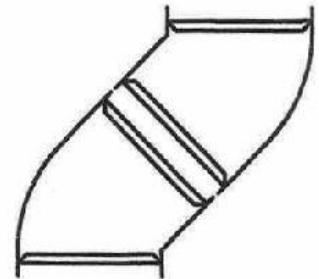
Short Throat
to Short Throat



Short Throat
to Long Throat

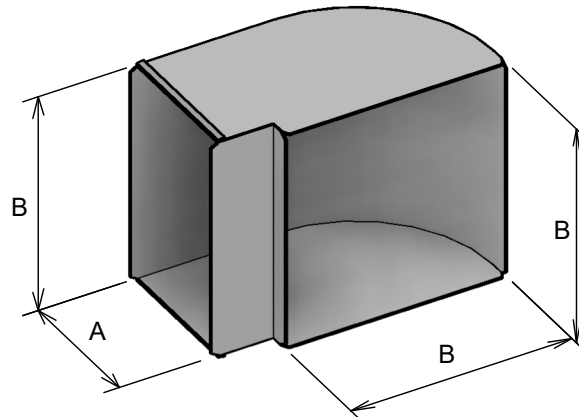
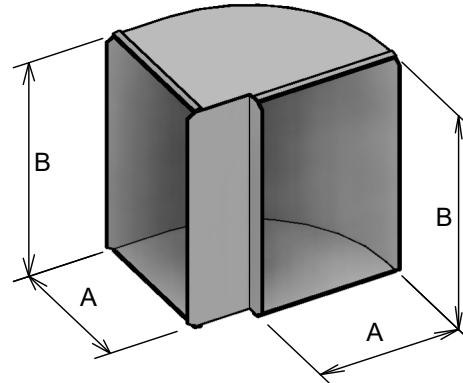
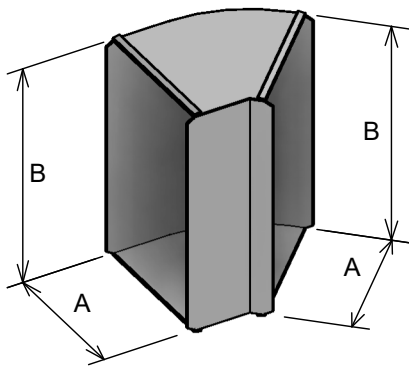


Long Throat
to Long Throat



8" Cheek	3-1/4" Offset	5-1/2" Offset	8" Offset
10" Cheek	3-3/4" Offset	6-1/4" Offset	8-1/2" Offset
12" Cheek	4-3/8" Offset	6-3/4" Offset	9-1/8" Offset
14" Cheek	4-1/2" Offset	7" Offset	9-5/8" Offset
16" Cheek	5-5/8" Offset	8" Offset	10-1/2" Offset
18" Cheek	6-1/4" Offset	8-3/4" Offset	11" Offset
20" Cheek	6-5/8" Offset	9-1/8" Offset	11-1/2" Offset
22" Cheek	7-1/4" Offset	9-3/4" Offset	12-1/8" Offset
24" Cheek	7-3/4" Offset	10-1/8" Offset	12-1/2" Offset
25" Cheek	8" Offset	10-1/4" Offset	12-3/4" Offset

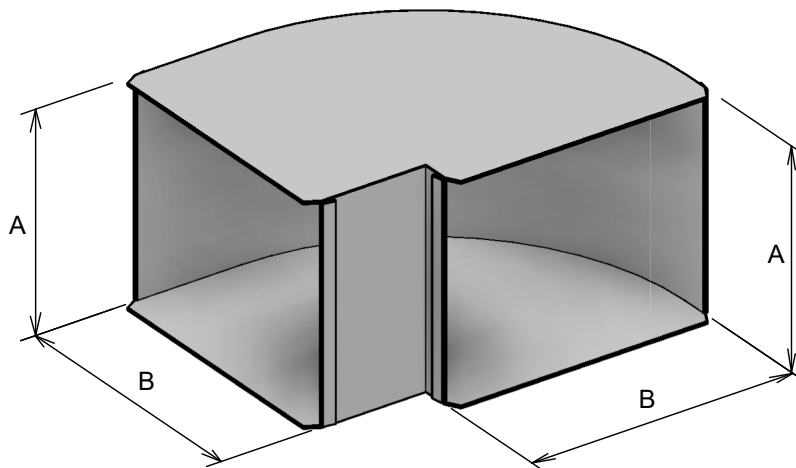
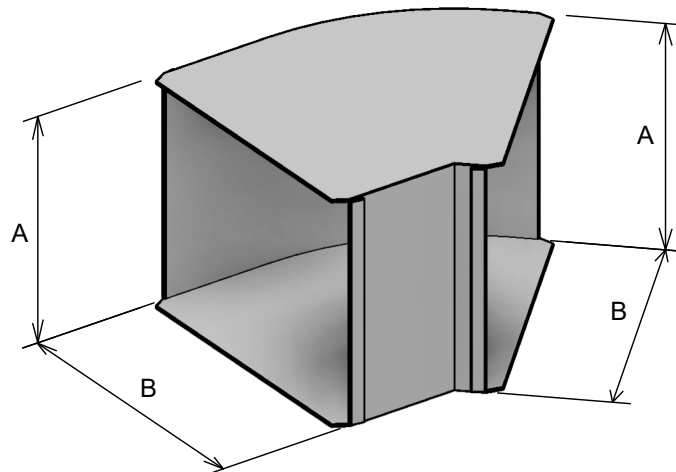
SHORT WAY ELBOWS (45 AND 90 DEGREE) & JUMPER ELBOWS



	DIM B									
	8"	10"	12"	14"	16"	18"	20"	22"	24"	25"
8" Duct (DIM A)	■	■	■	■	■	■	■	■	■	
10" Duct (DIM A)		■	■	■	■	■	■			■
12" Duct (DIM A)										■

- 1 x 4 Throat
- For residential installation
- Custom sizes available

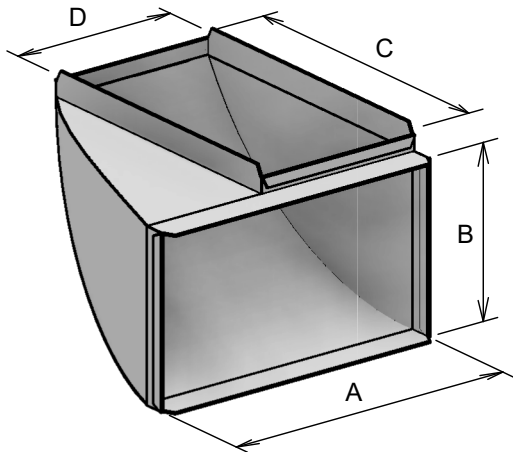
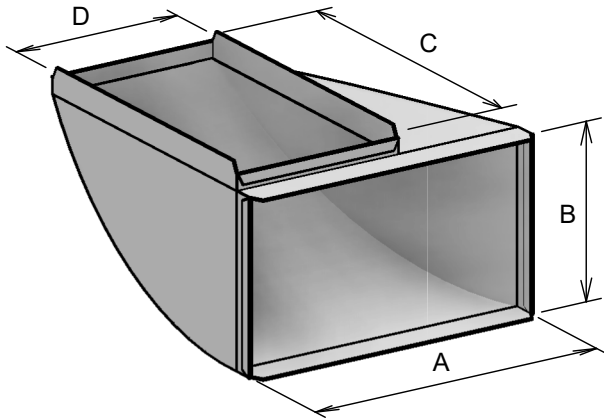
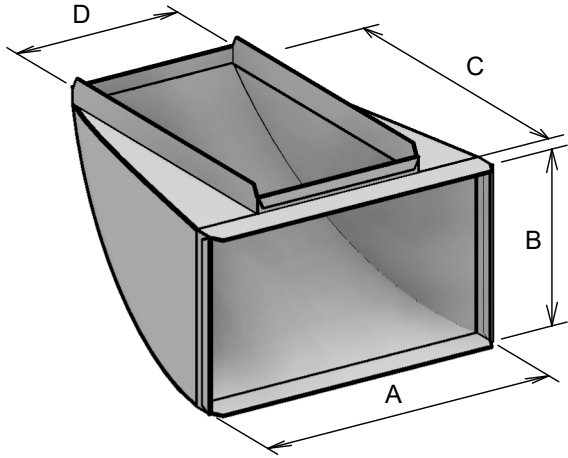
BIG WAY ELBOWS (45 AND 90 DEGREE)



	DIM B									
	8"	10"	12"	14"	16"	18"	20"	22"	24"	25"
8" Duct (DIM A)	■	■	■	■	■	■	■	■	■	
10" Duct (DIM A)		■	■	■	■	■	■			■
12" Duct (DIM A)										■

- 1 x 4 Throat
- For residential installation
- Custom sizes available

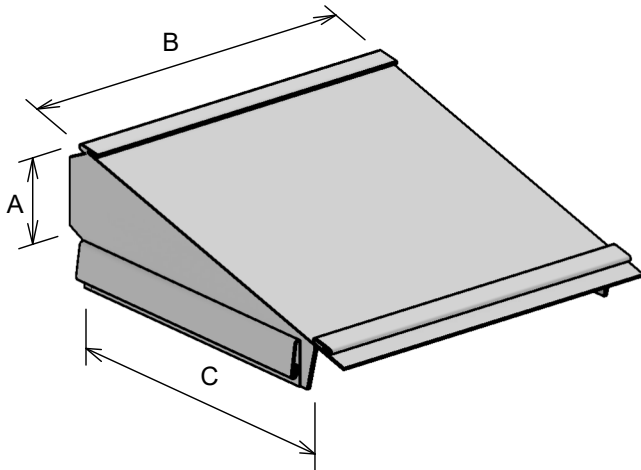
REVERSE ELBOW



Size	Dim A	Dim B	Dim C	Dim D
10 x 8	10"	8"	10"	8"
12 x 8	12"	8"	12"	8"
14 x 8	14"	8"	14"	8"
16 x 8	16"	8"	16"	8"
18 x 8	18"	8"	18"	8"
20 x 8	20"	8"	20"	8"
22 x 8	22"	8"	22"	8"
24 x 8	24"	8"	24"	8"
12 x 10	12"	10"	12"	10"
14 x 10	14"	10"	14"	10"
16 x 10	16"	10"	16"	10"
18 x 10	18"	10"	18"	10"
20 x 10	20"	10"	20"	10"

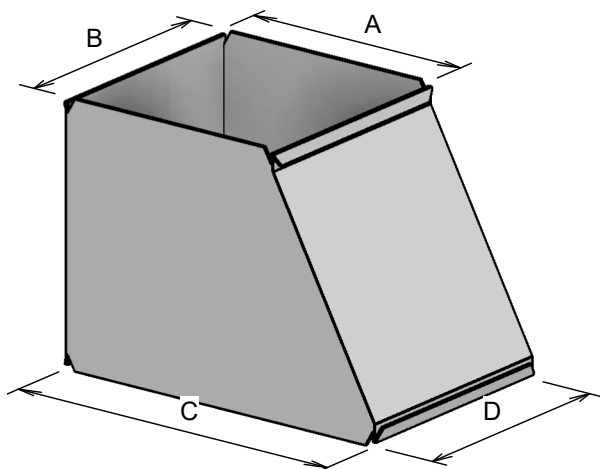
- Available in center, flat on left, and flat on right
- Custom sizes available

SHORT INCREASER/REDUCER TRANSITION / DUCT TRANSITIONS



	Dim A	Dim B	Dim C
2"x8"	2"	8"	8"
4"x8"	4"	8"	8"
6"x8"	6"	8"	8"
8"x8"	8"	8"	8"
2"x10"	2"	10"	8"
4"x10"	4"	10"	8"
6"x10"	6"	10"	8"
8"x10"	8"	10"	8"

SHORT INCREASER/REDUCER TRANSITION

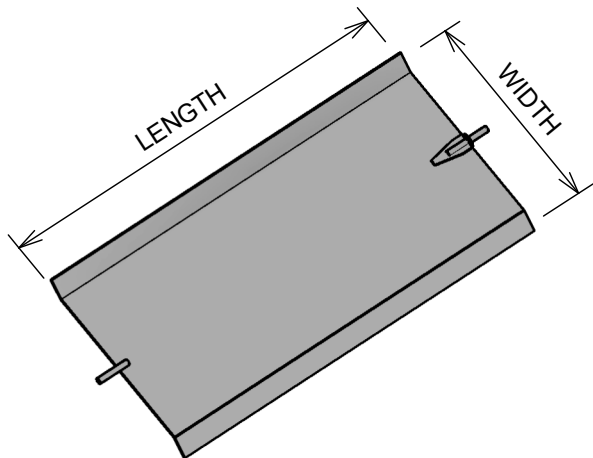


AxB	10x8	12x8	14x8	16x8	18x8	20x8	22x8	24x8	14x10	16x10	18x10	20x10
8x8	■	■	■	■								
10x8		■	■	■	■							
12x8			■	■	■	■						
14x8				■	■	■	■		■			
16x8					■	■	■	■				
18x8						■	■	■				
20x8							■	■				■
22x8								■				
12x10		■							■			
14x10										■		
16x10				■							■	
18x10					■							■
25x10												■

DUCT TRANSITIONS

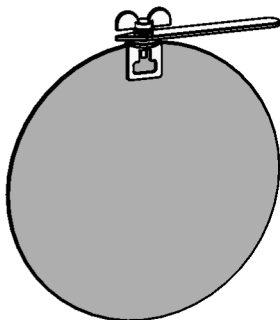
- Custom sizes available
- Reducable in both directions (width and length)

VOLUME DAMPER / ROUND DAMPER



VOLUME DAMPER

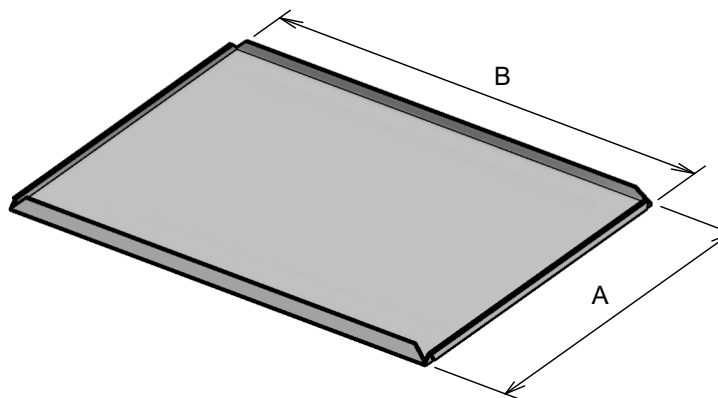
- Includes spring loaded regulator on one end, formed tab on other end
- Available in 8-24" lengths
- Available in 8" and 10" widths
- Length and width dimensions are nominal, damper is downsized 1/4"



ROUND DAMPER

- 6" available w/ single Stay Tight regulator
- 4" - 14" available w/ RB50 Rapit regulators

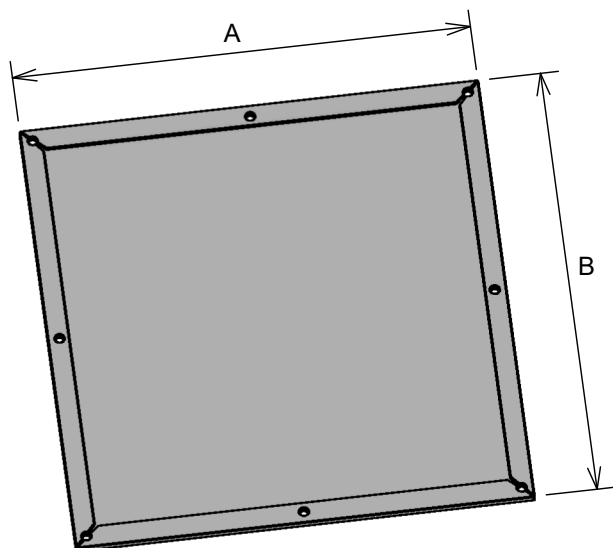
END CAP / DUCT PATCH



		Length (DIM B)									
		8"	10"	12"	14"	16"	18"	20"	22"	24"	25"
Width (DIM A)	8"	■	■	■	■	■	■	■	■	■	
	10"		■	■	■	■	■	■	■	■	■
	12"			■	■	■	■	■	■	■	■
	14"				■						

➤ Slip & Drive Connection

END CAP

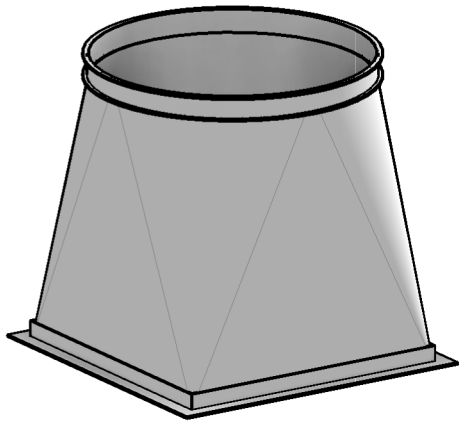


Dim A	Dim B
8"	8"
10"	10"
12"	12"
14"	14"
16"	16"
18"	18"

- Constructed with heavy gauge galvanized steel
- Pre-drilled holes for ease of mounting
- Folded edges for added support
- Gasket provided upon request

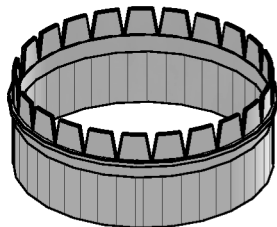
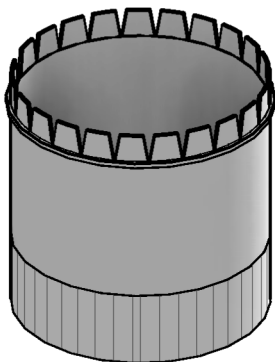
DUCT PATCH

SQUARE TO ROUND TRANSITION / COLLAR - SHORT/LONG



SQUARE TO ROUND TRANSITION

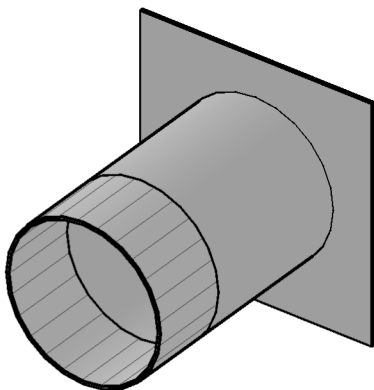
- Available with TDC, Slip & Drive, or Raw Edge connection
- Can be centered, flat to one side, or offset
- Custom sizes available



COLLAR - SHORT/LONG

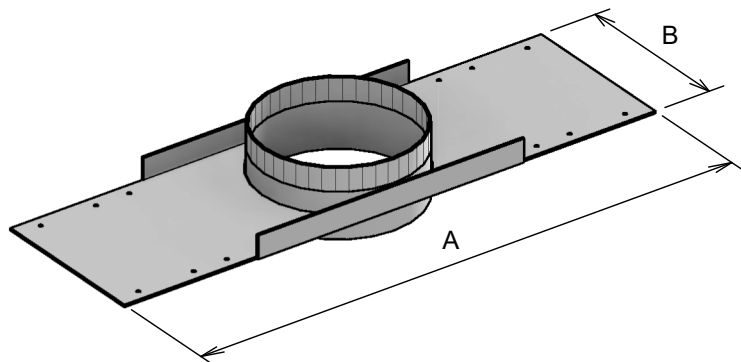
- Available in short (2") or long (6") lengths
- Available in 3"-20" diameters
- Short collars are available crimped or non-crimped
- Rounded tabs to avoid sharp edges

BATHROOM EXHAUST HOOKUP / CEILING FRAME

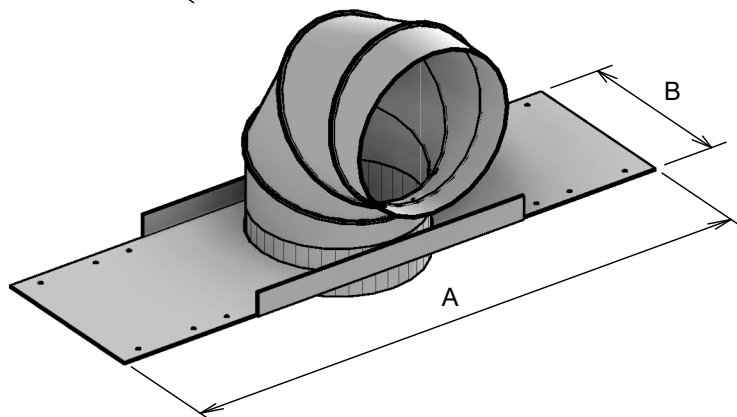


BATHROOM EXHAUST HOOKUP

- 4" round with 6"x6" base
- 4" round with 10"x10" base
- 6" round with 10"x10" base



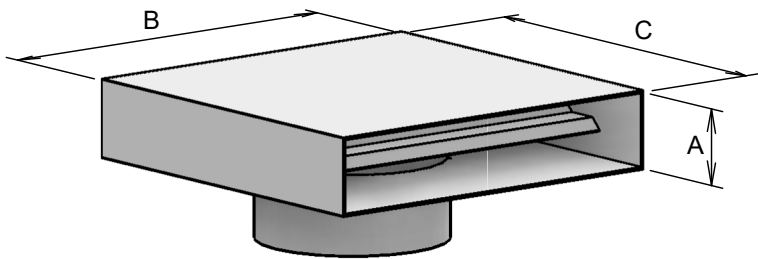
	Dimension A	Dimension B	Connection
Straight	26"	6"	6"
90 Degree	26"	6"	6"



CEILING FRAME

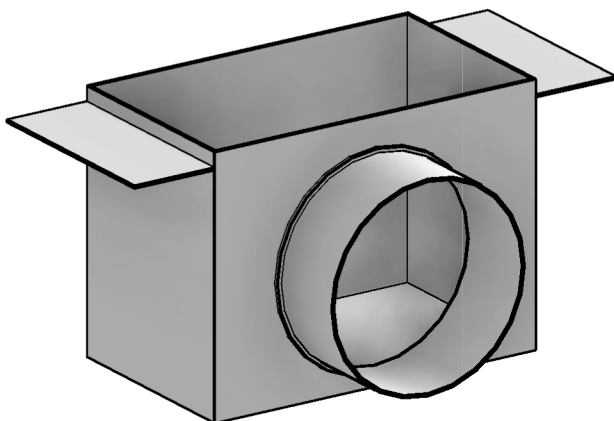
- Use to mount ceiling registers
- Can be used for 16" or 24" on center
- Straight or 90 degree configuration

TOESPACE HEAD / CEILING HEAD



Dimension A	Dimension B	Dimension C	Damper
2-1/4"	10"	12"	Yes
2-1/4"	12"	12"	Yes

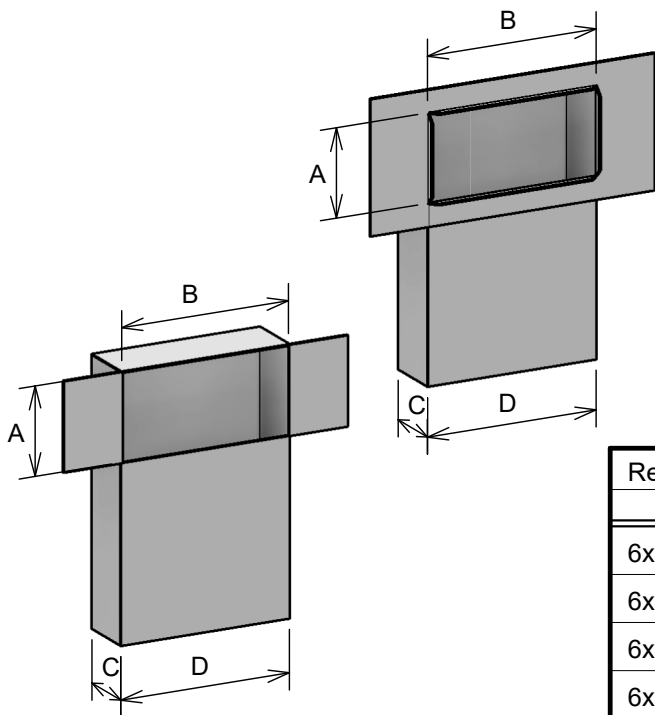
TOESPACE HEAD



CEILING HEAD

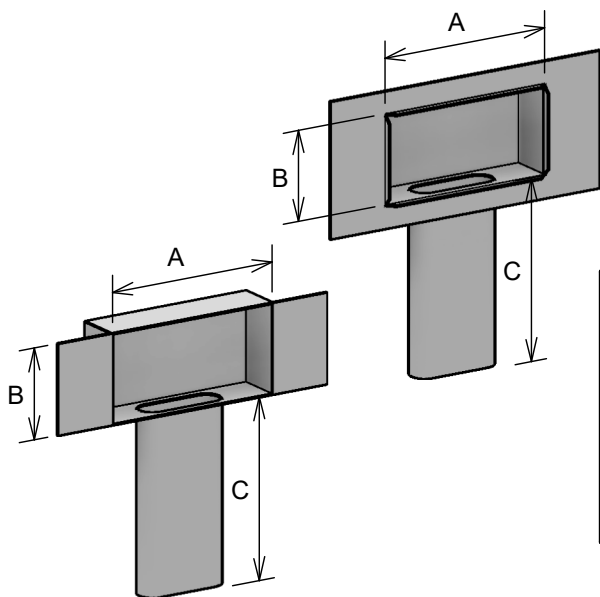
- Available sizes:
 - 6x10-6
 - 6x12-6
 - 6x10-6 straight
- Constructed with heavy gauge galvanized steel
- Used to transition from round pipe to register
- Includes attached ears for fastening to joists

STACK HEAD / OVAL STACK HEAD



STACK HEAD

Register Size			Duct Size			Options
	Dim A	Dim B		Dim C	Dim D	
6x12	6"	12"	3.25x12	3.25"	12"	w/ 7" Collar and Ears
6x12	6"	12"	3.25x12	3.25"	12"	w/ 7" Collar and Frame
6x14	6"	14"	3.25x14	3.25"	14"	w/ 7" Collar and Ears
6x14	6"	14"	3.25x14	3.25"	14"	w/ 7" Collar and Frame

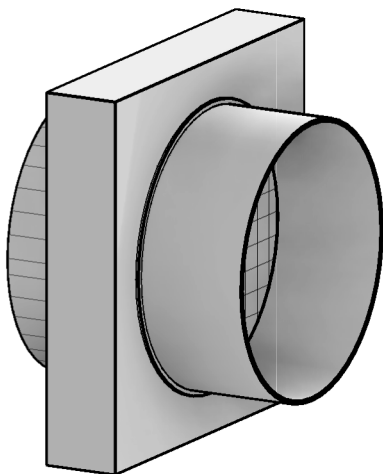


OVAL STACK HEAD

Register Size	Pipe Size		Options	
	Dim A	Dim B	Dim C	Dim D
4x8	8"	4"	4" Round	
10x6	10"	6"	6" Oval	Sealed or Unsealed, Frame or Ears
12x6	12"	6"	7" Oval	Sealed or Unsealed, Frame or Ears
14x6	14"	6"	7" Oval	Sealed or Unsealed, Frame or Ears

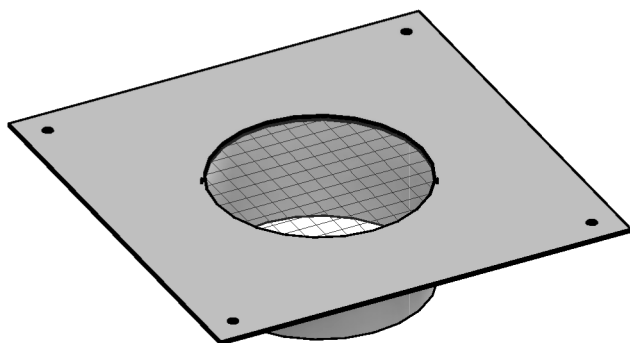
- Constructed with heavy gauge galvanized steel
- Available with 10" or 13" stack height (Dim C)

ROUND FILTER BOX



ROUND FILTER BOX

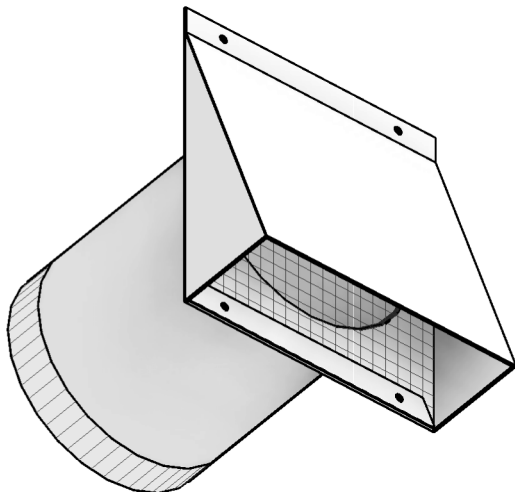
- Available sizes include 6", 8", 10", 12"
- Filter included and is washable (reusable)
- Comes with friction fit cover
- Can be used for general air filtration or used to filter incoming fresh air



SOFFIT VENT

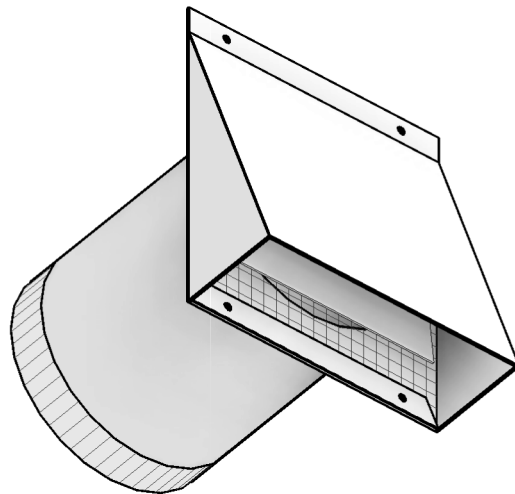
- Available in 3", 4", 5", 6", 7" and 8"
- Quality galvanized construction with 1/4" bird screen

FRESH AIR HOOD / EXHAUST HOOD



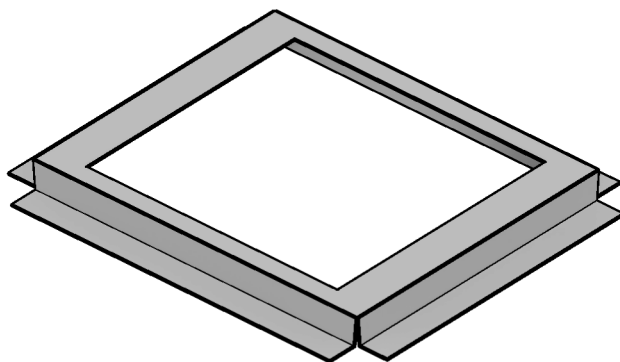
FRESH AIR HOOD

- Available in 4-10" and 12"
- Custom sizes available
- Bird screen
- 10" long throat



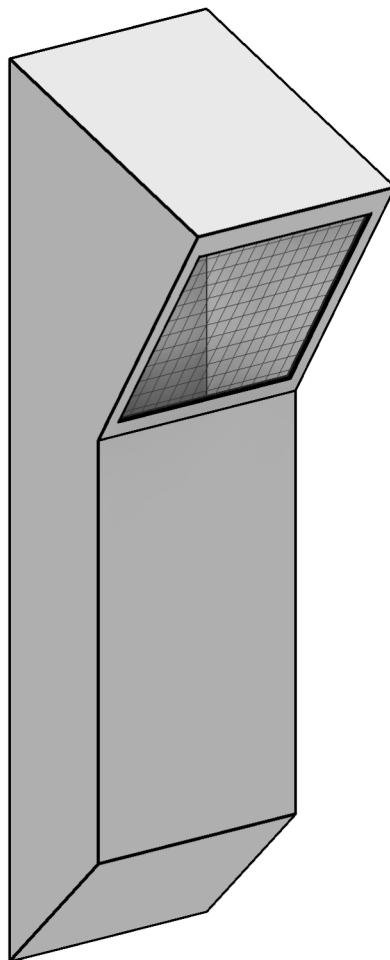
EXHAUST HOOD

- Available in 4", 6", 7" & 8"
- Custom sizes available
- Bird screen
- Weighted canvas damper
- 10" long throat



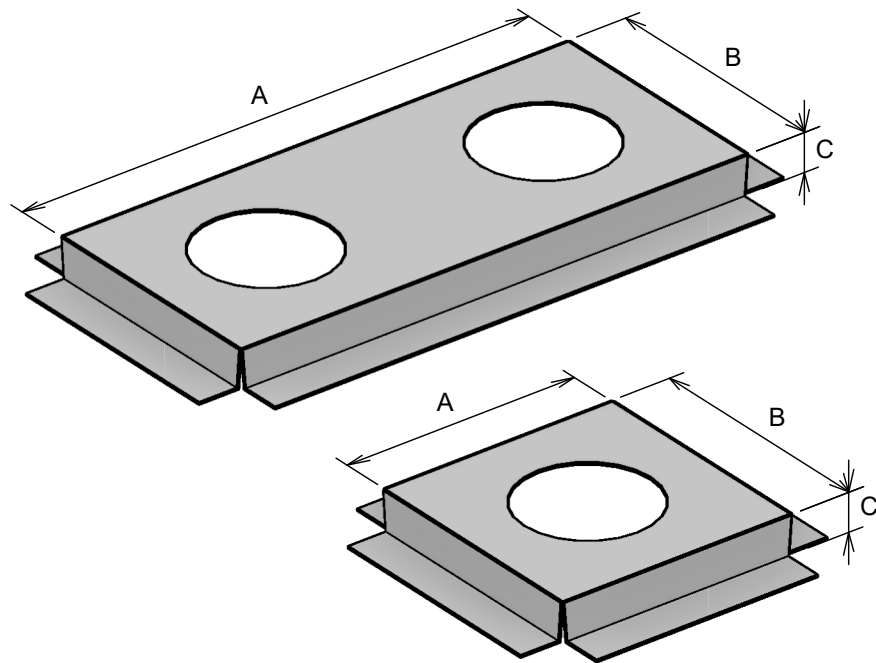
FRESH AIR HOOD TERMINATION PLATE

SNOW HOOD



- Available with 4", 5" or 6" collar or blank
- Raises fresh air intake
- Custom sizes available

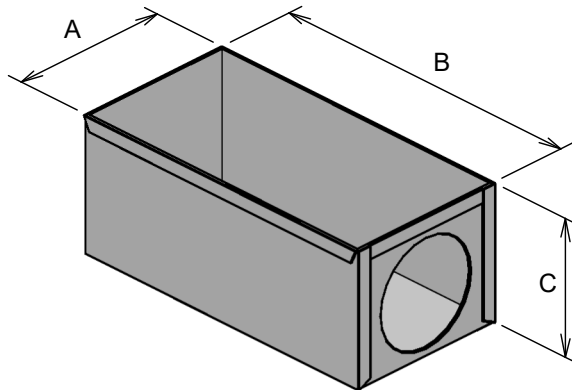
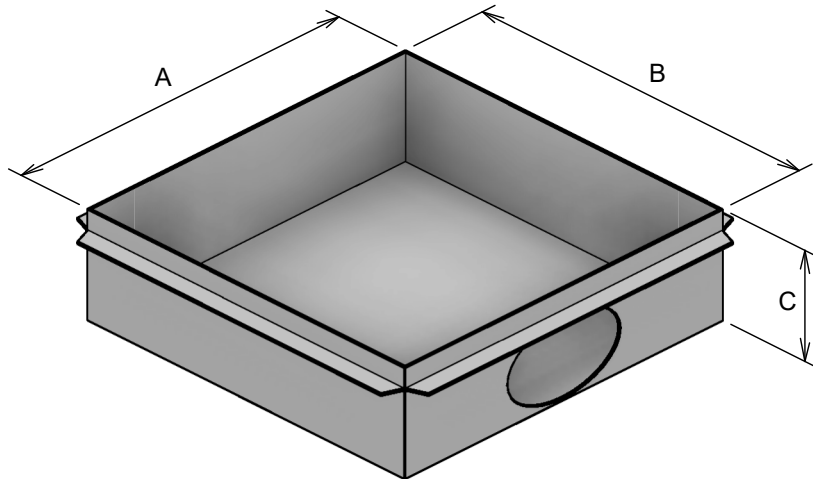
TERMINATION BOX



Termination Box				
	Hole Size	Dim A	Dim B	Dim C
2 PVC DBL	2.6"	10"	4.5"	1"
3 PVC DBL	3.6"	12"	5"	1"
1 PVC SGL	1.25"	4.5"	4.5"	3/4"
1.5 PVC SGL	2"	4.5"	4.5"	3/4"
2 PVC SGL	2.6"	4.5"	4.5"	3/4"
3 PVC DBL	3.6"	5"	5"	3/4"
4 PVC SGL	4.25"	8"	8"	1"

- Available in galvanized or white
- Available to fit 2" or 3" pvc pipe
- 3/4" or 1" standoff

DRYER BOX

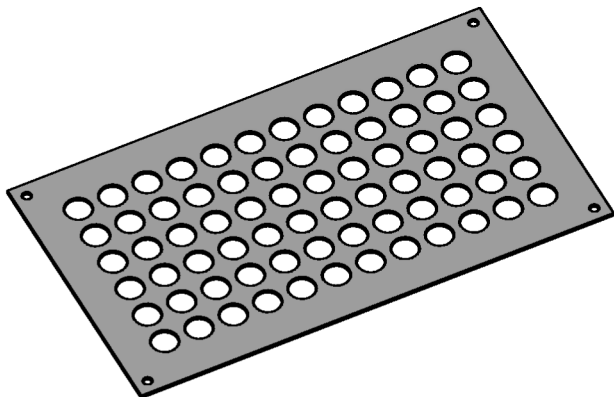


	Dim A	Dim B	Dim C	Opening
Large Oval	14"	14"	4"	4" Oval
Large Round	14"	14"	5"	4" Round
Regular	6"	12"	5"	4" Round

- Dryer box is recessed in wall for clean looking installation
- Allows dryer to be located closer to wall
- Provides easier hook-up to dryer venting

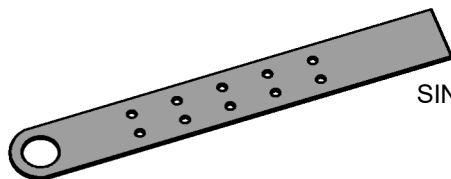


FLOOR COVER / GAS PIPE HARNESS / FURNACE LEG



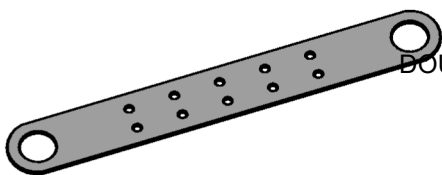
FLOOR COVER

- For use during rough-in to reduce debris in register boots.
- Standard size - 12x6. Custom sizes available.
- Punched-hole design to allow airflow.



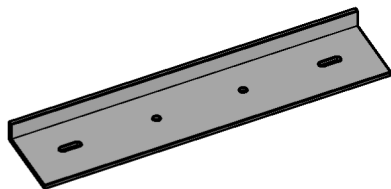
SINGLE

- Used to hold 1/2" black iron gas piping in place
- 1-1/4" x 9"



DOUBLE

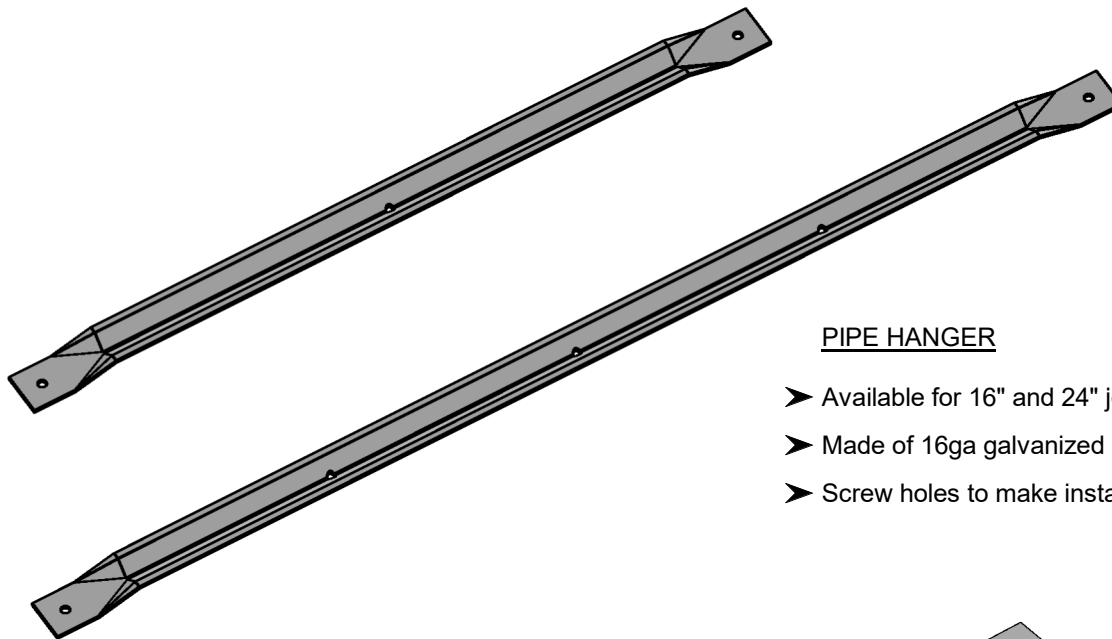
GAS PIPE HARNESS



FURNACE LEG

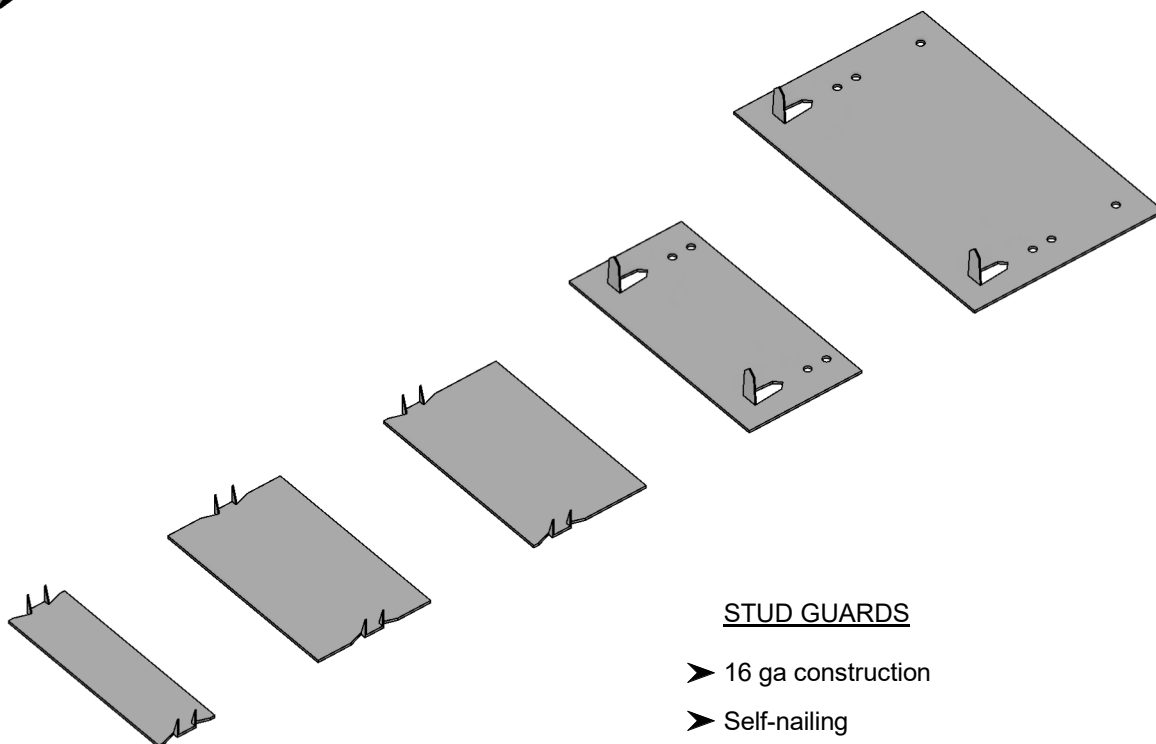
- 3/8" x 1" x 6" long
- Raises furnace off of the floor
- Can be used in new construction or retrofit installations
- Can be set to accomodate uneven floors

PIPE HANGER / STUD GUARDS



PIPE HANGER

- Available for 16" and 24" joist spaces
- Made of 16ga galvanized steel
- Screw holes to make installation easier

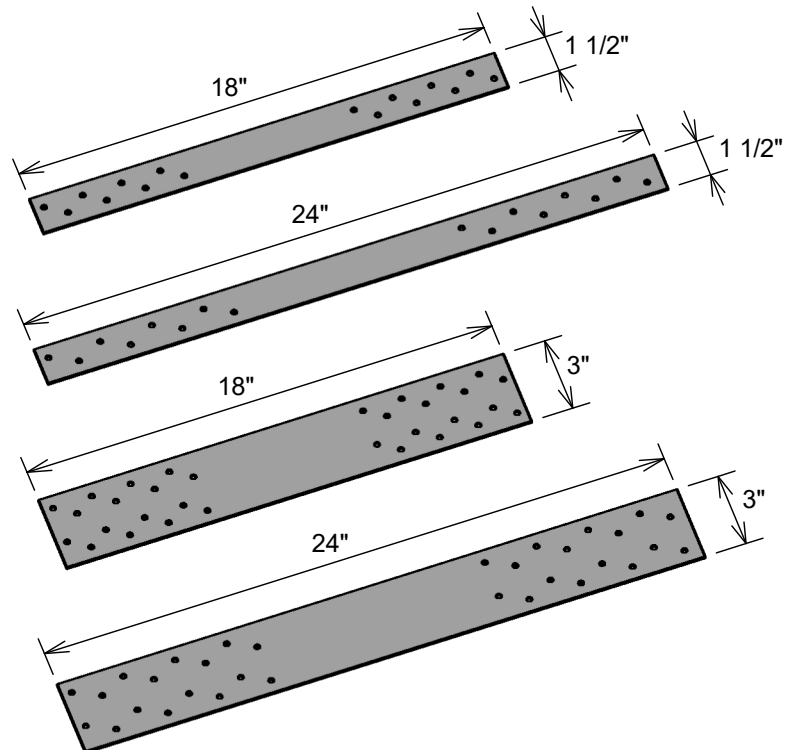


STUD GUARDS

- 16 ga construction
- Self-nailing
- Protects pipes



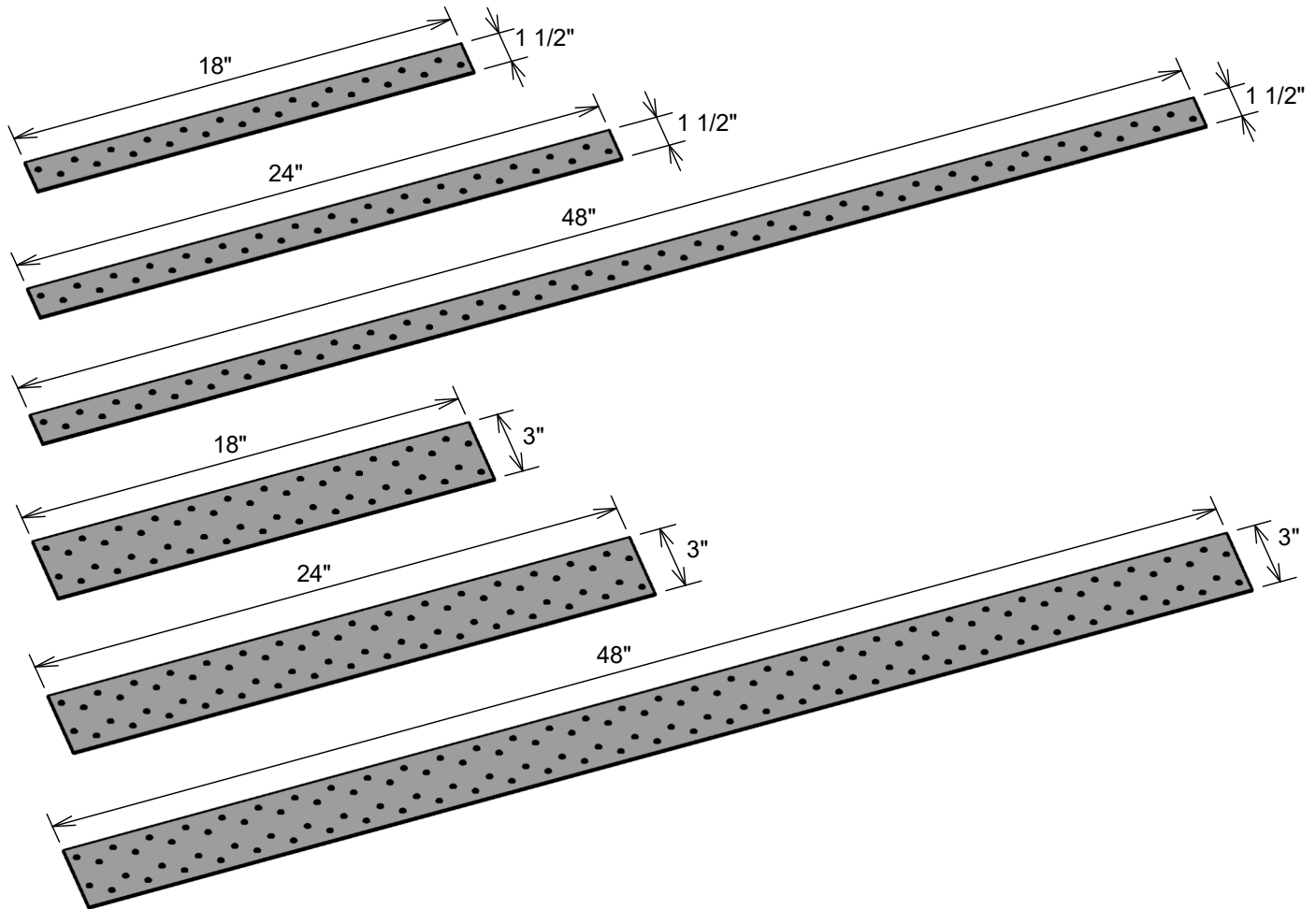
PLUMBING NAIL PLATES



- 16 gauge construction
- Available in 18", 24", and 48" lengths
- Available in 1-1/2" or 3" widths



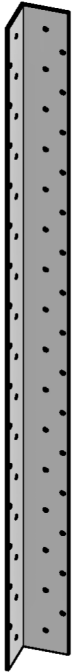
HVAC NAIL PLATES



- 16 gauge construction
- Available in 18", 24", and 48" lengths
- Available in 1-1/2" or 3" widths

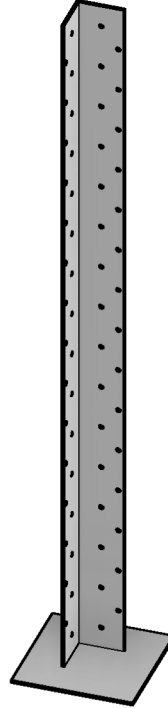


PERFORATED ANGLE / PERFORATED LEG / UTILITY BRACKET



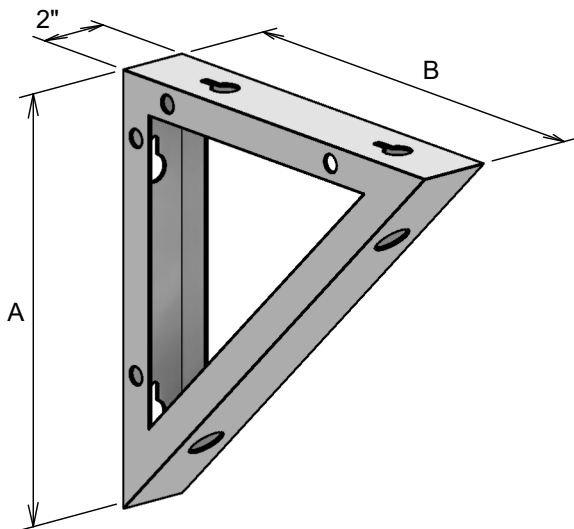
PERFORATED ANGLE

- 16ga Construction
- 1-1/2" x 1-1/2"
- Available in 2', 4', 5' and 10' Lengths



PERFORATED LEG

- 16ga Construction
- 1-1/2" x 1-1/2"
- 4" x 4" base plate
- Available in 4' and 5' Lengths

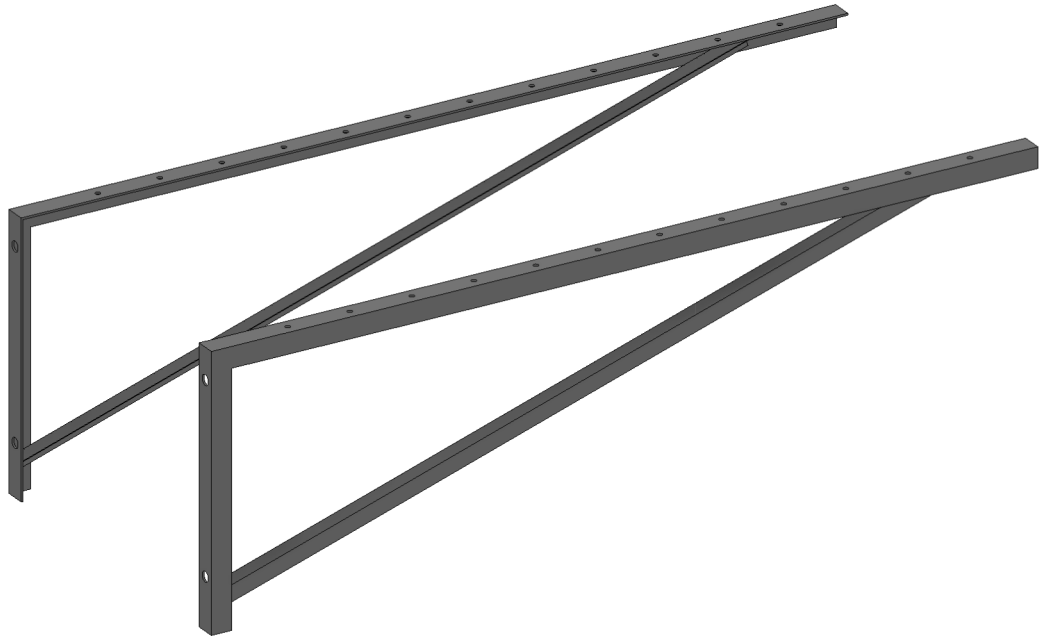


UTILITY BRACKET

Dimension A	Dimension B	Gauge
12"	12"	24ga
14"	14"	24ga
16"	16"	22ga
18"	18"	22ga
20"	20"	20ga
24"	24"	18ga

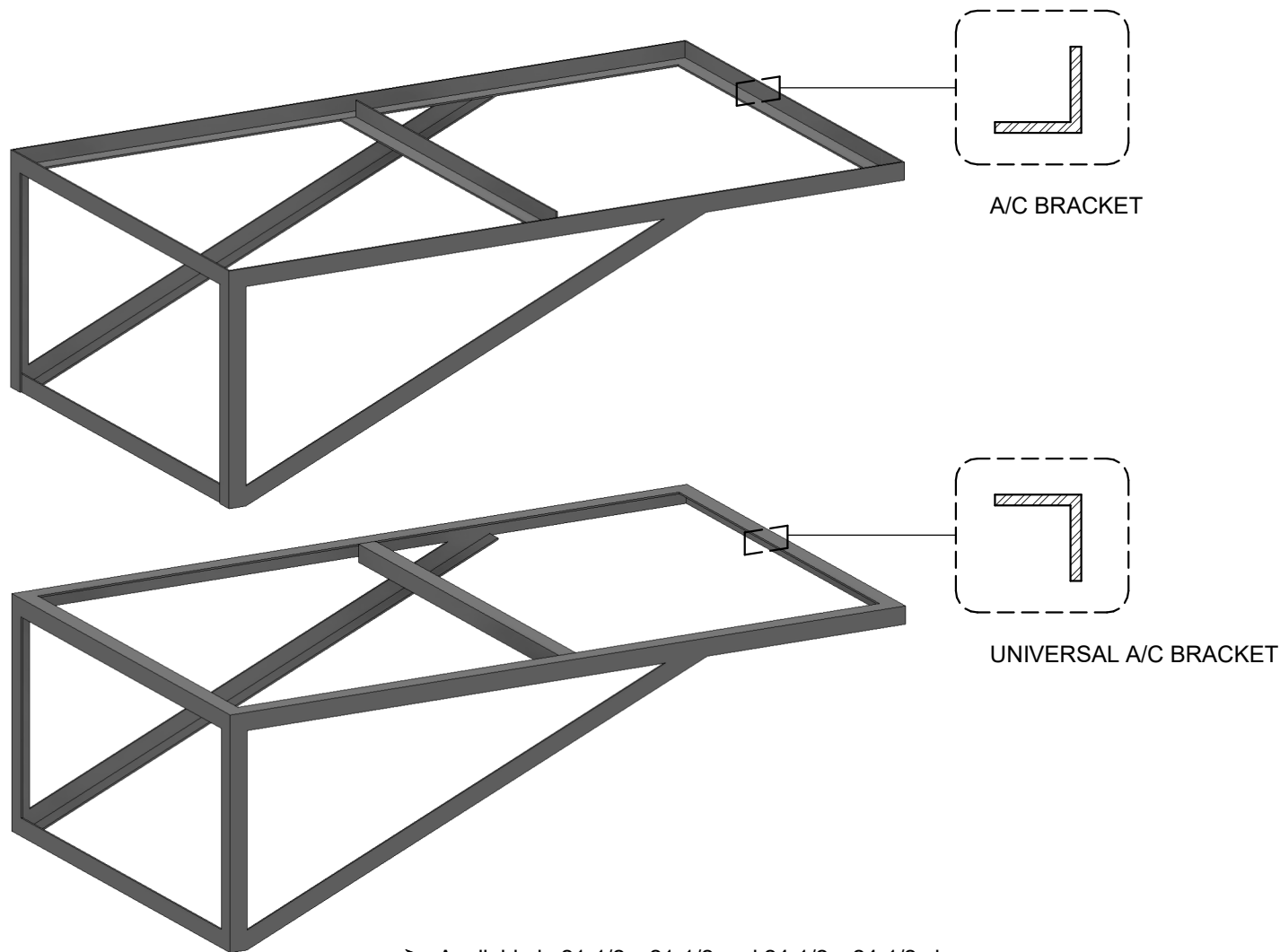


A/C BRACKET 2 PIECE



- Heavy duty steel brackets
- Mount at any height to allow for easy maintenance under units
- No need to wait for finished grade or landscaping prior to installation of A/C unit
- Pre-punched holes for easy installation
- Available in 36", 42", and 48" lengths

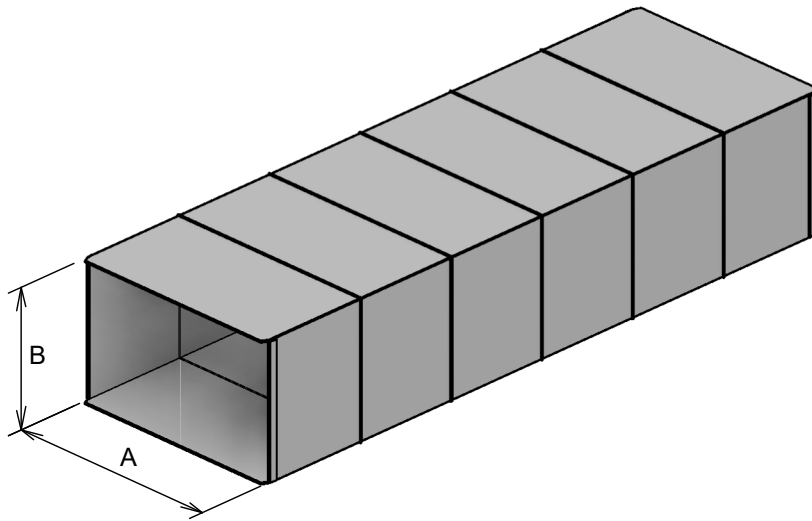
A/C BRACKET & UNIVERSAL A/C BRACKET



- Available in 21-1/2 x 21-1/2 and 24-1/2 x 24-1/2 sizes
- Wall mount (fasteners not included)
- Powder coated
- Mount at any height to allow for easy maintenance under units
- No need to wait for finished grade or landscaping prior to installation of A/C unit



COMMERCIAL DUCT



- Built to SMACNA standards
- Slip & Drive connection standard
- Snap lock seam standard, Pittsburgh lock available also
- Available in 4' or 5' lengths
- Commercial duct sizes are design/build

TDC DUCT & FITTINGS



DUCT



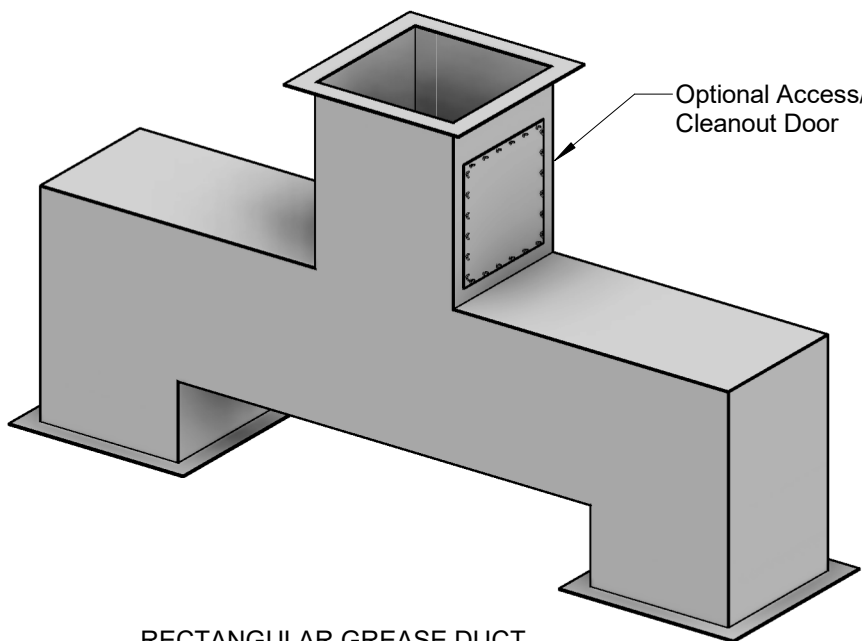
FITTINGS



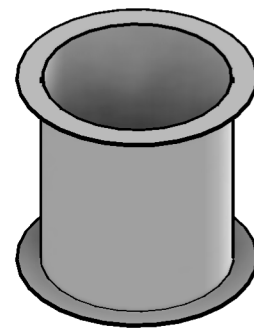
Utilizing Duro Dyne's EZ Connector System

- Bolt together duct and fittings
- Built to SMACNA standards
- Custom sizes and fittings available
- TDC flange & components reduce installation time & costs

GREASE DUCTS



RECTANGULAR GREASE DUCT



ROUND GREASE DUCT

- 16 ga black iron (galvanized available)
- All-welded construction
- Custom sizes and designs available
- Welded in access doors available
- Light tested
- Air or water testing available upon request
- Customer supplied drawings requested

Access/ Cleanout Door

- Meets SMANCA standards
- Sold individually or welded on grease duct

Size	Opening Size
9 x 15	6 x 12
15 x 15	12 x 12
21 x 15	12 x 18
18 x 18	15 x 15

SPIRAL PIPE & GASKETED FITTINGS



Spiral Pipe

- Meets SMACNA standards
- 4"-18" 26 gauge
- 20"-26" 24 gauge
- 28"-36" 22 gauge
- Standard 10' lengths
(custom lengths available)



Gasketed Fittings

- 1 Piece Spun Reducers
- Pipe Couplings
- EZ Taps (with or without damper)
- 90 Degree Saddle Taps (with damper)
- End Caps
- Other fittings also available

SPIRAL PIPE & FITTINGS



Spiral Pipe

- Meets SMACNA standards
- 4"-18" 26 gauge
- 20"-26" 24 gauge
- 28"-36" 22 gauge
- Standard 10' lengths
(custom lengths available)

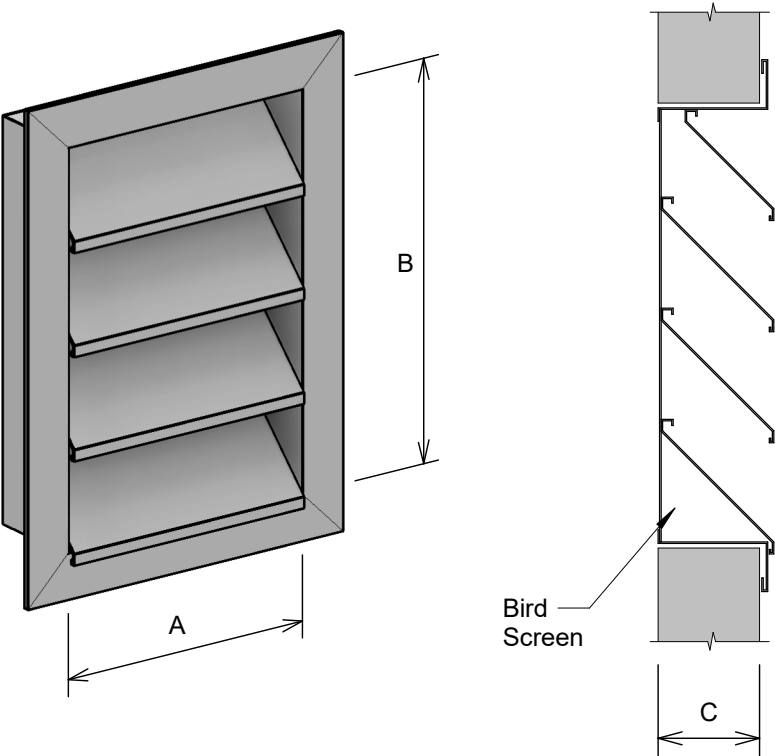


Fittings

- End Caps
- Reducers
- Connectors
- Swedge Saddles
- Register Heads (inside or outside tap)
- Elbows (single or double crimp)
- EZ-Tap Collars (conical and straight;
with or without damper)
- And more



LOUVER



- Standard 4" depth (dimension C)
- Standard 2" flange
- Custom sizes and designs available
- Available in colors

QTY	DIM A	DIM B	DIM C



CUSTOM FITTINGS

ELEVATION SYMBOLS

TU = TOP UP
TD = TOP DOWN
TF = TOP FLAT
C = CENTERLINE

BU = BOT UP
BD = BOT DOWN
BF = BOT FLAT



SLOPE IN
DIRECTION
OF ARROW

