

American HVAC
Manufacturing, Inc.



PRODUCT CATALOG



Table of Contents



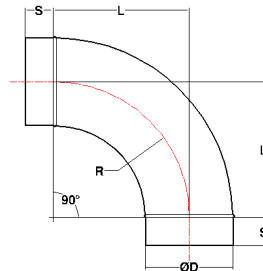
- 1 Long Radius Flangless Elbows
- 2 Short Radius Flangless Elbows
- 3 Flanged Elbows
- 4 End Caps
- 5 Reducers
- 6 Take-Offs: Bellmouths & Long Bellmouths
- 7 Take-Offs: Start Collar & Long Start Collar
- 8 Take-Offs: Saddle Tap
- 9 Take-Offs: Conical Tap & Conical Taper Tap
- 10 Rite Flanges
11. Damper Blades & Damper Clips



DESCRIPTION:

- Two-piece elbows available in either Long or Short Radius, and completely stitch-welded from end to end.
- Exceed SMACNA's high velocity, medium pressure requirements (-2 inch WG to +10 inch WG).
- Conform to ASTM A653/A924 standards.
- Stock elbows are made from G60 (or higher Zinc content) galvanized steel sheets.
- Stainless steel available upon request in select sizes.

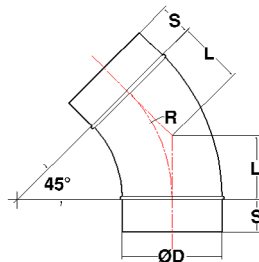
Long Radius 90 Degree Elbow



D: NOMINAL DIAMETER
R: CENTERLINE RADIUS=1.5D

Size (inch)	GAUGE	R (inch)	S (inch)	L (inch)	WEIGHT (lbs)	BOX QTY (48x40x36h)
14	22	21	2 1/2	21	13.75	7
12	22	18	2 1/2	18	10.75	10
10	22	15	2 1/2	15	8.00	18
9	22	13 1/2	2	13 1/2	6.75	25
8	24	12	2	12	5.00	35
7	24	10 1/2	2	10 1/2	3.30	50
6	24	9	2	9	2.65	80
5	24	7 1/2	2	7 1/2	2.15	Per Order
4	24	6	2	6	1.40	250
3	24	4 1/2	2	4 1/2	0.85	Per Order

Long Radius 45 Degree Elbow



D: NOMINAL DIAMETER
R: CENTERLINE RADIUS=1.5D

Size (inch)	GAUGE	R (inch)	S (inch)	L (inch)	WEIGHT (lbs)	BOX QTY (48x40x36h)
14	22	21	2 1/2	8	8.25	12
12	22	18	2 1/2	8	6.40	20
10	22	15	2 1/2	6 3/4	4.70	32
9	22	13 1/2	2	6 1/8	3.80	45
8	24	12	2	5 1/2	2.40	65
7	24	10 1/2	2	4 7/8	2.00	105
6	24	9	2	4 1/4	1.65	150
5	24	7 1/2	2	3 5/8	1.20	Per Order
4	24	6	2	3	0.85	Per Order
3	24	4 1/2	2	2 3/8	0.55	Per Order

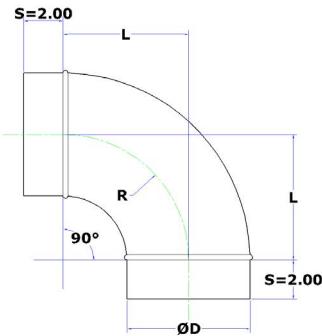


Flangeless Elbows

DESCRIPTION:

- Two-piece elbows available in either Long or Short Radius, and completely stitch-welded from end to end.
- Exceed SMACNA's high velocity, medium pressure requirements (-2 inch WG to +10 inch WG).
- Conform to ASTM A653/A924 standards.
- Stock elbows are made from G60 (or higher Zinc content) galvanized steel sheets.
- Stainless steel available upon request in select sizes.

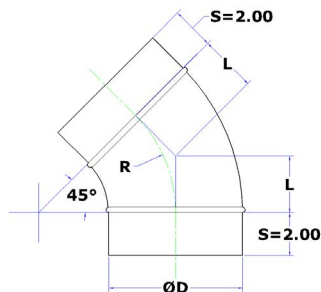
Short Radius 90 Degree Elbow



D: NOMINAL DIAMETER
R: CENTERLINE RADIUS = 1.0 * D

Size (inch)	GAUGE	R (inch)	S (inch)	L (inch)	WEIGHT (lbs)
12	22	12	2	12	7.55
10	22	10	2	10	5.65
9	22	9	2	9	4.75
8	22	8	2	8	3.50
7	24	7	2	7	3.00
6	24	6	2	6	1.90
5	24	5	2	5	1.30
4	24	4	2	4	0.90

Short Radius 45 Degree Elbow



D: NOMINAL DIAMETER
R: CENTERLINE RADIUS = 1.0 * D

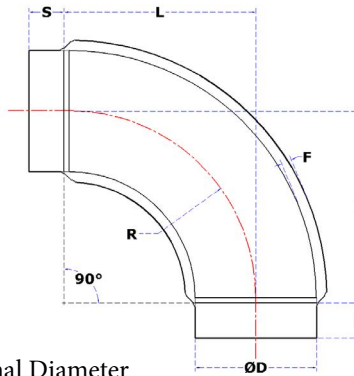
Size (inch)	GAUGE	R (inch)	S (inch)	L (inch)	WEIGHT (lbs)
12	22	12	2	5 1/4	4.50
10	22	10	2	4 3/8	3.30
9	22	9	2	4	2.65
8	22	8	2	3 1/2	2.00
7	24	7	2	3 1/8	1.45
6	24	6	2	2 3/4	1.15
5	24	5	2	2 3/8	1.00
4	24	4	2	1 7/8	0.75



DESCRIPTION:

- Two-piece elbows available only in Long Radius with a flange around the throat and heel of each half.
- Flanges make these elbows incredibly simple to assemble, even in the field, without the need for any special equipment. Flanges also allow these elbows to be shipped as halves, which translates to savings in shipping and warehousing costs.
- Stock elbows are made of 20 gauge galvanized steel or 20 gauge stainless steel.
- Galvanealed, PVC-coated, aluminum, 18 gauge galvanized, 16 gauge galvanized, 18 gauge stainless, and 16 gauge stainless steel are all available upon request.

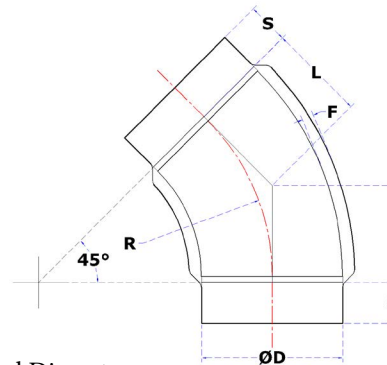
90 Degree Flanged Elbow



D: Nominal Diameter
R: Centerline Radius = $1.5 \times D$

Size (inch)	GAUGE	R (inch)	S (inch)	L (inch)	WEIGHT (lbs)
14	22	21	2	21 1/2	15.75
12	22	18	2	18 1/2	13.45
10	22	15	2	15 1/2	9.80
9	22	13 1/2	1 1/2	14	7.85
8	24	12	1 1/2	12 1/2	6.25
7	24	10 1/2	1 1/2	11	4.70
6	24	9	1 1/2	9 1/2	3.60
5	24	7 1/2	1 1/2	8	2.40
4	24	6	1 1/2	6 1/2	1.85
3	24	4 1/2	1 1/2	5	1.00

45 Degree Flanged Elbow



D: Nominal Diameter
R: Centerline Radius = $1.5 \times D$

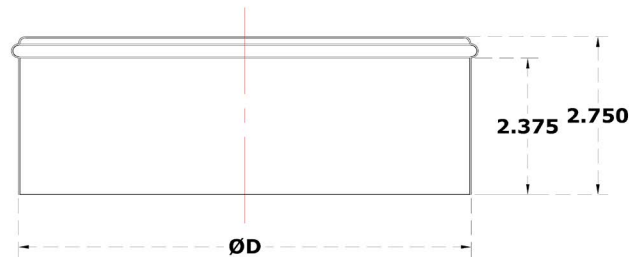
Size (inch)	GAUGE	R (inch)	S (inch)	L (inch)	WEIGHT (lbs)
14	20	21	2	9 1/4	9.25
12	20	18	2	8	8.00
10	20	15	2	6 3/4	6.10
9	20	13 1/2	1 1/2	6 1/8	4.85
8	20	12	1 1/2	5 1/2	3.40
7	20	10 1/2	1 1/2	4 7/8	2.80
6	20	9	1 1/2	4 1/4	2.15
5	20	7 1/2	1 1/2	3 5/8	1.55
4	20	6	1 1/2	3	1.10
3	20	4 1/2	1 1/2	2 3/8	0.70



End Caps

DESCRIPTION:

- One piece, precision-built, high quality die-stamped.
- Long collars to facilitate attaching gaskets for self-sealing applications.
- Conform to ASTM A653/A924 standards.
- Made from G60 (or higher Zinc content) galvanized steel sheets.



D=NOMINAL DIAMETER

Size (inch)	GAUGE	WEIGHT (lbs)
16	22	2.30
14	22	2.00
12	22	1.70
10	22	1.10
9	24	0.95
8	24	0.80
7	24	0.70
6	24	0.60
5	24	0.50
4	24	0.40
3	24	0.30

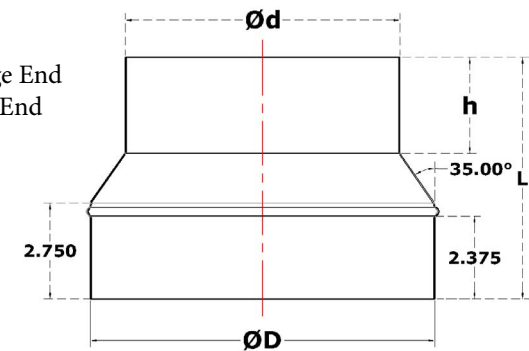


DESCRIPTION:

- One piece, precision-built, high quality, die-stamped.
- Long collars to facilitate attaching gaskets for self-sealing applications.
- Conform to ASTM A653/A924 standards.
- Made from G60 (or higher Zinc content) galvanized steel sheets.



D: Nominal Diameter Large End
d: Nominal Diameter Small End



Size (Dxd)	GAUGE	h (inch)	L (inch)	WEIGHT (lbs)
16x14	20	2 3/4	7	2.75
16x12	20	2 3/4 2 3/4	8 1/2	3.10
14x12	20	2 3/4	7	2.45
14x10	20	2 3/4	8 1/2	2.80
12x10	22	2 3/4	7	1.95
12x9	22	2 3/4	7 3/4	2.10
12x8	22	2 3/4	8 1/2	2.20
10x9	22	2 3/4	6 1/4	1.40
10x8	22	2 3/4	7	1.60
10x7	22	2 3/4 2 3/4	7 3/4	1.60
10x6	22	2 3/4	8 1/2	1.70
9x8	22	2 3/4	6 1/4	1.25
9x7	22	2 3/4	7	1.30
9x6	22	2 3/4	7 3/4	1.40

Size (Dxd)	GAUGE	h (inch)	L (inch)	WEIGHT (lbs)
9x5	22	2	7	1.20
8x7	22	2 3/4	6 1/4	1.20
8x6	22	2 3/4	7	1.20
8x5	22	2	7	1.20
8x4	22	2	7	1.15
7x6	24	2 3/4	6 1/4	0.90
7x5	24	2	6 1/4	0.80
7x4	24	2	6 3/4	0.90
6x5	24	2	5 1/2	0.65
6x4	24	2	6	0.70
6x3	24	1 3/4	6 1/4	0.70
5x4	24	2	5 1/2	0.60
5x3	24	1 3/4	6	0.50
4x3	24	1 3/4	4 3/4	0.40



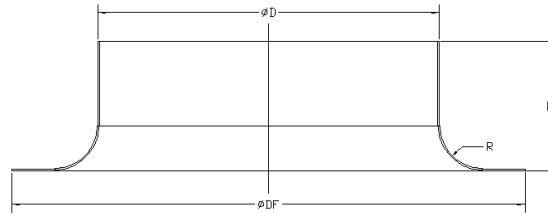
Take-Offs: Bellmouth & Long Bellmouth

6

DESCRIPTION:

- One piece, precision-built, high quality, die-stamped.
- Long collars to facilitate attaching gaskets for self-sealing applications.
- Conform to ASTM A653/A924 standards.
- Made from G60 (or higher Zinc content) galvanized steel sheets.

Bellmouth



Size (inch)	GAUGE	R (inch)	H (inch)	DF (inch)	WEIGHT (lbs)
16	22	1	3 1/2	20	2.40
14	22	1	3 1/2	18	2.10
12	22	1	3 1/2	16	1.75
10	22	1	3 1/2	14	1.40
9	22	1	3	13	1.20
8	22	1	3	12	1.10
7	24	1	3	11	0.80
6	24	1	3	10	0.70
5	24	1	2 1/2	9	0.60
4	24	1	2 1/2	8	0.50
3	24	1	2	7	0.40

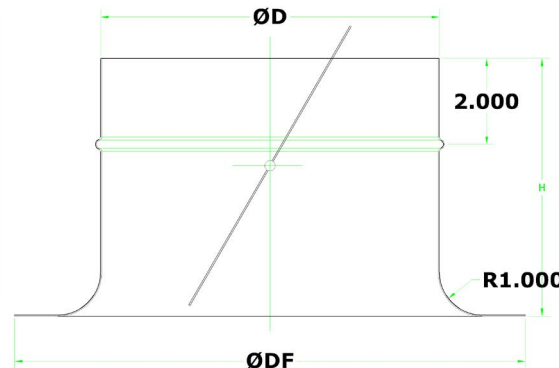
Long Bellmouth



With Damper



Without Damper



Size (inch)	GAUGE	R (inch)	H (inch)	DF (inch)	WEIGHT* (lbs)
16	20	1	6	20	4.30
14	20	1	6	18	3/75
12	22	1	6	16	2.75
10	22	1	6	14	1.95
9	22	1	5	13	1.80
8	22	1	5	12	1.45
7	24	1	4 3/4	11	1.25
6	24	1	4 1/4	10	1.1-

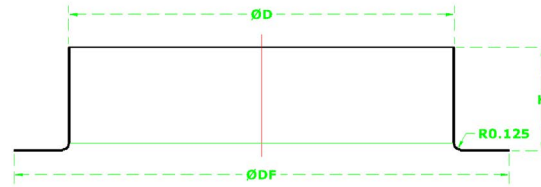
*weight with damper



DESCRIPTION:

- One piece, precision-built, high quality, die-stamped.
- Long collars to facilitate attaching gaskets for self-sealing applications.
- Conform to ASTM A653/A924 standards.
- Made from G60 (or higher Zinc content) galvanized steel sheets.

Start Collar



Size (inch)	GAUGE	H (inch)	DF (inch)	WEIGHT (lbs)
12	22	2 1/2	14 1/4	1.35
10	22	2 1/2	12 1/4	0.85
9	24	2 1/4	11 1/4	0.80
8	24	2 1/4	10 1/4	0.70
7	24	2 1/4	9 1/4	0.60
6	24	2 1/4	8 1/4	0.55
5	24	2 1/4	7 1/4	0.45
4	24	2 1/4	6 1/4	0.40
3	24	2	5 1/4	0.30

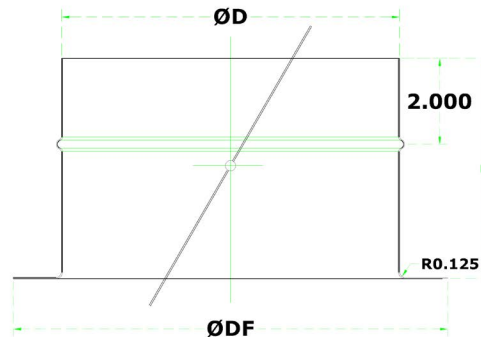
Long Start Collar



With Damper



Without Damper



Size (inch)	GAUGE	H (inch)	DF (inch)	WEIGHT* (lbs)
16	20	5 1/4	18 1/4	3.35
14	20	5 1/4	16 1/4	2.90
12	22	5 1/4	14 1/4	2.15
10	22	5 1/4	12 1/4	1.70
9	22	4 3/4	11 1/4	1.40
8	22	4 3/4	10 1/4	1.15
7	24	4 1/4	9 1/4	0.95
6	24	4 1/4	8 1/4	0.85

*weight with damper



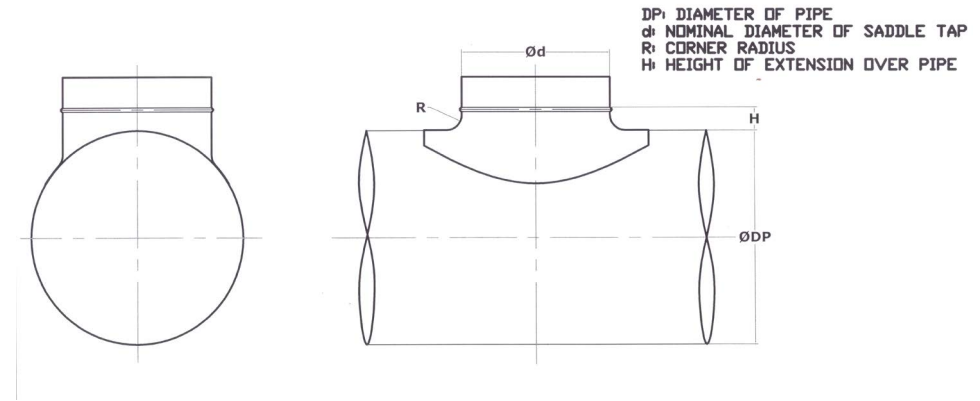
Take-Offs: Saddle Tap

8

DESCRIPTION:

- One piece, precision-built, high quality, die-stamped.
- Long collars to facilitate attaching gaskets for self-sealing applications.
- Conform to ASTM A653/A924 standards.
- Made from G60 (or higher Zinc content) galvanized steel sheets.

Saddle Tap



Saddle Size (D on DP)	GAUGE	D (inch)	DP (inch)	R (inch)	WEIGHT (lbs)
12" / 12"	22	12	12	1	2.40
12" / 14"	22	12	14	1	2.40
12" / 16"	22	12	16	1	2.30
12" / 18"	22	12	18	1	2.20
12" / 20"	22	12	20 / 22	1	2.20
12" / 24"	22	12	24 / 26	1	2.20
10" / 10"	22	12	10	1	2.00
10" / 12"	22	10	12	1	1.90
10" / 14"	22	10	14	1	1.90
10" / 16"	22	10	16	1	1.80
10" / 18"	22	10	18	1	1.80
10" / 20"	22	10	20 / 22	1	1.70
10" / 24"	22	10	24 / 26	1	1.70
8" / 8"	22	8	8	1	1.40
8" / 10"	22	8	10	1	1.40
8" / 12"	22	8	12	1	1.30
8" / 14"	22	8	14	1	1.30

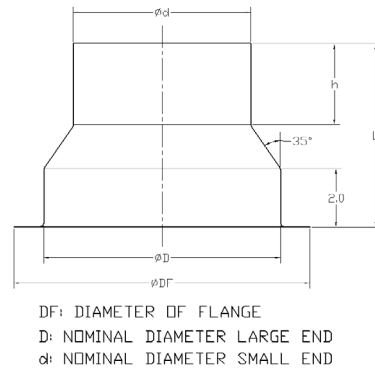
Saddle Size (D on DP)	GAUGE	D (inch)	DP (inch)	R (inch)	WEIGHT (lbs)
8" / 16"	22	8	16	1	1.20
8" / 18"	22	8	18	1	1.20
8" / 20"	22	8	20 / 22	1	1.10
8" / 24"	22	8	24 / 26	1	1.10
6" / 6"	22	6	6	3/4	1.00
6" / 8"	22	6	8	3/4	1.00
6" / 10"	22	6	10	3/4	0.90
6" / 12"	22	6	12	3/4	0.90
6" / 14"	22	6	14	3/4	0.80
6" / 16"	22	6	16	3/4	0.80
6" / 18"	22	6	18 / 20	3/4	0.80
4" / 4"	22	4	4	3/4	0.60
4" / 6"	22	4	6	3/4	0.60
4" / 8"	22	4	8	3/4	0.60
4" / 10"	22	4	10	3/4	0.60
4" / 12"	22	4	12 / 14	3/4	0.60



DESCRIPTION:

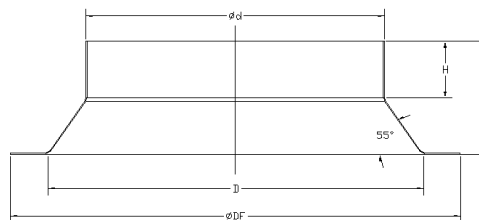
- One piece, precision-built, high quality, die-stamped.
- Long collars to facilitate attaching gaskets for self-sealing applications.
- Conform to ASTM A653/A924 standards.
- Made from G60 (or higher Zinc content) galvanized steel sheets.

Conical Tap

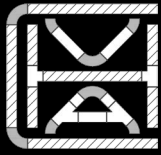


TAP SIZE: d (inch)	GAUGE	D (inch)	DF (inch)	h (inch)	L (inc 3 1/2h)	WEIGHT (lbs)
10	22	12	14	2 3/4	6 1/4	2.15
9	22	12	14	2 3/4	6 1/4	1.90
8	22	10	12	2 3/4	6 1/4	1.70
7	22	9	11	2 3/4	6 1/4	1.40
6	24	8	10	2 3/4	6 1/4	1.10
5	24	7	9	2	5 1/2	0.95
4	24	6	8	2	5 1/2	0.80
3	24	5	7	2	5 1/2	0.70

Conical Taper Tap



TAP SIZE: d (inch)	GAUGE	D (inch)	DF (inch)	h (inch)	WEIGHT (lbs)
16	20	18	20	2	2.35
14	20	16	18	2	2.05
12	20	14	16	2	1.75
10	22	12	14	2	1.10
8	22	10	12	2	0.90
6	24	8	10	2	0.70
4	24	6	8	1 1/2	0.50



Rite Flanges

10

DESCRIPTION:

- Round or oval duct connector designed to achieve the most economical way of connecting pipes to pipes and pipes to fittings in a spiral duct system.
- Suitable for use on all systems ranging an internal pressure of -6 inch WG to +10 Inch WG.
- Made from G60 (or higher Zinc content) galvanized steel sheets.
- Aluminum, stainless steel, paint-grip, and PVC-coated steel are all available upon request.

**Rite Flange
1" Double Wall**



**Rite Flange
2" Double Wall**



**Rite Flange
Outer Wall**



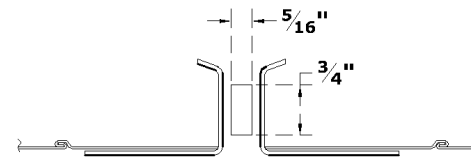
**Rite Flange
Inner Ring Open End**



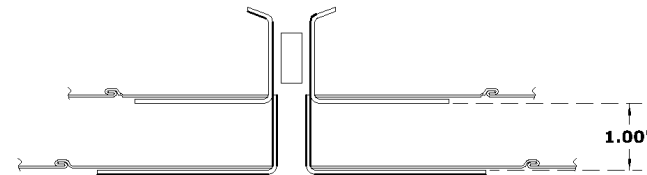
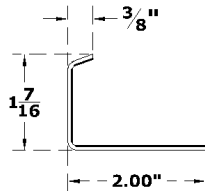
**Rite Flange
Inner Ring Closed End**



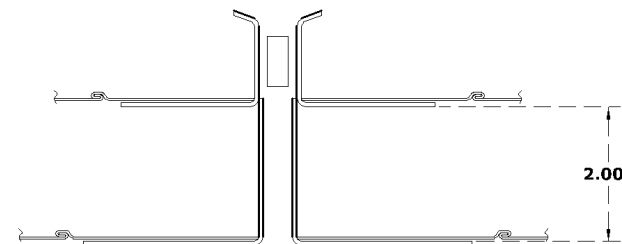
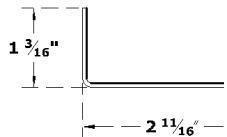
**Rite Flange
Oval**



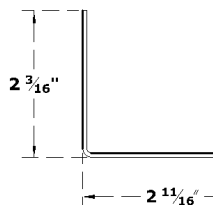
SINGLE WALL

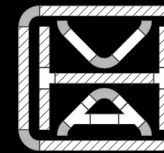


1.00" DOUBLE WALL



2.00" DOUBLE WALL





- All sizes made of 24 gauge galvanized steel sheet.
- Stamped strengthening pattern for maximum rigidity.
- Both ends spring loaded bearings for quick and easy installation.
- 3/8" Damper Clip available for continuous rod dampers.
- Damper Clip available in galvanized and stainless steel.

Damper Blades



12" Size

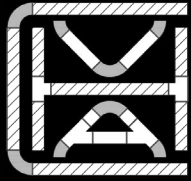


6" Size

SIZE:	WEIGHT (lbs)
16	1.47
14	1.16
12	0.88
10	0.68
9	0.58
8	0.50
7	0.42
6	0.35
5	0.30
4	0.20

Damper Clips





Contact Us

American HVAC Manufacturing, Inc.

Mailing Address

2070 E Slauson Ave.

Huntington Park, CA 90255

Shipping & Receiving Address

2071 Laura Ave.

Huntington Park, CA 90255

Phone Numbers

US Toll Free: 888-AME-HVAC

International: 323-581-5600

Fax:

323-581-5615

Email

info@americanhvacmfg.com

