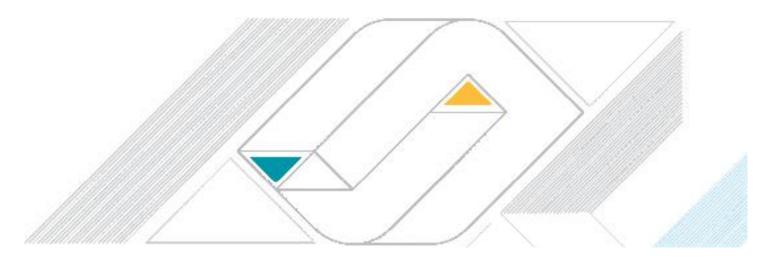


TAILORED SOLUTIONS IN STOCK



SINGLE WALL SPIRAL PIPE & FITTINGS



Welcome to United Duct Supply

WHO WE ARE: United Duct Supply is a leading supplier of commercial and industrial HVAC sheet metal products in the midwest.

Driven by our passion to serve the sheet metal industry, we saw a need to open a distribution center that is designed for high volume and fast service. A place where the flow of material handling is optimized, and inventory selections are maximized.

At United Duct Supply, we are specialized in spiral pipe/oval pipe (single and double wall), snap-lock pipe, rectangular duct, custom built complex fabrication, sound lining, grease duct, curbs, equipment rails and double wall thermal ductwork.

We are a family business locally owned and operated. United Duct Supply is the representative of the top HVAC manufacturers and fabricators in the USA.













We separate ourselves from the industry by having all the products you need from 3" to 24" spiral pipe and fittings including all accessories and hardware in stock. Orders can be shipped or picked up on short notice.

EXPERTISE: We have the most skilled workforce in the industry. Our professionally trained and dedicated sales team will be happy to give you a prompt and accurate quotation on any size order within hours.

WE OFFER DIRECT DISTRIBUTION: Our fleets of trucks, along with our reliable scheduling system, assures you of on-time delivery and service across the Midwest.

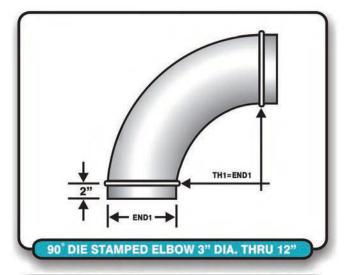


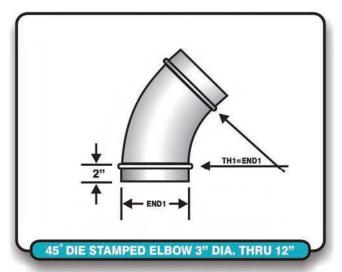
Catalog Index

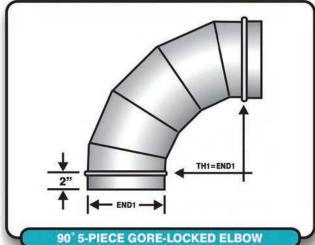
- 1) Single Wall Round ELBOWS
- 2 Single Wall Round ELBOWS
- 3 Single Wall Round STRAIGHT TEES
- 4 Single Wall Round CONICAL TEES
- 5 Single Wall Round SHOE TEES
- 6 Single Wall Round STRAIGHT LATERALS
- 7 Single Wall Round CONICAL LATERALS
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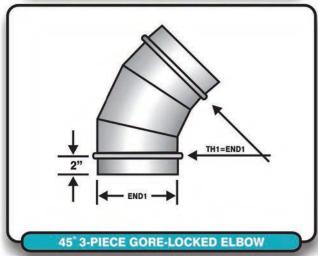


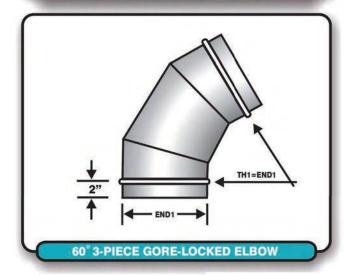
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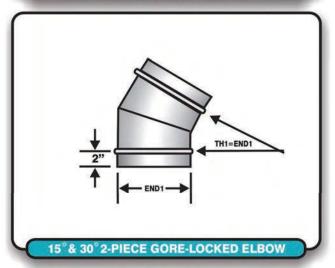




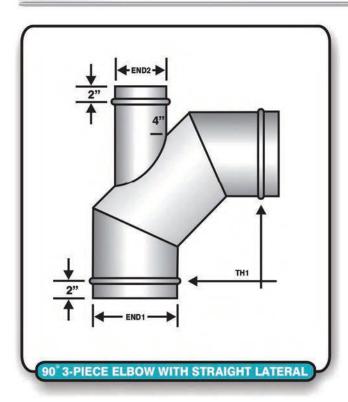


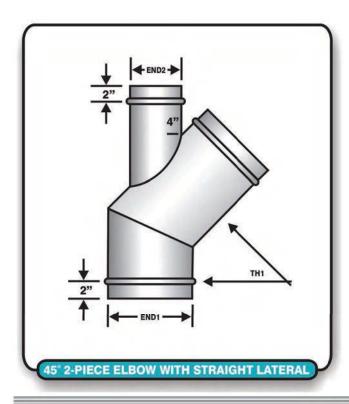


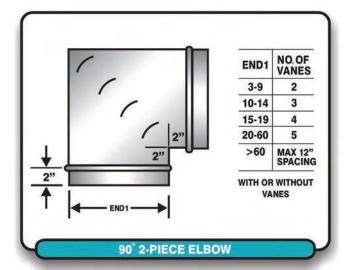


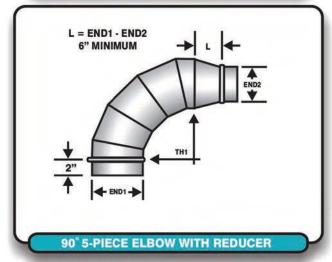


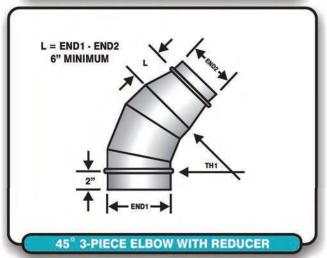
Single Wall Round **ELBOWS**



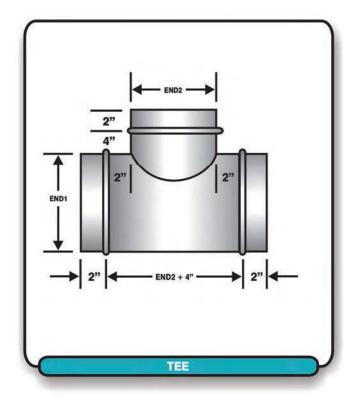


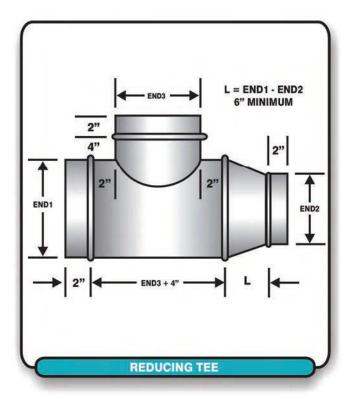


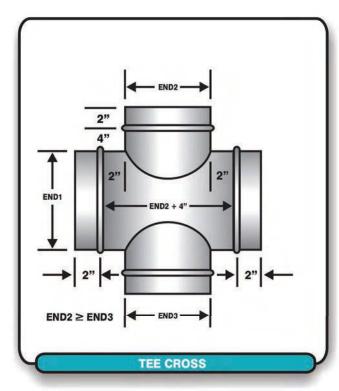


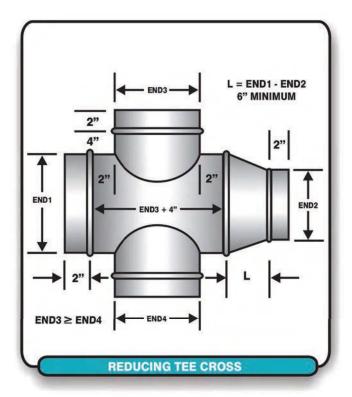


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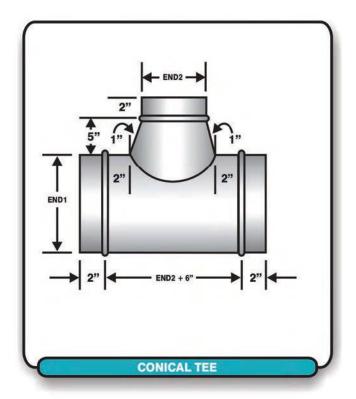


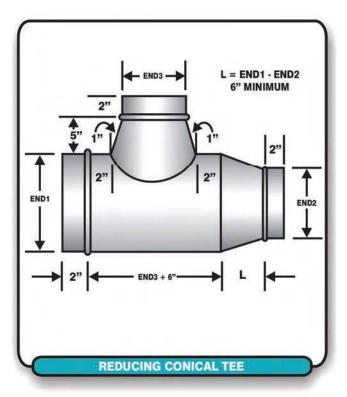


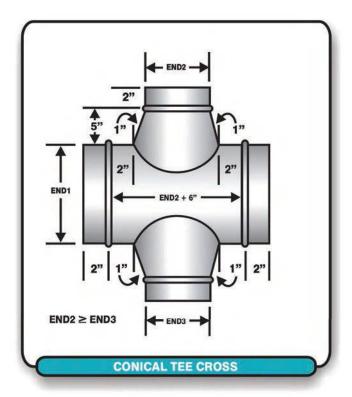


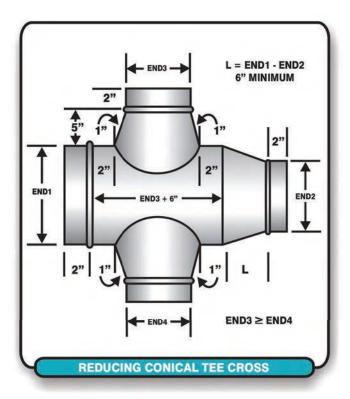


Single Wall Round CONICAL TEES

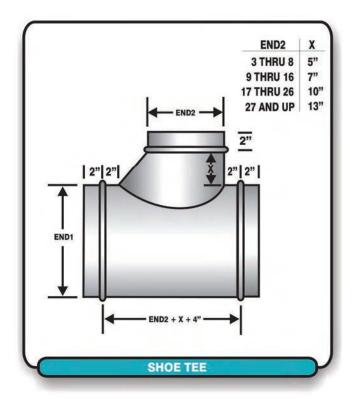


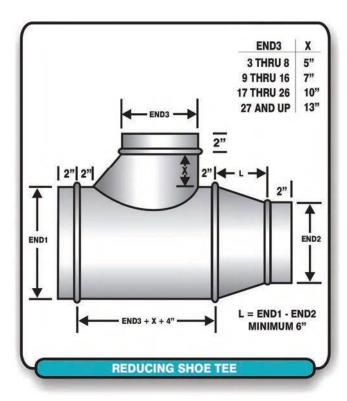


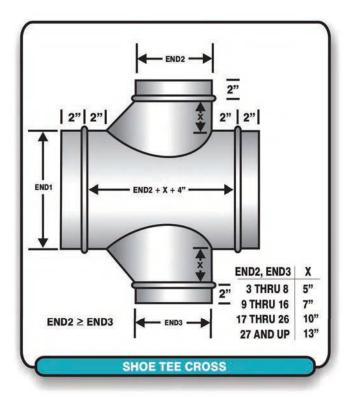


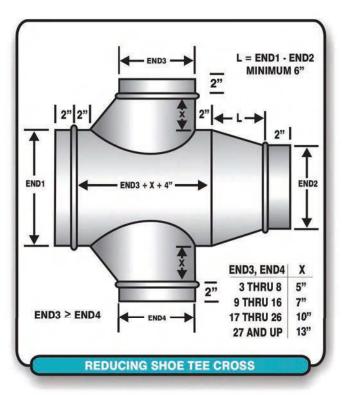


Single Wall Round SHOE TEES

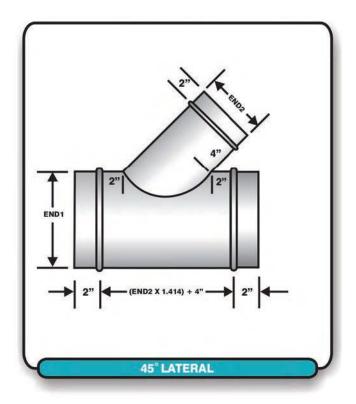


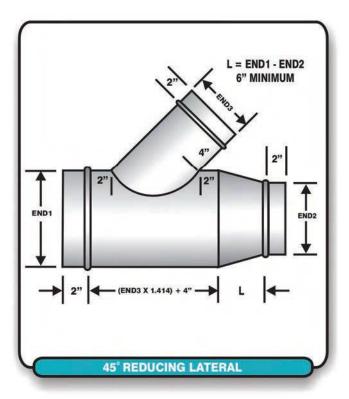


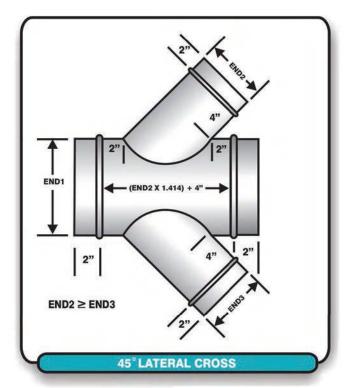


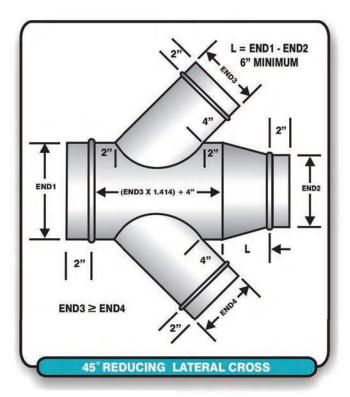


Single Wall Round STRAIGHT LATERALS

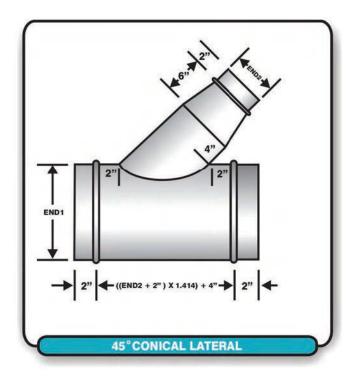


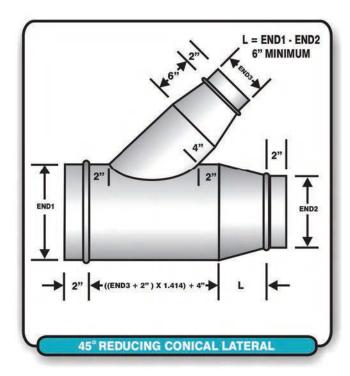


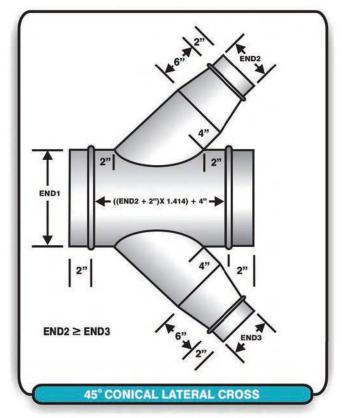


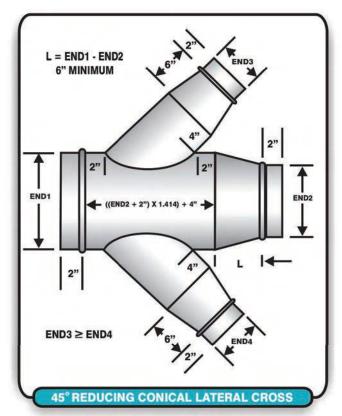


Single Wall Round CONICAL LATERALS



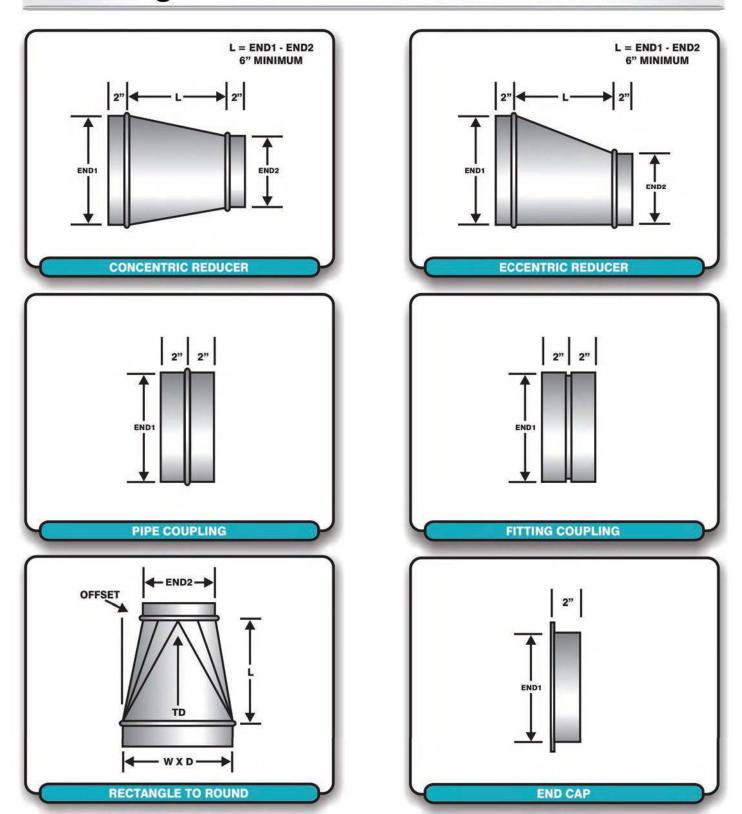






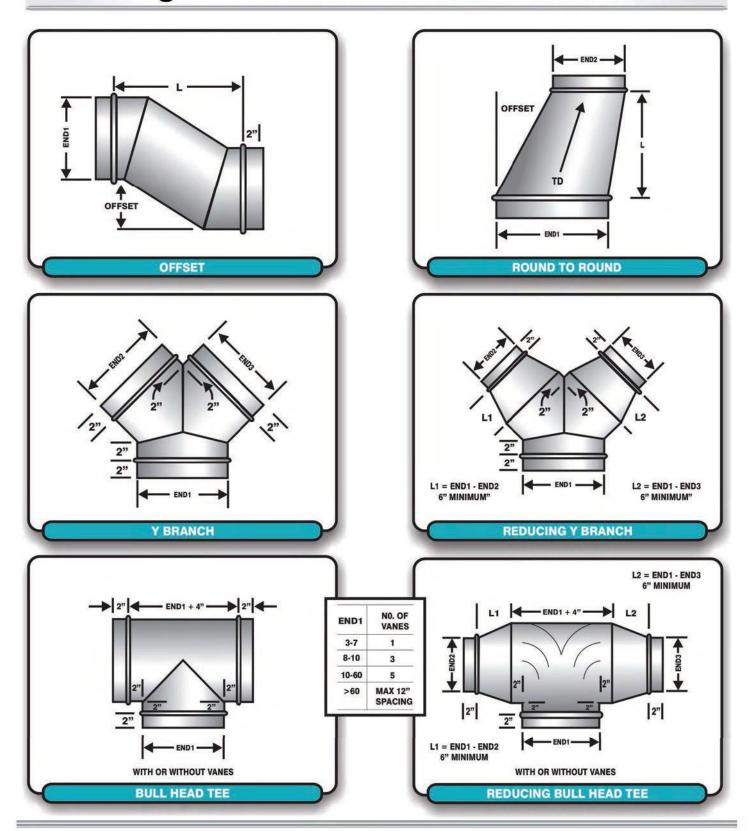


Single Wall Round MISCELLANEOUS



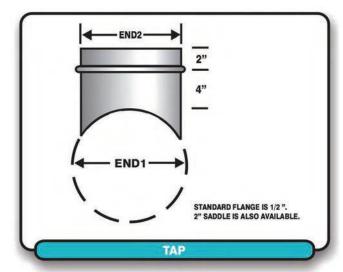


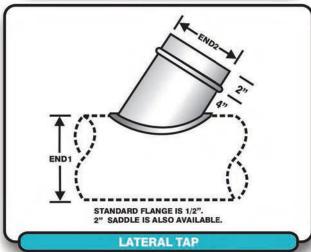
Single Wall Round MISCELLANEOUS

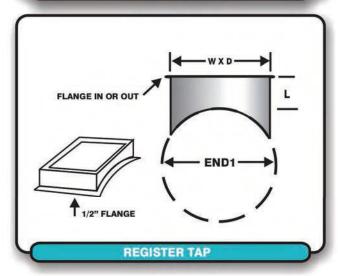


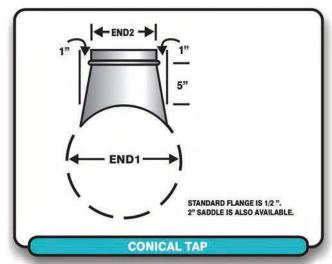


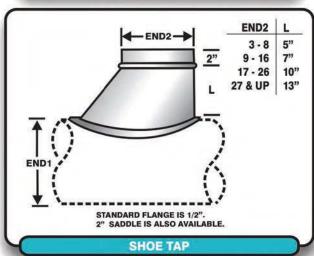
Shop or Field Installed ACCESSORIES

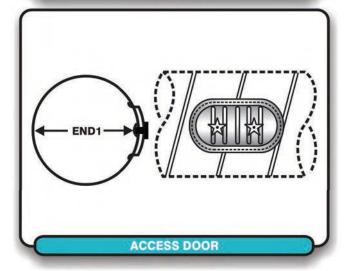








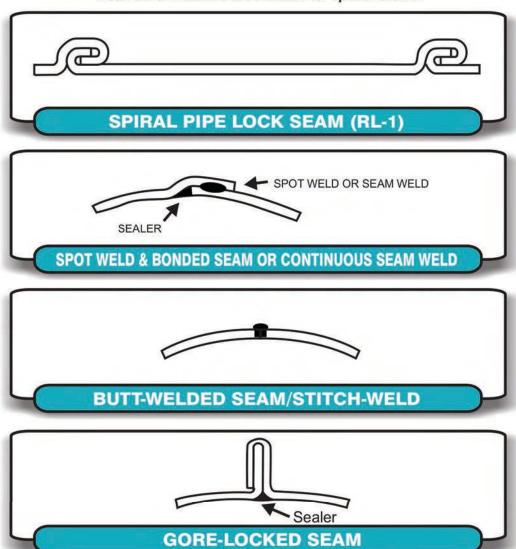




Round Duct SEAMS

Material	Gauges
Galvanized	26-18
Stainless Steel	26-20
Aluminum	0.025-0.063
Paint Grip	26-18
Poly Vinyl Coated	26-18
Perforated	22

Note: Other materials are available for special orders.





Round Duct CONSTRUCTION STANDARDS

TABLE 1 - SPIRAL DUCT GALVANIZED SINGLE WALL CONSTRUCTION

Diameter in Inches	10' Spiral Seam Pipe	Fittings
Up to 18"	26 Gauge	26 Gauge
22"	26 Gauge	24 Gauge
40"	24 Gauge	22 Gauge
60"	22 Gauge	22 Gauge
72"	20 Gauge	20 Gauge

Note: All tables meet and/or exceed SMACNA HVAC Duct Construction Standards Third Edition - 2005.

TABLE 2 - SPIRAL DUCT GALVANIZED SINGLE WALL CONSTRUCTION

Diameter in Inches	10' Spiral Seam Pipe	Fittings
Up to 16"	26 Ga. No Reinforcement	26 Gauge
22"	26 Ga. With Dura Flange	24 Gauge
40"	24 Ga. With Dura Flange	22 Gauge
60"	22 Ga. With Flange 1 1/4" x 1 1/4" x 3/16"	22 Ga. With Flange 1 1/4" x 1 1/4" x 3/16"
72"	20 Ga. With Flange 1 1/4" x 1 1/4" x 3/16"	20 Gauge 1 1/4" x 1 1/4" x 3/16"

Note: The above table meets and/or exceeds SMACNA HVAC Duct construction standards, third editon 2005.

TABLE 3 - SPIRAL DUCT GALVANIZED SINGLE WALL CONSTRUCTION

Spiral Duct Gauges Negative Pressure up to 4" Wg.							
Diameter in Inches	10' Spiral Seam Pipe	Fittings (max. 60" Long)					
Up to 22"	26 Ga. With Dura Flange	26 Ga. With Dura Flange					
40"	24 Ga. With Dura Flange	24 Ga. With Dura Flange					
60"	22 Ga. With Flange 1 1/4" x 1 1/4" x 3/16"	22 Ga. With Flange 1 1/4" x 1 1/4" x 3/16"					
72"	20 Ga. With Flange 1 1/2" x 1 1/2" x 3/16"	20 Ga. With Flange 1 1/2" x 1 1/2" x 3/16"					

Note: The above table meets and/or exceeds SMACNA HVAC Duct construction standards, third editon 2005.

Round Duct CONSTRUCTION STANDARDS

TABLE 4- SPIRAL DUCT GALVANIZED SINGLE WALL CONSTRUCTION

Spiral Duct Gauges Negative Pressure 6" Wg.							
Diameter in Inches	10' Spiral Seam Pipe	5' Spiral Seam Pipe	Fittings (max. 60" L.)				
Up to 22"	26 Ga. With Dura	26 Ga. With Dura	26 Ga. With Dura				
	Flange	Flange	Flange				
30"	24 Ga. With Dura	24 Ga. With Dura	24 Ga. With Dura				
	Flange	Flange	Flange				
36"	24 Ga. With Dura	24 Ga. With Dura	24 Ga. With Dura				
	Flange	Flange	Flange				
48"	22 Ga. With Flange	22 Ga. With Flange	22 Ga. With Flange				
	1 1/4" x 1 1/4" x 3/16"	1 1/4" x 1 1/4" x 3/16"	1 1/4" x 1 1/4" x 3/16"				
60"	20 Ga. With Flange	22 Ga. With Flange	22 Ga. With Flange				
	1 1/4" x 1 1/4" x 3/16"	1 1/4" x 1 1/4" x 3/16"	1 1/4" x 1 1/4" x 3/16"				
66"	20 Ga. With Flange	20 Ga. With Flange	20 Ga. With Flange				
	1 1/2" x 1 1/2" x 1/4"	1 1/4" x 1 1/4" x 3/16"	1 1/4" x 1 1/4" x 3/16"				
72" 20 Ga. With Flange		20 Ga. With Flange	20 Ga. With Flange				
2" x 2" x 3/16"		1 1/2" x 1 1/2" x 3/16"	1 1/2" x 1 1/2" x 3/16"				

Note: The above table meets and/or exceeds SMACNA HVAC Duct construction standards, third editon 2005.

TABLE 5 - SPIRAL DUCT GALVANIZED SINGLE WALL CONSTRUCTION

Spiral Duct Gauges Negative Pressure 10"							
Diameter in Inches	10' Spiral Seam Pipe	5' Spiral Seam Pipe	Fittings (max. 60" Long				
Up to 16"	26 Ga. With Dura	26 Ga. With Dura	26 Ga. With Dura				
	Flange	Flange	Flange				
24"	24 Ga. With Dura	26 Ga. With Dura	26 Ga. With Dura				
	Flange	Flange	Flange				
30"	22 Ga. With Dura	24 Ga. With Dura	24 Ga. With Dura				
	Flange	Flange	Flange				
36"	22 Ga. With Flange	24 Ga. With Dura	24 Ga. With Dura				
	1 1/4" x 1 1/4" x 3/16"	Flange	Flange				
48"	20 Ga. With Flange	22 Ga. With Flange	22 Ga. With Flange				
	1 1/2" x 1 1/2" x 3/16"	1 1/4" x 1 1/4" x 3/16"	1 1/4" x 1 1/4" x 3/16"				
54"	18 Ga. With Flange	22 Ga. With Flange	22 Ga. With Flange				
	1 1/2" x 1 1/2" x 3/16"	1 1/4" x 1 1/4" x 3/16"	1 1/4" x 1 1/4" x 3/16"				
60"	18 Ga. With Flange	20 Ga. With Flange	20 Ga. With Flange				
	2" x 2" x 3/16"	1 1/2" x 1 1/2" x 3/16"	1 1/2" x 1 1/2" x 3/16"				
66"	18 Ga. With Flange	20 Ga. With Flange	20 Ga. With Flange				
	2" x 2" x 3/16"	1 1/2" x 1 1/2" x 3/16"	1 1/2" x 1 1/2" x 3/16"				
72"	18 Ga. With Flange	20 Ga. With Flange	20 Ga. With Flange				
	2" x 2" x 3/16"	1 1/2" x 1 1/2" x 1/4"	1 1/2" x 1 1/2" x 1/4"				

 $Note: The \ above \ table \ meets \ and/or \ exceeds \ SMACNA \ HVAC \ Duct \ construction \ standards, third \ editon \ 2005.$

Round Duct CONSTRUCTION STANDARDS

ALUMINUM ROUND DUCT GAUGE SCHEDULE

D . / D! /	Maximum +2" v	v.g. Static Positive	Maximum -2" w.	g. Static Negative
Duct Diameter in inches	Spiral Gauge Seam	Longitudinal Gauge Seam	Spiral Gauge Seam	Longitudinal Gauge Seam
3"Thru 14"	.032"	.032"	.032"	.040"
15"Thru 26"	.032"	.040"	.040"	.050"
28"Thru 36"	.040"	.050"	.050"	.063"
38"Thru 50"	.050"	.063"	.063"	.063"
52"Thru 60"	.063"	.071"	.063"	.090"

POLYVINYL COATED DUCT GAUGES FOR UNDERGROUND DUCT AND FITTINGS

Duct Diameter in inches	Duct	Fittings
4" Thru 16"	24 Gauge	24 Gauge
18" Thru 24"	22 Gauge	22 Gauge
26" Thru 32"	20 Gauge	20 Gauge
34" Thru 72"	18 Gauge	18 Gauge

^{*}All our PVC Duct and fittings materials are 4 x 4 mill finish.

POLYVINYL COATED DUCT GAUGES FOR ABOVE GROUND DUCT AND FITTINGS

Duct Diameter in inches	Duct	Fittings
4" Thru 26"	24 Gauge	24 Gauge
28" Thru 60"	22 Gauge	22 Gauge
62" Thru 72"	20 Gauge	20 Gauge

^{*}Gauges equal or exceed SMACNA standards



^{*}All our PVC Duct and fittings materials are 4 x 4 mill finish.

Approximate Weight SPIRAL DUCT

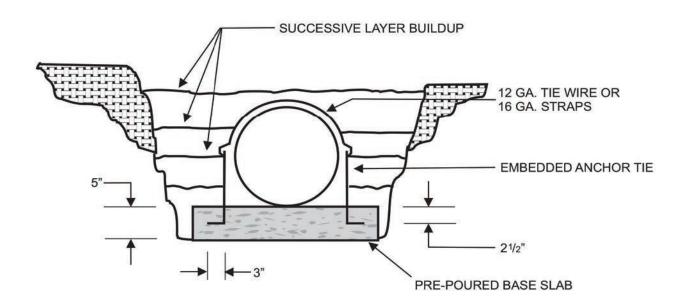
IN POUNDS PER LINEAR FOOT - BASED ON GALVANIZED STEEL

Diameter	26 gauge	24 gauge	22 gauge	20 gauge	18 gauge	16 gauge
3"	.76	1.01	1.23	1.48	*	*
4"	1.02	1.35	1.64	1.94	*	*
5"	1.28	1.69	2.06	2.42	*	*
6"	1.54	2.03	2.47	2.91	3.88	4.76
7"	1.79	2.37	2.88	3.40	4.52	5.58
8"	2.05	2.71	3.29	3.86	5.17	6.34
9"	2.31	3.05	3.71	4.37	5.82	7.18
10"	2.57	3.39	4.12	4.86	6.47	7.92
11"	2.82	3.73	4.54	5.34	7.11	8.72
12"	3.08	4.07	4.95	5.83	7.75	9.54
13"	3.34	4.41	5.36	6.32	8.48	10.31
14"	3.59	4.74	5.77	6.81	9.05	11.05
15"	3.84	5.08	6.18	7.28	9.70	11.80
16"	4.11	5.42	6.60	7.78	10.34	12.65
17"	4.36	5.77	7.02	8.25	11.08	13.47
18"	4.63	6.10	7.43	8.76	11.64	14.32
19"	4.89	5.44	7.84	9.25	12.29	15.09
20"	5.15	6.78	8.25	9.73	12.93	15.85
22"	5.65	7.46	9.08	10.71	14.23	17.50
24"	*	8.14	9.91	11.68	15.52	19.00
26"	*	8.82	10.73	12.66	16.82	20.70
28"	*	9.50	11.56	13.63	18.11	22.20
30"	*	10.18	12.38	14.60	19.41	23.90
32"	*	10.84	13.21	15.58	20.71	25.50
34"	*	11.54	14.01	16.51	21.97	27.08
36"	*	12.20	14.90	17.53	23.29	28.80
38"	*	12.88	15.67	18.46	24.51	30.26
40"	*	13.56	16.50	19.48	25.88	31.75
42"	*	*	17.32	20.40	27.21	33.47
44"	*	*	18.16	21.42	28.47	35.00
46"	*	*	18.99	22.39	29.77	36.65
48"	*	*	19.82	24.33	31.06	38.30
50"	*	*	20.63	25.30	32.37	39.94
52"	*	*	21.44	26.28	33.68	41.58
54"	*	*	22.26	26.28	34.98	43.18
56"	*	*	23.03	27.25	36.27	44.78
58"	*	*	23.82	28.23	37.56	46.38
60"	*	*	24.74	29.20	38.84	47.97

WEIGHTS MAY VARY SLIGHTLY

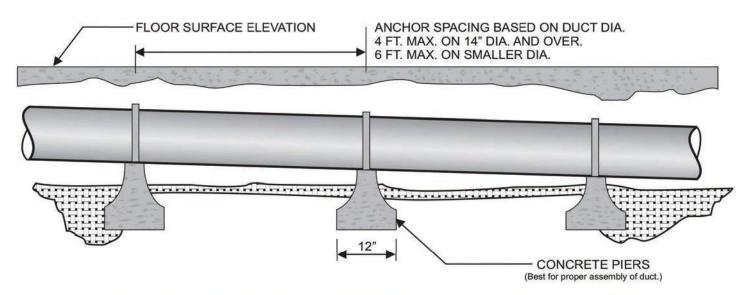


Underground INSTALLATION



PRECAUTION!

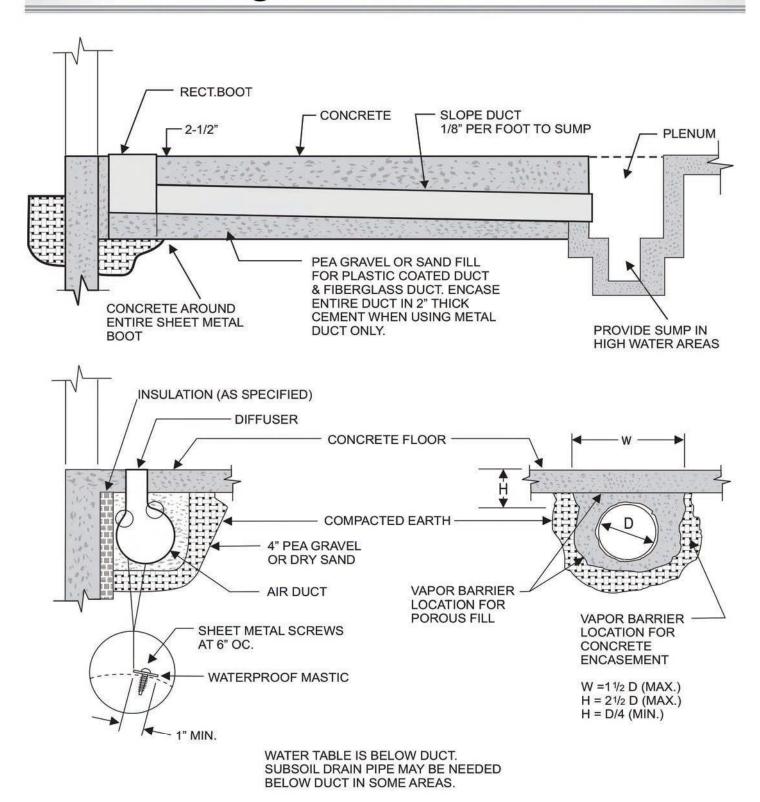
THREE STAGE PLACEMENT OF CONCRETE IS ADVISABLE TO AVOID DAMAGE AND REDUCE DANGER OF FLOTATION. CONCRETE SHOULD NEVER BE DUMPED ON THE DUCT. COVER SHOULD BE MOVED LATERALLY OVER THE DUCT.



TYPICAL ANCHORAGE OF DUCTS TO BE ENCASED IN CONCRETE



Underground INSTALLATION

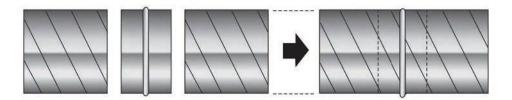




Round Duct INSTALLATION

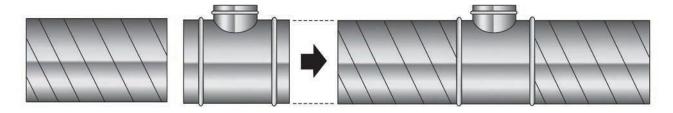
Installation of Slip Joint Connectors

Duct-to-joint connections are made by using a duct coupling that slips inside the duct sections.



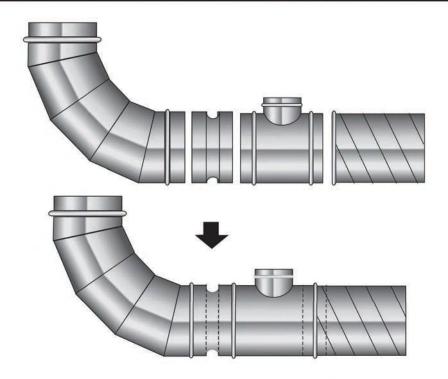
Duct-to-Fitting Connections

Duct-to-fitting connections are made by slipping the fitting collar into the duct.



Fitting-to-Fitting Connections

Connections can be made by using a short section of duct or by using a fitting coupling.



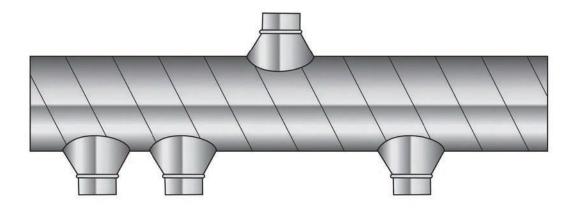


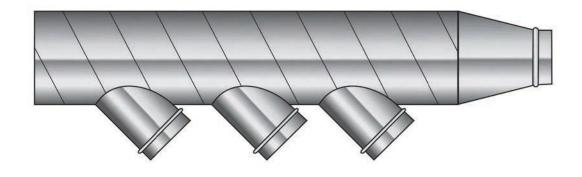
Round Duct MANIFOLDS/ASSEMBLIES

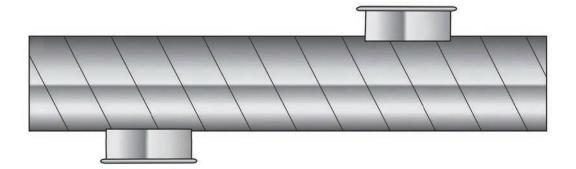
Standard Manifolds/Assemblies of Duct and Fittings

We offer manifolds/assemblies of duct and fittings from our standard duct and fitting components.

Manifolds/assemblies reduce field labor and potential sources of leakage by eliminating joints between pipe and standard fittings.





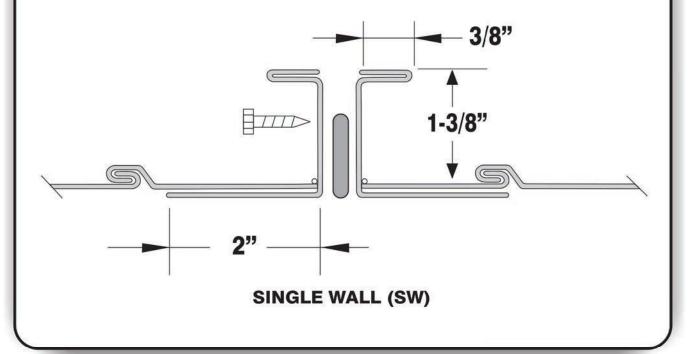


SINGLE WALL ROUND PRO FLANGE



SINGLE WALL ROUND PRO FLANGE SCHEDULE

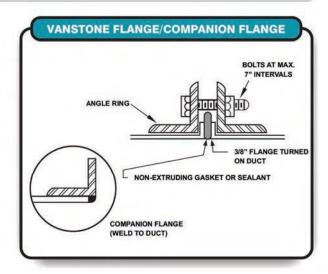
ITEM CODE	WALL CODE	PF SIZE	MATERIAL	GAUGE	SEAM	PRESSURE CLASS
	V25011 NO. 2023 (\$100 Laborated page 100 Laborated	6"-28"(Even & Odd Sizes)*	Galvanized,	18	1	+10" W.G.
PF Single Wall		30" - 58" (Even Sizes)	Galvanneal,	18	OWE	to - 10" W.G.
	60" - 74" (Even Sizes)	304 SS, 316 SS Aluminum &	16	SWB	SMACNA	
	5	76" x 96" (Even Sizes)	PVC Coated	14		HVAC D.C.S

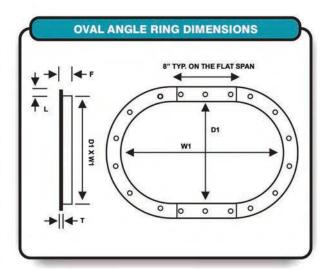




ROUND DUCT CONNECTORS

	ANGLE	IRON I	RING S	PECIFI	CATIONS	
ORDER SIZE	ANGLE MILD STEEL	I.D.	BOLT HOLES	HOLE SIZE	BOLT CIRCLE	WEIGHT LBS.
3	PRESSED	3-1/16	6	9/32	4-5/16	0.70
4	10 GA	4-1/16	6	9/32	5-5/16	0.85
5		5-1/16	6	9/32	6-5/16	1.20
6		6-1/8	6	3/8	7-5/16	1.75
7	1-1/4	7-1/8	6	3/8	8-1/2	2.00
8	×	8-1/8	6	3/8	9-9/16	2.25
9	1-1/4 X	9-1/8	6	3/8	10-5/8	2.50
10	1/8	10-1/8	6	3/8	11-13/16	2.75
11		11-1/8	6	3/8	12-3/4	3.00
12	1-1/2	12-3/16	8	7/16	14	4.00
13	x	13-3/16	8	7/16	15	4.25
14	1-1/2 X	14-3/16	8	7/16	16	4.75
15	1/8	15-3/16	8	7/16	17	5.00
		C 4154095W150-151	14551	National Section 1	200	
16		16-3/16	8	7/16	18	8.00
17		17-3/16	8	7/16	19	8.25
18	1-1/2	18-3/16	8	7/16	20	8.50
19 20	X 1-1/2	19-3/16 20-3/16	12 12	7/16 7/16	20-3/4	8.75 9.50
21	X	21-3/16	12	7/16	22-3/4	10.25
22	3/16	22-3/16	12	7/16	23-3/4	10.75
23	- "	23-3/16	12	7/16	24-7/8	11.25
24		24-3/16	12	7/16	25-7/8	11.50
				7/16		
25		25-3/16	16	7/16	26-7/8	15.75
26 27		26-3/16 27-3/16	16 16	7/16 7/16	28-3/8 29-3/8	16.50 16.75
28		28-3/16	16	7/16	30-3/8	18.00
29		29-3/16	16	7/16	31-3/8	18.75
30		30-3/16	16	7/16	32-3/8	19.50
31		31-3/16	16	7/16	33-3/8	19.75
32		32-3/16	16	7/16	34-3/8	20.00
33		33-3/16	16	7/16	35-3/8	21.25
34		34-3/16	16	7/16	36-3/8	22.50
35		35-3/16	16	7/16	37-3/8	22.75
36		36-3/16	16	7/16	38-3/8	23.00
37		37-3/16	24	7/16	39-3/8	23.75
38		38-3/16	24	7/16	40-3/8	24.50
39		39-3/16	24	7/16	41-3/8	25.00
40		40-3/16	24	7/16	42-3/8	25.75
41		41-3/16	24	7/16	43-3/8	26.25
42	2 X 2 X	42-3/16	24	7/16	44-3/8	26.50
43	3/16	43-3/16	24	7/16	45-3/8	27.50
44		44-3/16	24	7/16	46-3/8	28.00
45		45-3/16	24	7/16	47-3/8	28.50
46		46-3/16	24	7/16	48-3/8	29.00
47		47-3/16	24	7/16	49-3/8	30.00
48		48-3/16	24	7/16	50-3/8	30.75
49	1	49-3/16	24	7/16	51-3/8	31.50
50		50-3/16	24	7/16	52-3/8	32.00
52		52-3/16	24	7/16	54-3/8	33.75
54		54-3/16	24	7/16	56-3/8	35.00
56		56-3/16	24	7/16	58-3/8	36.25
58		58-3/16	24	7/16	60-3/8	37.50
60		60-3/16	24	7/16	62-3/8	38.75
62 64		62-3/16 64-3/16	24 24	7/16 7/16	64-3/8 66-3/8	40.00 41.50
66		66-3/16	24	7/16	68-3/8	42.75
68		68-3/16	24	7/16	70-3/8	44.00
70		70-3/16	24	7/16	72-3/8	45.25
72		72-3/16	24	7/16	74-3/8	46.50



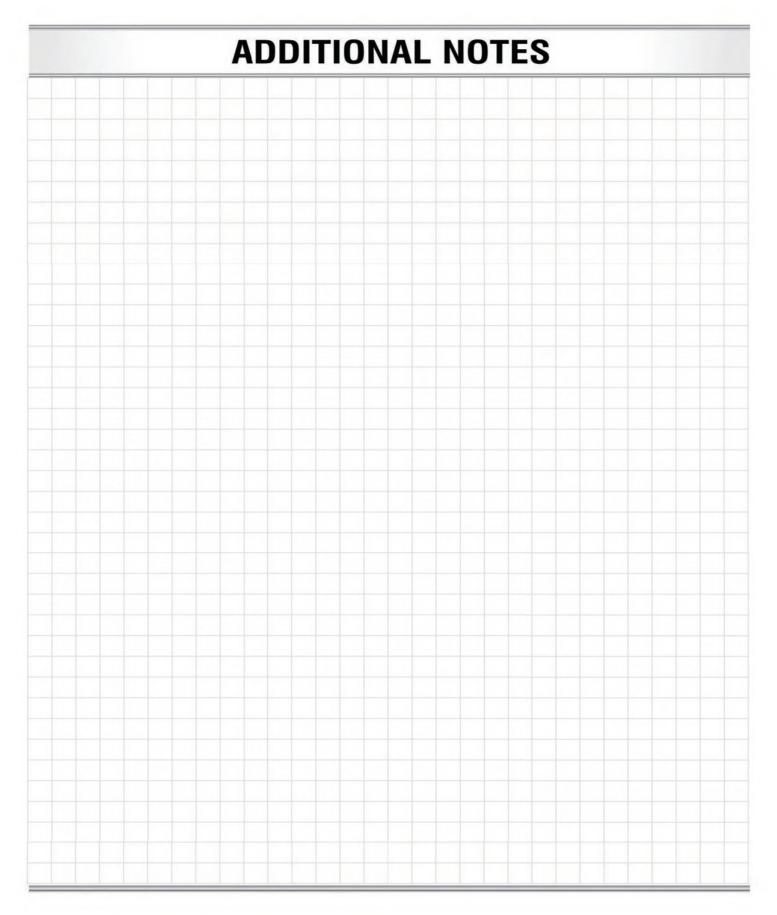


A	BOLT HOLE	NUMBER OF	LxF	T
MINOR AXIS	DIAMETER	BOLTS ON	Nominal Size	Nominal
(INCHES)	(INCHES)	CURVED SIDE	(inches)	Thickness
3-5	9/32	6	1X1	10 GAUGE
5-11	3/8		1-1/4 X 1-1/4	1/8"
12-14	7/16	8	1-1/2 X 1-1/2	1/8"
16-18	7/16	8	1-1/2 X 1-1/2	3/16"
19-24	7/16	12	1-1/2 X 1-1/2	3/16"
25-36	7/16	16	2X2	3/16"
37-50	7/16	24	2X2	3/16"

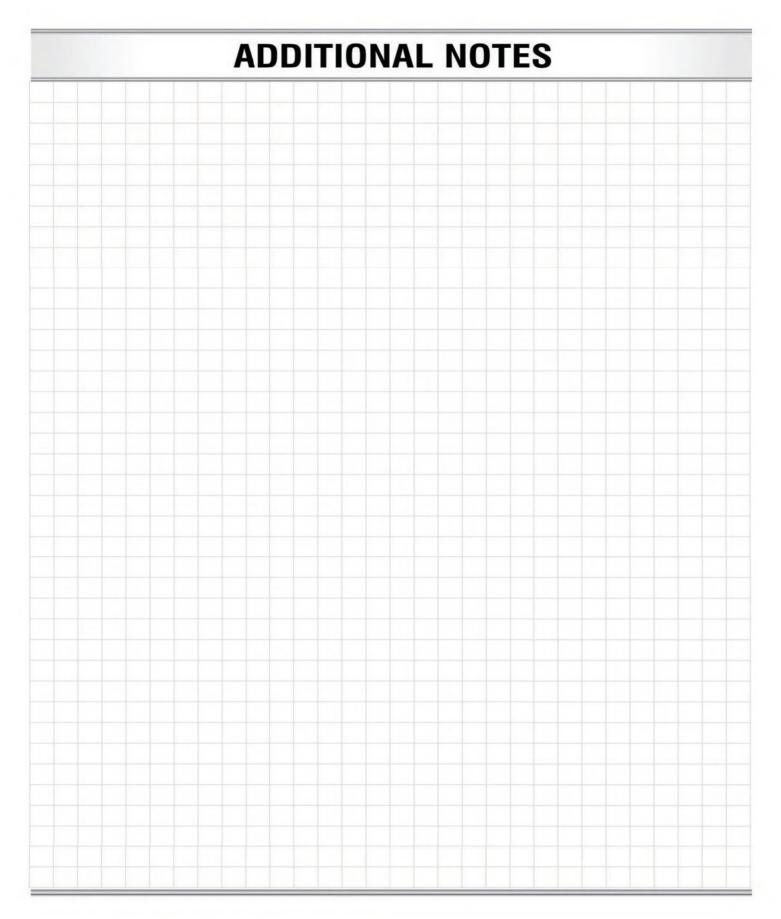
STANDARD RINGS ARE HOT ROLLED STEEL. GALVANIZED, ALUMINUM AND STAINLESS STEEL RINGS ARE ALSO AVAILABLE.



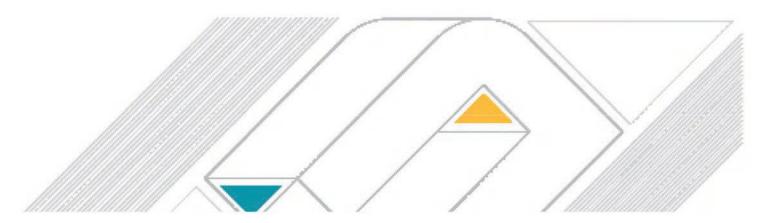












Terms & Conditions Of Sale

All sales are C.O.D until account is established. Full payment for each shipment will be due within 30 days from date of shipment. United Duct Supply does not offer cash discounts nor does it allow the withholding of retainage.

PURCHASE ORDERS

Telephone purchase orders must be confirmed in writing or by fax to eliminate confusion and error. Items purchased for use in improvement of properties may be subject to the mechanic's lien laws of the civil code. All orders are subject to acceptance by United Duct Supply.

CODES & SPECIFICATIONS

It is the responsibility of the contractor to determine that proper material, manufacturing and assembly procedures and both local and SMACNA codes are followed to meet the requirements for a given job. United Duct Supply extends no assurances that the products provided are adequate in type or quantity for the project or application.

CANCELLATIONS

Once accepted and material is consumed, orders cannot be cancelled but upon payment of charges, to compensate United Duct Supply. for work performed plus a reasonable mark-up.

SHIPMENT

All products are F.O.B. United Duct Supply. Customers must check shipment against an enclosed packing list. No claims for shortages, defects or nonconformity will be accepted after 72 hours from the date the shipment was received. An invoice will be issued if material is palletized and pallets are not returned within 15 days.

PRICING

All proposals are valid for 30 days from the date issued. Changes to products specifications and quantities will require changes to prices.











WWW.UNITEDDUCT.COM

UNITED DUCT SUPPLY, INC 1049 West Republic Drive Addison, Illinois 60101

PH: 630-703-1000 FX: 630-703-2000