

Order Cover Sheet

Round Duct



Customer Use	
Name (requestor):	Tel:
Company:	Fax:
P.O. Box / Street:	Cell:
City / State / Zip:	Email:
Project Name:	P.O. Number:
Project Location:	RFQ Number:
Requested Lead Time:	RFQ Due Date:

PureGuard LLC Use		
Job Number:	Order Date:	Ship Date:

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:



Index Round Duct



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- 1-100 SS-401 Tools & Supplies
- 1-101 SS-402 Goretex PTFE Gasket

PureGuard LLC

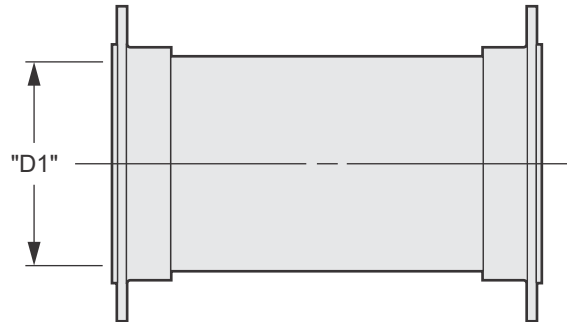
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Fitting: Straight Duct Gauge Requirements - 4' Lengths

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Standard design is +/-6" w.c. per SMACNA Industrial Standard unless otherwise noted here: _____



DUCT DIA.	MIN GAUGE REQUIREMENTS AT VARYING VACUUM LEVELS BASED ON 4'-0" SPACING FOR STIFFENERS SMACNA ROUND INDUSTRIAL STANDARDS						
"D1"	-6" WC	-8" WC	-10" WC	-12" WC	-14" WC	-16" WC	-18" WC
2	20	20	20	20	20	20	20
4	20	20	20	20	20	20	20
6	20	20	20	20	20	20	20
8	20	20	20	20	20	20	20
10	20	20	20	20	20	20	20
12	20	20	20	20	20	20	20
14	20	20	20	20	20	20	20
16	20	20	20	20	20	20	20
18	20	20	20	20	20	20	20
20	20	20	20	20	20	20	20
22	20	20	20	20	20	20	20
24	20	20	20	20	20	20	18
26	20	20	20	20	20	18	18
28	20	20	20	18	18	18	18
30	20	20	20	18	18	18	18
32	20	20	20	18	18	18	18
34	20	20	20	18	18	18	18
36	20	20	18	18	18	18	18
38	20	20	18	18	18	18	18
40	20	20	18	18	18	18	16
42	20	18	18	18	18	16	16
44	20	18	18	18	18	16	16
46	20	18	18	18	16	16	16
48	20	18	18	18	16	16	16
50	18	18	18	18	16	16	16
52	18	18	18	18	16	16	16
54	18	18	18	18	16	16	16
56	18	18	18	18	16	16	16
58	18	18	16	16	16	16	14
60	18	18	16	16	16	16	14

DUCT DIA.	MIN GAUGE REQUIREMENTS AT VARYING VACUUM LEVELS BASED ON 4'-0" SPACING FOR STIFFENERS SMACNA ROUND INDUSTRIAL STANDARDS						
"D1"	-6" WC	-8" WC	-10" WC	-12" WC	-14" WC	-16" WC	-18" WC
62	18	18	16	16	16	14	14
64	18	18	16	16	16	14	14
66	18	18	16	16	16	14	14
68	18	16	16	16	14	14	14
70	18	16	16	16	14	14	14
72	18	16	16	16	14	14	14
74	18	16	16	16	14	14	14
76	18	16	16	16	14	14	14
78	18	16	16	16	14	14	14
80	16	16	16	16	14	14	14
82	16	16	16	16	14	14	14
84	16	16	14	14	14	14	12
86	16	16	14	14	14	14	12
88	16	16	14	14	14	14	12
90	16	16	14	14	14	12	12
92	16	16	14	14	14	12	12
94	16	16	14	14	14	12	12
96	16	16	14	14	14	12	12
98	16	14	14	14	12	12	12
100	16	14	14	14	12	12	12
102	16	14	14	14	12	12	12
104	16	14	14	14	12	12	12
106	16	14	14	14	12	12	12
108	16	14	14	14	12	12	12
110	16	14	14	14	12	12	12
112	16	14	14	14	12	12	12
114	16	14	14	14	12	12	12
116	16	14	14	14	12	12	12
118	14	14	14	14	12	12	12
120	14	14	14	14	12	12	12

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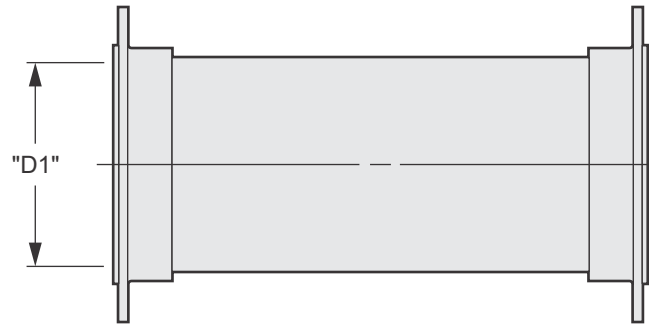
INSTRUCTIONS:

Fitting: **Straight Duct Gauge Requirements - 5' Lengths**

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DUCT DIA.	MIN GAUGE REQUIREMENTS AT VARYING VACUUM LEVELS BASED ON 4'-0" SPACING FOR STIFFENERS SMACNA ROUND INDUSTRIAL STANDARDS						
"D1"	-6" WC	-8" WC	-10" WC	-12" WC	-14" WC	-16" WC	-18" WC
2	20	20	20	20	20	20	20
4	20	20	20	20	20	20	20
6	20	20	20	20	20	20	20
8	20	20	20	20	20	20	20
10	20	20	20	20	20	20	20
12	20	20	20	20	20	20	20
14	20	20	20	20	20	20	20
16	20	20	20	20	20	20	20
18	20	20	20	20	20	20	20
20	20	20	20	20	20	20	20
22	20	20	20	20	20	18	18
24	20	20	20	20	18	18	18
26	20	20	20	20	18	18	18
28	20	20	20	18	18	18	18
30	20	20	20	18	18	18	18
32	20	20	18	18	18	18	18
34	20	20	18	18	18	18	16
36	20	18	18	18	18	16	16
38	20	18	18	18	18	16	16
40	20	18	18	18	16	16	16
42	20	18	18	18	16	16	16
44	18	18	18	16	16	16	16
46	18	18	18	16	16	16	16
48	18	18	18	16	16	16	16
50	18	18	16	16	16	16	14
52	18	18	16	16	16	16	14
54	18	18	16	16	16	14	14
56	18	18	16	16	16	14	14
58	18	16	16	16	14	14	14
60	18	16	16	16	14	14	14

DUCT DIA.	MIN GAUGE REQUIREMENTS AT VARYING VACUUM LEVELS BASED ON 4'-0" SPACING FOR STIFFENERS SMACNA ROUND INDUSTRIAL STANDARDS						
"D1"	-6" WC	-8" WC	-10" WC	-12" WC	-14" WC	-16" WC	-18" WC
62	18	16	16	16	14	14	14
64	18	16	16	14	14	14	14
66	18	16	16	14	14	14	14
68	18	16	16	14	14	14	14
70	16	16	16	14	14	14	14
72	16	16	14	14	14	14	12
74	16	16	14	14	14	14	12
76	16	16	14	14	14	14	12
78	16	16	14	14	14	12	12
80	16	16	14	14	14	12	12
82	16	16	14	14	14	12	12
84	16	14	14	14	14	12	12
86	16	14	14	14	12	12	12
88	16	14	14	14	12	12	12
90	16	14	14	14	12	12	12
92	16	14	14	14	12	12	12
94	16	14	14	12	12	12	12
96	16	14	14	12	12	12	12
98	16	14	14	12	12	12	12
100	16	14	14	12	12	12	12
102	14	14	14	12	12	12	12
104	14	14	14	12	12	12	12
106	14	14	12	12	12	12	12
108	14	14	12	12	12	12	12
110	14	14	12	12	12	12	12
112	14	14	12	12	12	12	12
114	14	14	12	12	12	12	12
116	14	14	12	12	12	12	12
118	14	14	12	12	12	12	12
120	14	14	12	12	12	12	12

INSTRUCTIONS:

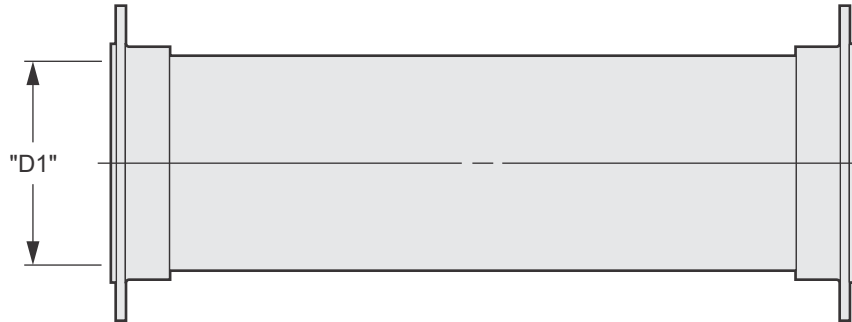
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Fitting: **Straight Duct Gauge Requirements - 8' Lengths**

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DUCT DIA.	MIN GAUGE REQUIREMENTS AT VARYING VACUUM LEVELS BASED ON 4'-0" SPACING FOR STIFFENERS SMACNA ROUND INDUSTRIAL STANDARDS						
"D1"	-6" WC	-8" WC	-10" WC	-12" WC	-14" WC	-16" WC	-18" WC
18	20	20	20	20	20	18	18
20	20	20	20	18	18	18	18
22	20	20	18	18	18	18	18
24	20	20	18	18	18	18	18
26	20	18	18	18	18	18	16
28	20	18	18	18	18	16	16
30	20	18	18	18	16	16	16
32	18	18	18	16	16	16	16
34	18	18	18	16	16	16	16
36	18	18	16	16	16	16	14
38	18	18	16	16	16	14	14
40	18	18	16	16	16	14	14
42	18	16	16	16	14	14	14
44	18	16	16	16	14	14	14
46	18	16	16	16	14	14	14
48	18	16	16	14	14	14	14
50	18	16	16	14	14	14	14
52	16	16	16	14	14	14	12
54	16	16	14	14	14	14	12
56	16	16	14	14	14	14	12
58	16	16	14	14	14	12	12
60	16	16	14	14	14	12	12
62	16	14	14	14	12	12	12
64	16	14	14	14	12	12	12
66	16	14	14	14	12	12	12
68	16	14	14	14	12	12	12

DUCT DIA.	MIN GAUGE REQUIREMENTS AT VARYING VACUUM LEVELS BASED ON 4'-0" SPACING FOR STIFFENERS SMACNA ROUND INDUSTRIAL STANDARDS						
"D1"	-6" WC	-8" WC	-10" WC	-12" WC	-14" WC	-16" WC	-18" WC
70	16	14	14	12	12	12	12
72	16	14	14	12	12	12	12
74	14	14	14	12	12	12	12
76	14	14	14	12	12	12	12
78	14	14	12	12	12	12	12
80	14	14	12	12	12	12	12
82	14	14	12	12	12	12	12
84	14	14	12	12	12	12	12
86	14	14	12	12	12	12	12
88	14	14	12	12	12	12	12
90	14	12	12	12	12	12	12
92	14	12	12	12	12	12	12
94	14	12	12	12	12	12	10
96	14	12	12	12	12	12	10
98	14	12	12	12	12	12	10
100	14	12	12	12	12	10	10
102	14	12	12	12	12	10	10
104	14	12	12	12	12	10	10
106	14	12	12	12	12	10	10
108	14	12	12	12	12	10	10
110	12	12	12	12	10	10	10
112	12	12	12	12	10	10	10
114	12	12	12	12	10	10	10
116	12	12	12	12	10	10	10
118	12	12	12	12	10	10	10
120	12	12	12	12	10	10	10

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INSTRUCTIONS:

Fitting: Angle Ring Specifications

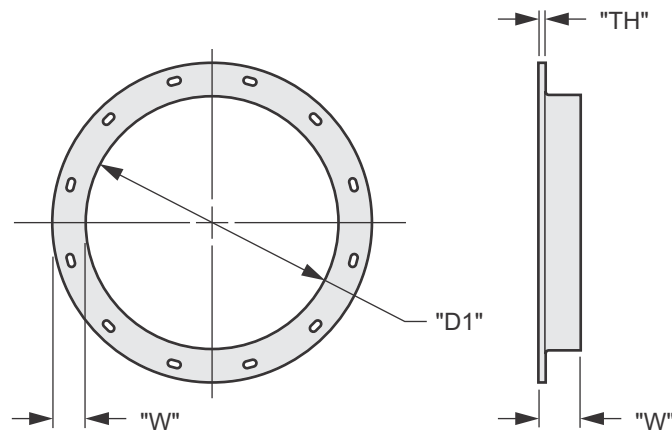
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

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Industrial Standard unless otherwise noted here: _____



"D1" NOMINAL DIA.	"W" x "TH"	"BC" BOLT CIRCLE	QTY BOLT HOLES	HOLE TYPE x SIZE	GASKET SIZE
4	1-1/4"	5.31	6	3/8" x 5/8" Slot	3/16" x 1/8"
6	x	7.50	8	5/16" Bolt	
8	1/8"	9.50			
10		11.50			
12	1-1/2"	13.81	12		1/4" x 1/8"
14	x	15.81	16		
16	3/16"	17.63	20		
18		19.63			
20		21.63			
22		23.88			
24		25.88			
26		27.88	24	7/16" x 11/16" Slot	
28		29.88	28	3/8" Bolt	
30	2" x 3/16"	31.88	32		3/8" x 3/16"
32		33.88	36		
34		35.88	40		
36		37.88	44		
38		40.38	48		
40		42.38	52		
42		44.38	56		
44		46.38			
46		48.38			
48		50.38			
50	2-1/2" x 3/16"	52.88		9/16" x 1" Slot	
52		54.88		7/16" Bolt	
54		56.88			
56		58.88			
58		60.88			
60	3" x 1/4"	62.88			

"D1" NOMINAL DIA.	"W" x "TH"	"BC" BOLT CIRCLE	QTY BOLT HOLES	HOLE TYPE x SIZE	GASKET SIZE
62		64.88	60		
64		66.88	64		
66		68.88	68		
68		70.88	72		
70		72.88	76		
72		74.88	80		
74		76.88	84		
76	3" x 1/4"	78.88	88		
78		80.88	92		
80		82.88	96		
82		84.88	100		
84		86.88	104		
86		89.38	108		
88		91.38	112		
90		93.38	116		
92		95.38			
94		97.38			
96		100.38			
98		102.38			
100		104.38			
102		106.38			
104		108.38			
106	4" x 1/4"	110.38			
108		112.38			
110		114.38			
112		116.38			
114		118.38			
116		120.38			
118		122.38			
120		124.38			

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INSTRUCTIONS:

Fitting: **Round Straight Duct**

Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

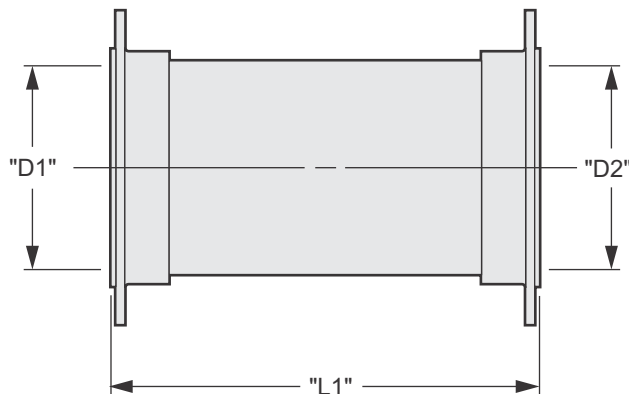
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Standard Lengths:
(custom length available)

Diameter	Nominal	Actual
4" - 8"	4 ft long	47.25"
10" - 16"	4 ft long	47.25"
	5 ft long	59.25"
18" - 48"	4 ft long	47.25"
	5 ft long	59.25"
	8 ft long	95.25"
> 48"	4 ft long	48.25"
	5 ft long	60.25"
	8 ft long	96.25"



FITTING NUMBER	QTY	"D1" DUCT DIA.	"D1" RING TYPE	"D2" RING TYPE	"L1" DUCT LENGTH	ADDITIONAL INSTRUCTIONS: (Special plate flange must be specified whether loose or welded)

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INSTRUCTIONS:

Fitting: **Round Duct Offset**

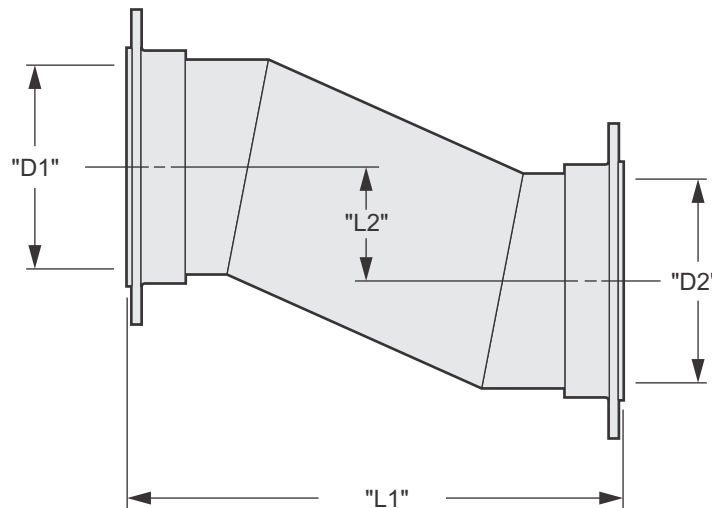
Conn | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
Ring | **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
Type | **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

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Industrial Standard unless otherwise noted here: _____



FITTING NUMBER	QTY	"D1" DUCT DIA.	"D1" RING TYPE	"D2" RING TYPE	"L1" DUCT LENGTH	"L2" DUCT OFFSET	INSTRUCTIONS: (Special plate flange must be specified whether loose or welded)

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INSTRUCTIONS:

Fitting: **90° Long Radius 5-Gore Mitered Elbow**

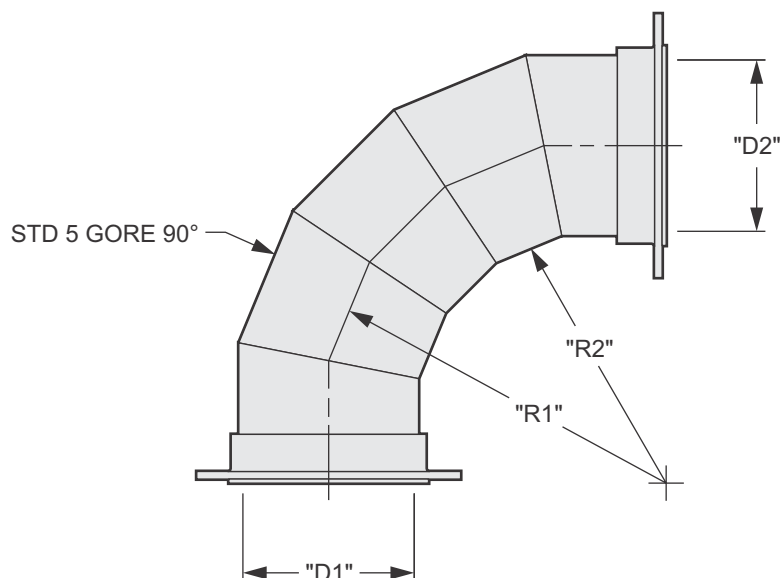
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

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Standard design is +/-6" w.c. per SMACNA Industrial Standard unless otherwise noted here: _____



ELBOW SPECIFICATIONS: Standard face to centerline dimensions for long radius elbows are (1.5 x Diameter).

FITTING NUMBER	QTY	"D1" DUCT DIA.	ELBOW ANGLE	"D1" RING TYPE	"D2" RING TYPE	"R1" CENTER RADIUS	"R2" THROAT RADIUS	EXTENSION "D1" END	EXTENSION "D2" END
			90°						
			90°						
			90°						
			90°						
			90°						
			90°						
			90°						
			90°						
			90°						

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INSTRUCTIONS:

Fitting: **90° Short Radius 5-Gore Mitered Elbow**

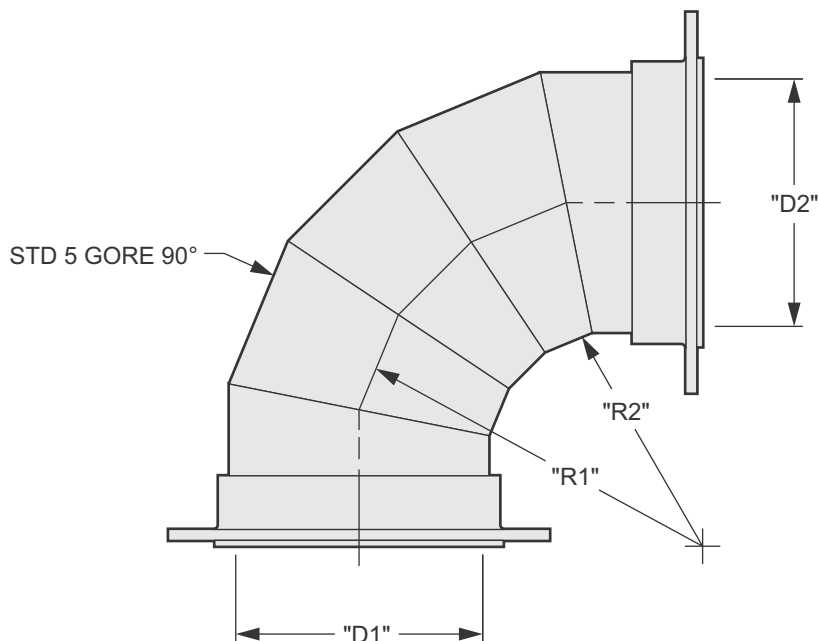
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA Industrial Standard unless otherwise noted here: _____



ELBOW SPECIFICATIONS: Standard face to centerline dimensions for short radius elbows are (1.0 x Diameter).

FITTING NUMBER	QTY	"D1" DUCT DIA.	ELBOW ANGLE	"D1" RING TYPE	"D2" RING TYPE	"R1" CENTER RADIUS	"R2" THROAT RADIUS	EXTENSION "D1" END	EXTENSION "D2" END
			90°						
			90°						
			90°						
			90°						
			90°						
			90°						
			90°						
			90°						
			90°						

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INSTRUCTIONS:

Fitting: **60° Long Radius 4-Gore Mitered Elbow**

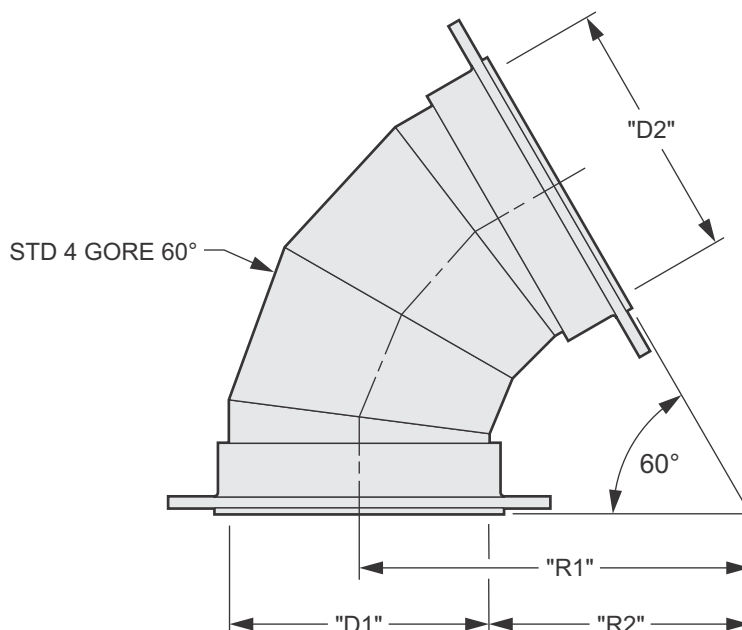
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



ELBOW SPECIFICATIONS: Standard face to centerline dimensions for long radius elbows are (1.5 x Diameter).

FITTING NUMBER	QTY	"D1" DUCT DIA.	ELBOW ANGLE	"D1" RING TYPE	"D2" RING TYPE	"R1" CENTER RADIUS	"R2" THROAT RADIUS	EXTENSION "D1" END	EXTENSION "D2" END
			60°						
			60°						
			60°						
			60°						
			60°						
			60°						
			60°						
			60°						
			60°						

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INSTRUCTIONS:

Fitting: **60° Short Radius 4-Gore Mitered Elbow**

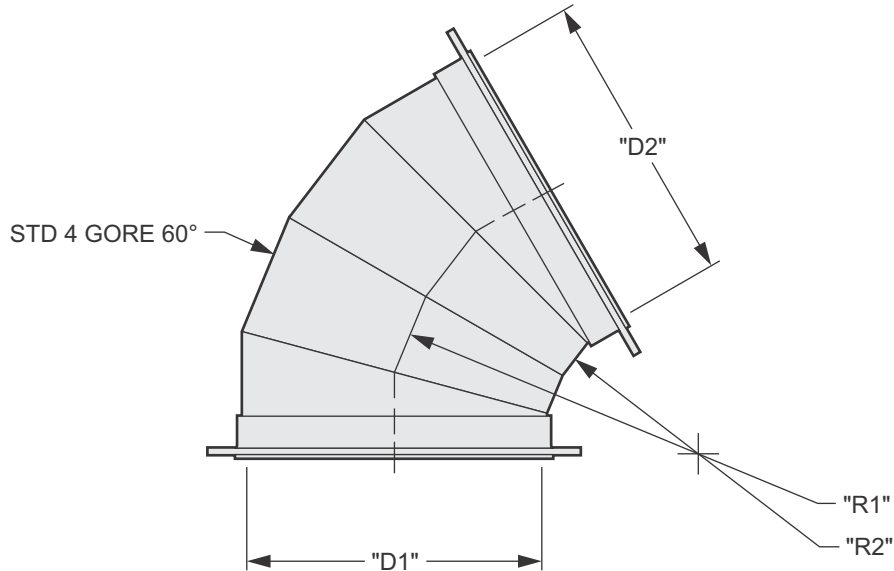
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



ELBOW SPECIFICATIONS: Standard face to centerline dimensions for short radius elbows are (1.0 x Diameter).

FITTING NUMBER	QTY	"D1" DUCT DIA.	ELBOW ANGLE	"D1" RING TYPE	"D2" RING TYPE	"R1" CENTER RADIUS	"R2" THROAT RADIUS	EXTENSION "D1" END	EXTENSION "D2" END
			60°						
			60°						
			60°						
			60°						
			60°						
			60°						
			60°						
			60°						
			60°						

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INSTRUCTIONS:

Fitting: **45° Long Radius 3-Gore Mitered Elbow**

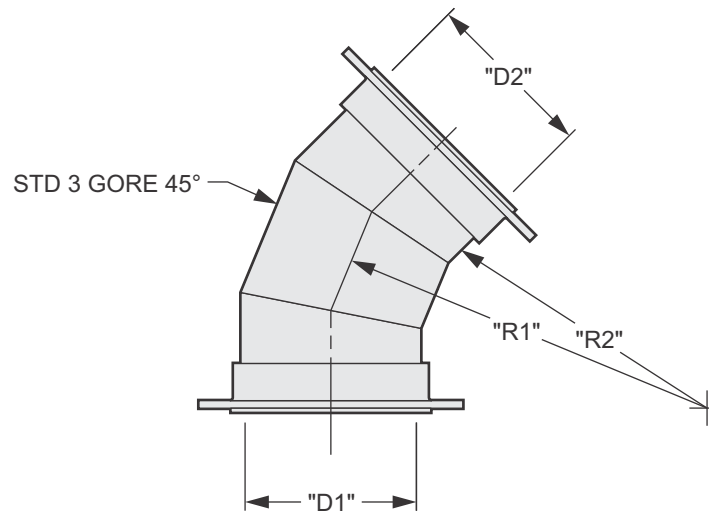
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



ELBOW SPECIFICATIONS: Standard face to centerline dimensions for long radius elbows are (1.5 x Diameter).

FITTING NUMBER	QTY	"D1" DUCT DIA.	ELBOW ANGLE	"D1" RING TYPE	"D2" RING TYPE	"R1" CENTER RADIUS	"R2" THROAT RADIUS	EXTENSION "D1" END	EXTENSION "D2" END
			45°						
			45°						
			45°						
			45°						
			45°						
			45°						
			45°						
			45°						
			45°						

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INSTRUCTIONS:

Fitting: **45° Short Radius 3-Gore Mitered Elbow**

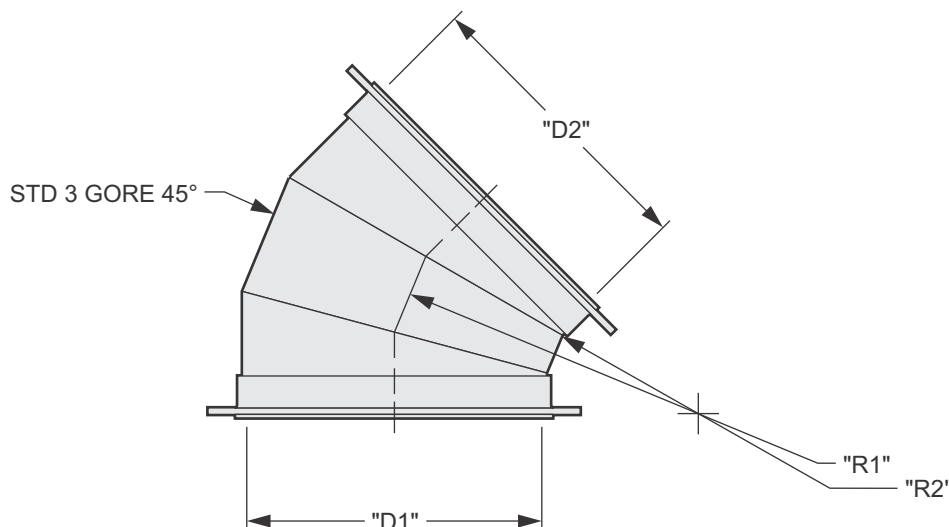
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



ELBOW SPECIFICATIONS: Standard face to centerline dimensions for short radius elbows are (1.0 x Diameter).

FITTING NUMBER	QTY	"D1" DUCT DIA.	ELBOW ANGLE	"D1" RING TYPE	"D2" RING TYPE	"R1" CENTER RADIUS	"R2" THROAT RADIUS	EXTENSION "D1" END	EXTENSION "D2" END
			45°						
			45°						
			45°						
			45°						
			45°						
			45°						
			45°						
			45°						
			45°						

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INSTRUCTIONS:

Fitting: **30° Long Radius 2-Gore Mitered Elbow**

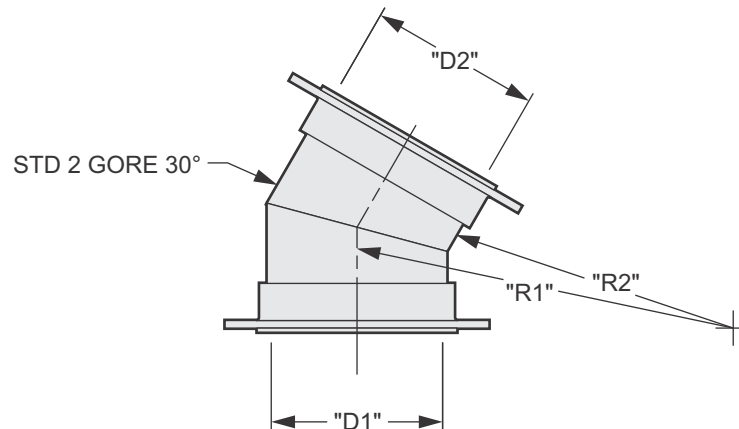
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



ELBOW SPECIFICATIONS: Standard face to centerline dimensions for long radius elbows are (1.5 x Diameter).

FITTING NUMBER	QTY	"D1" DUCT DIA.	ELBOW ANGLE	"D1" RING TYPE	"D2" RING TYPE	"R1" CENTER RADIUS	"R2" THROAT RADIUS	EXTENSION "D1" END	EXTENSION "D2" END
			30°						
			30°						
			30°						
			30°						
			30°						
			30°						
			30°						
			30°						
			30°						

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INSTRUCTIONS:

Fitting: **30° Short Radius 2-Gore Mitered Elbow**

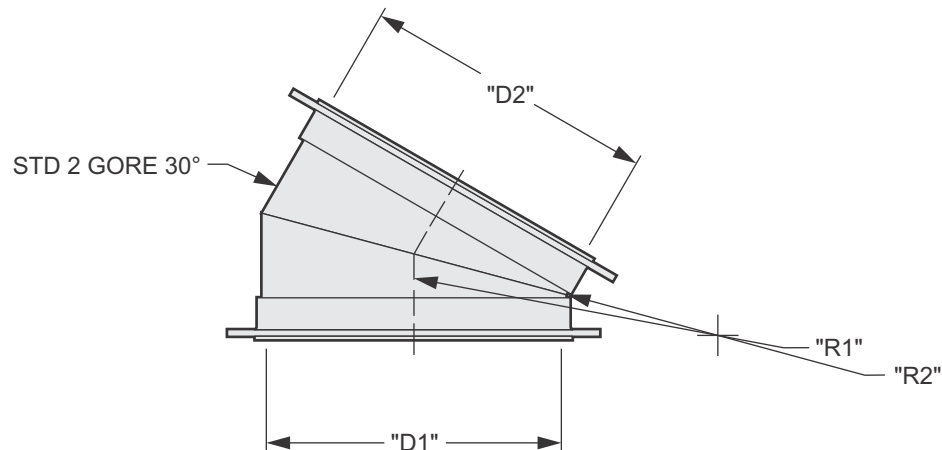
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

| Rings are loose < 32" diameter
| Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA Industrial Standard unless otherwise noted here: _____



ELBOW SPECIFICATIONS: Standard face to centerline dimensions for short radius elbows are (1.0 x Diameter).

FITTING NUMBER	QTY	"D1" DUCT DIA.	ELBOW ANGLE	"D1" RING TYPE	"D2" RING TYPE	"R1" CENTER RADIUS	"R2" THROAT RADIUS	EXTENSION "D1" END	EXTENSION "D2" END
			30°						
			30°						
			30°						
			30°						
			30°						
			30°						
			30°						
			30°						
			30°						

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INSTRUCTIONS:

Fitting: **15° 2-Gore Mitered Elbow**

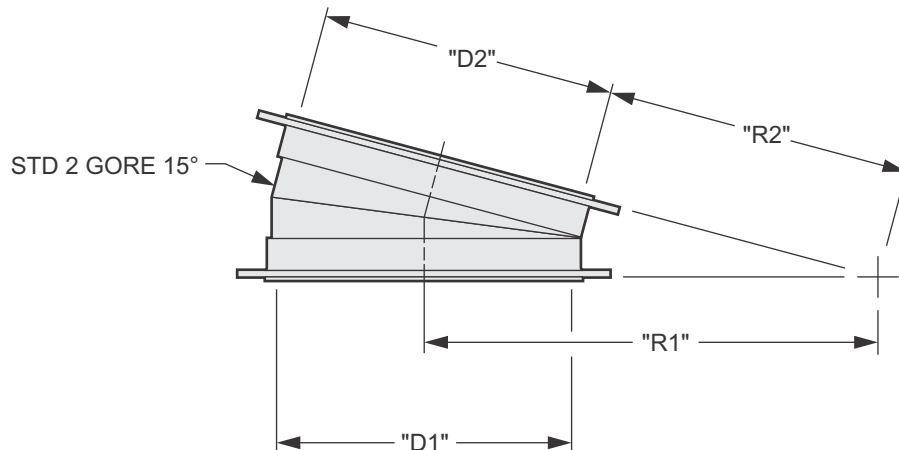
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



ELBOW SPECIFICATIONS: Standard face to centerline dimensions for long radius elbows are (1.5 x Diameter).
Standard face to centerline dimensions for short radius elbows are (1.0 x Diameter).

FITTING NUMBER	QTY	"D1" DUCT DIA.	ELBOW ANGLE	"D1" RING TYPE	"D2" RING TYPE	"R1" CENTER RADIUS	"R2" THROAT RADIUS	EXTENSION "D1" END	EXTENSION "D2" END
			15°						
			15°						
			15°						
			15°						
			15°						
			15°						
			15°						
			15°						
			15°						

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INSTRUCTIONS:

Fitting: Square to Round Transition

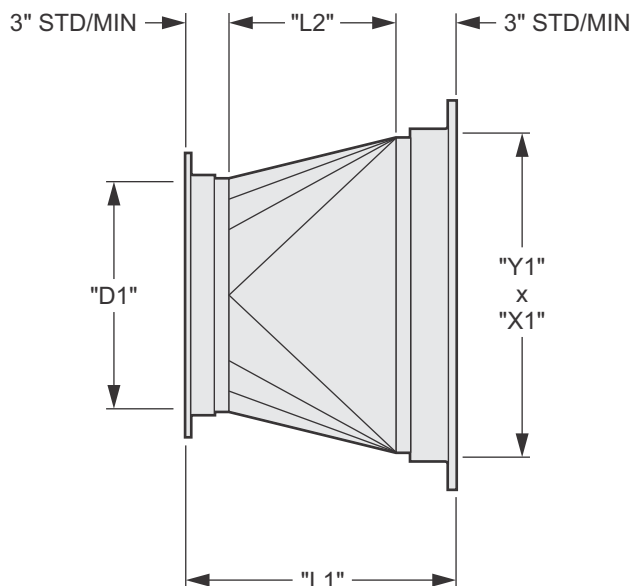
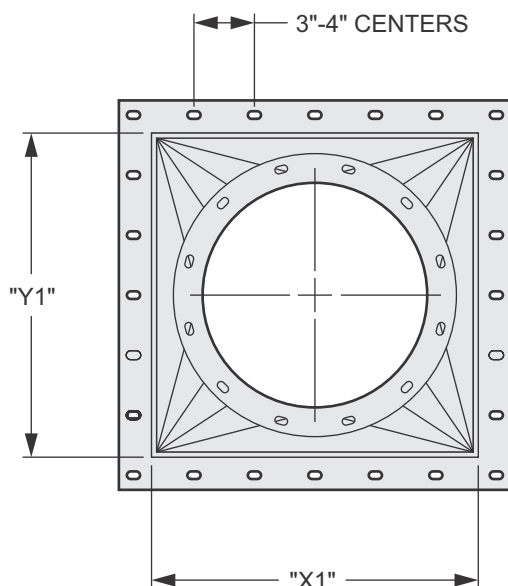
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



FITTING NUMBER	QTY	"D1" DUCT DIA.	"D1" RING TYPE	"L1" DUCT LENGTH	"L2" DUCT LENGTH	"X1" WIDTH	"Y1" HEIGHT	INSTRUCTIONS: (Special plate flange must be specified whether loose or welded)

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INSTRUCTIONS:

Fitting: **Square to Round Offset Transition**

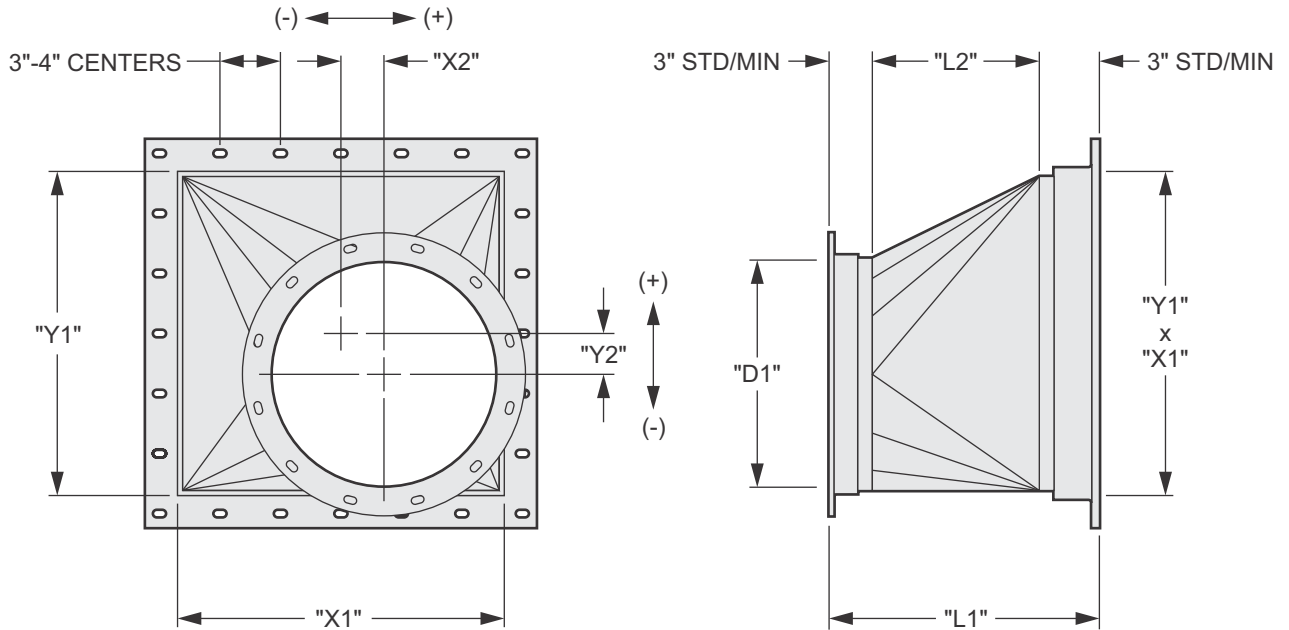
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



FITTING NUMBER	QTY	"D1" DUCT DIA.	"D1" RING TYPE	"L1" DUCT LENGTH	"L2" DUCT LENGTH	"X1" WIDTH	"Y1" HEIGHT	"X2" DEVIATE	"Y2" DEVIATE

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INSTRUCTIONS:

Fitting: **Concentric Reducer**

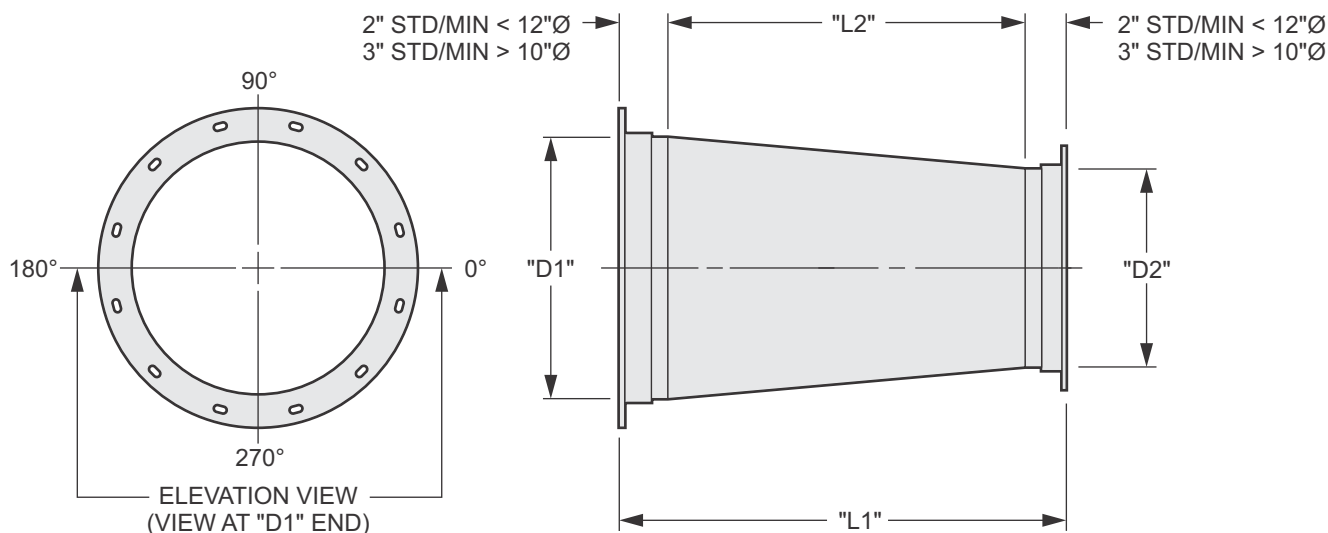
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

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Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



FITTING NUMBER	QTY	"D1" DUCT DIA.	"D1" RING TYPE	"D2" DUCT DIA.	"D2" RING TYPE	"L1" DUCT LENGTH	"L2" REDUCER LENGTH	INSTRUCTIONS:

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INSTRUCTIONS:

Fitting: **Eccentric Reducer**

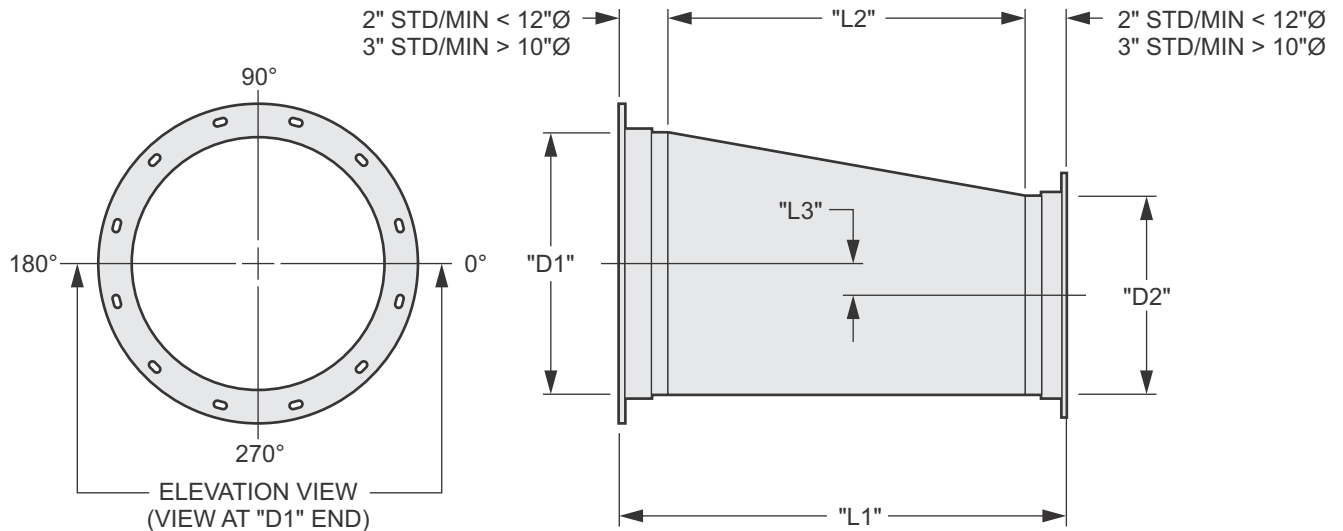
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



FITTING NUMBER	QTY	"D1" DUCT DIA.	"D1" RING TYPE	"D2" DUCT DIA.	"D2" RING TYPE	"L1" DUCT LENGTH	"L2" REDUCER LENGTH	"L3" OFFSET LENGTH

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INSTRUCTIONS:

Fitting: **Straight Duct with Drain**

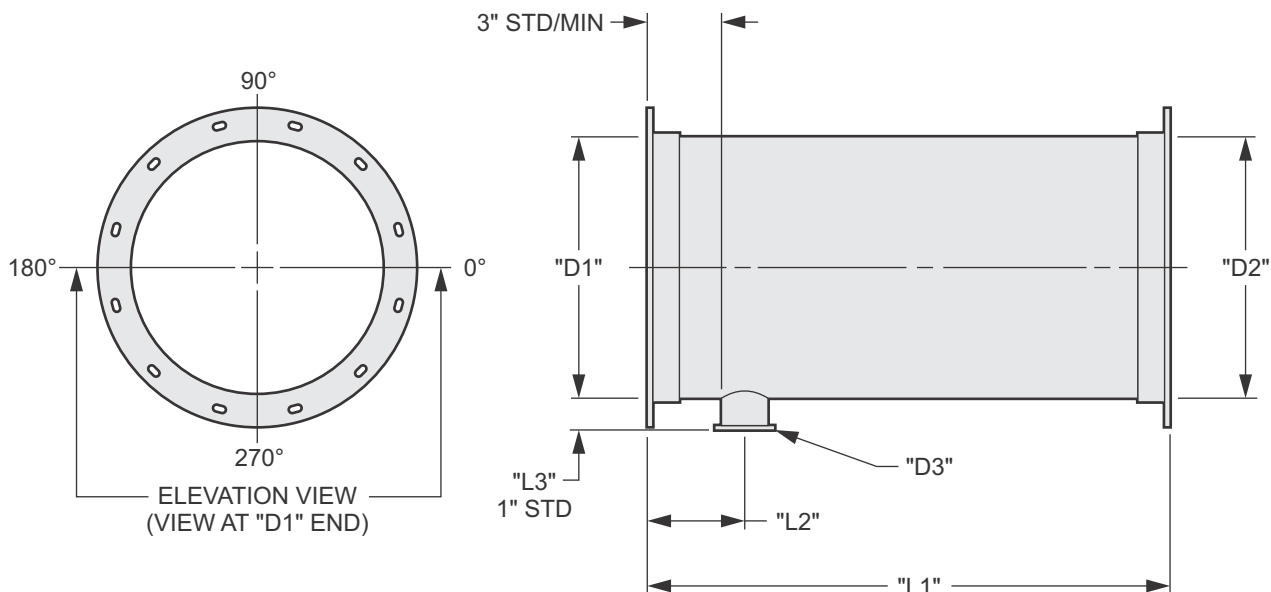
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



FITTING NUMBER	QTY	"D1" DUCT DIA.	"D1" RING TYPE	"D2" RING TYPE	"L1" DUCT LENGTH	"D3" DRAIN DIA.	"D3" DRAIN CONNECT	"L2" DRAIN LOCATION	"L3" DRAIN LENGTH	ROTATION ON DUCT

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INSTRUCTIONS:

Fitting: **Straight Duct with Straight Tap**

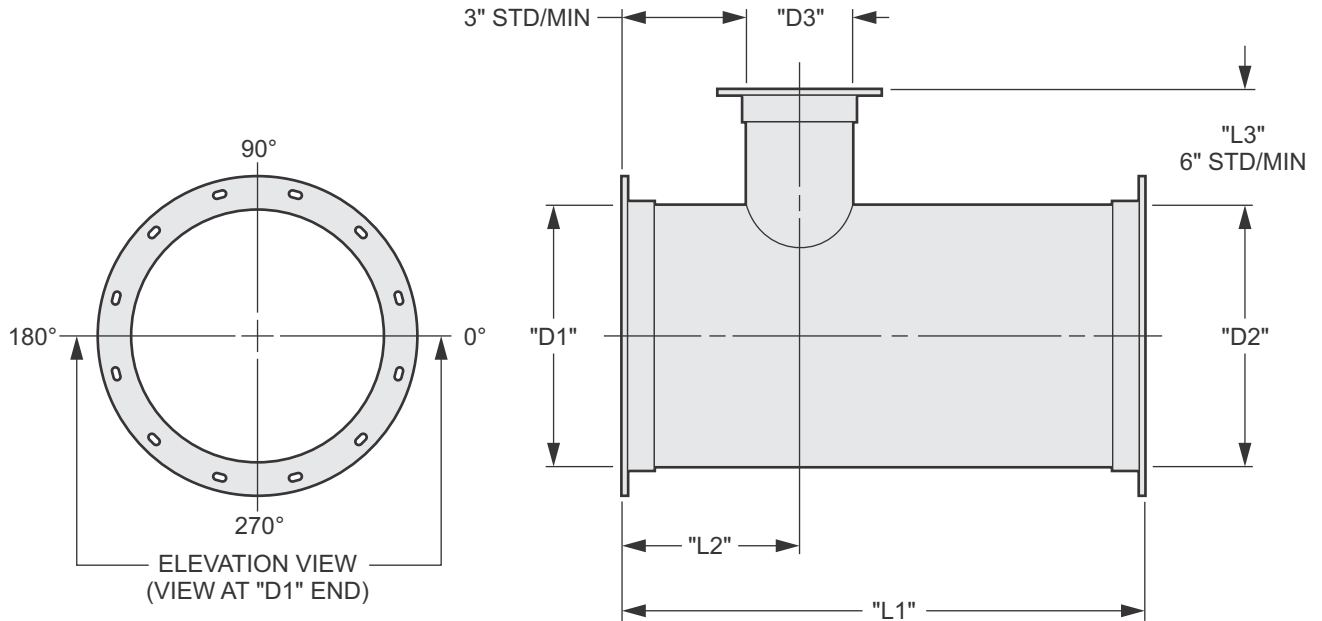
Conn | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
Ring | **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
Type | **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



FITTING NUMBER	QTY	"D1" DUCT DIA.	"D1" RING TYPE	"D2" RING TYPE	"L1" DUCT LENGTH	"D3" TAP DIA.	"D3" RING TYPE	"L2" TAP LOCATION	"L3" TAP LENGTH	ROTATION ON DUCT

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INSTRUCTIONS:

Fitting: **Straight Duct with Conical Tap**

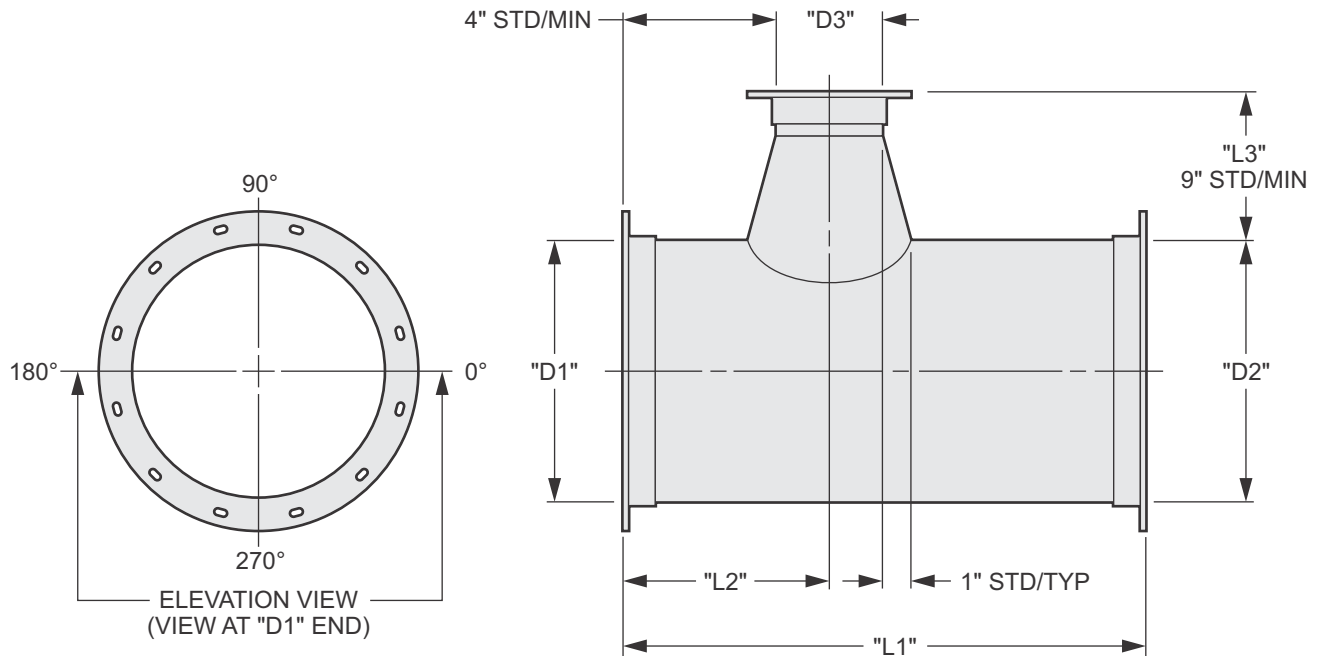
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



FITTING NUMBER	QTY	"D1" DUCT DIA.	"D1" RING TYPE	"D2" RING TYPE	"L1" DUCT LENGTH	"D3" TAP DIA.	"D3" RING TYPE	"L2" TAP LOCATION	"L3" TAP LENGTH	ROTATION ON DUCT

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INSTRUCTIONS:

Fitting: **Straight Duct with Shoe Tap**

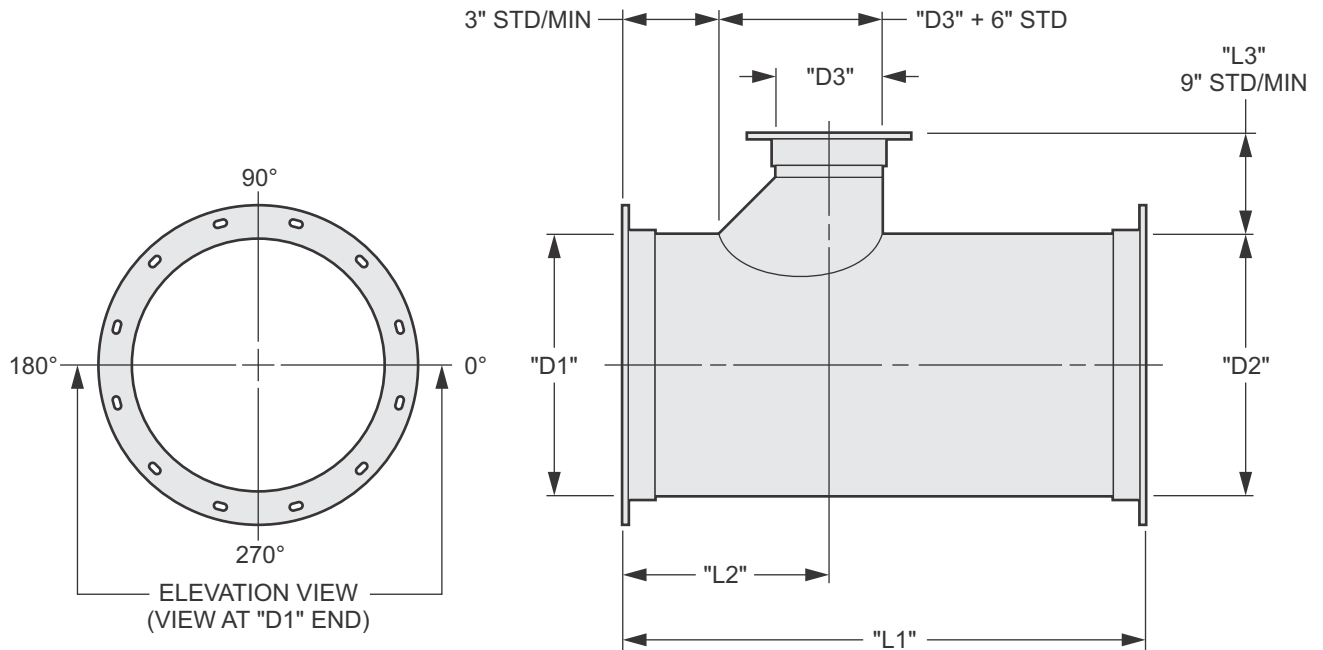
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



FITTING NUMBER	QTY	"D1" DUCT DIA.	"D1" RING TYPE	"D2" RING TYPE	"L1" DUCT LENGTH	"D3" TAP DIA.	"D3" RING TYPE	"L2" TAP LOCATION	"L3" TAP LENGTH	ROTATION ON DUCT

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INSTRUCTIONS:

Fitting: **Straight Duct with 45° Lateral Tap**

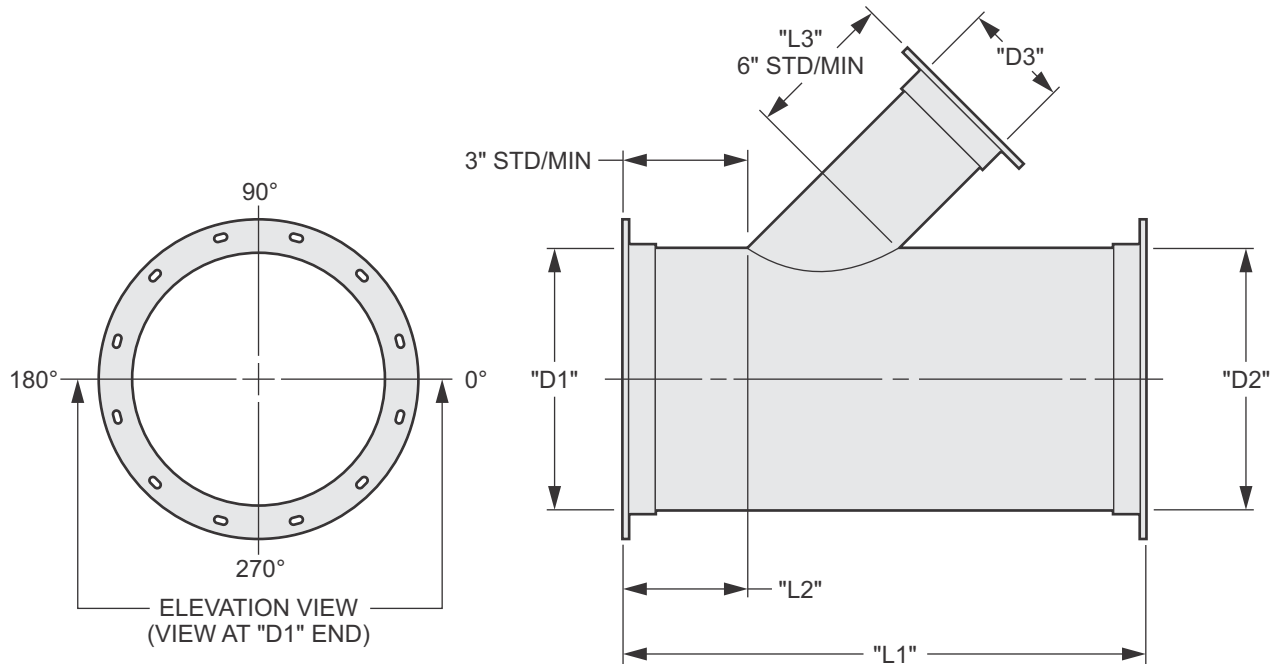
Conn | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
Ring | **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
Type | **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



FITTING NUMBER	QTY	"D1" DUCT DIA.	"D1" RING TYPE	"D2" RING TYPE	"L1" DUCT LENGTH	"D3" TAP DIA.	"D3" RING TYPE	"L2" TAP LOCATION	"L3" TAP LENGTH	ROTATION ON DUCT

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INSTRUCTIONS:

Fitting: **45° Reducing Wye**

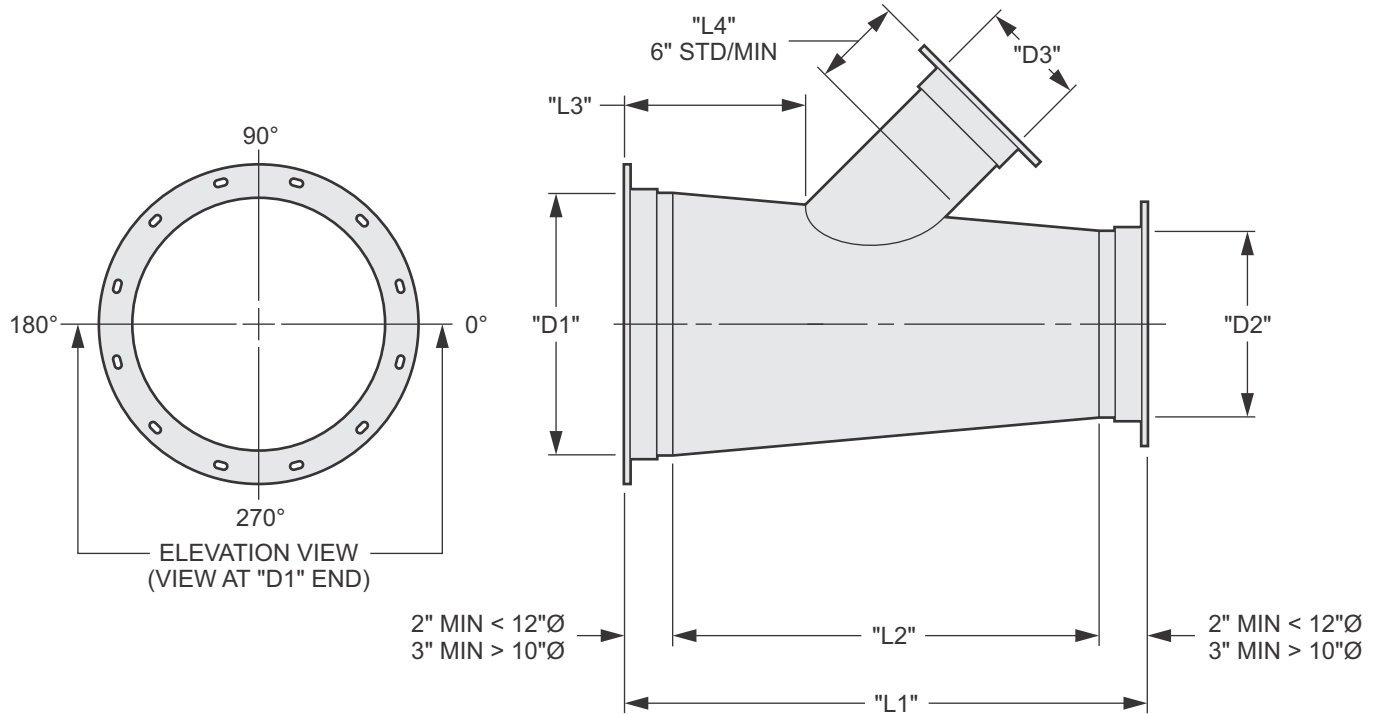
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



TAP NUMBER	QTY	"D1" DUCT DIA.	"D1" RING TYPE	"D2" DUCT DIA.	"D2" RING TYPE	"L1" DUCT LENGTH	"L2" REDUCER LENGTH	"D3" DUCT DIA.	"D3" RING TYPE	"L3" TAP LOCATION	"L4" TAP LENGTH

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:

Fitting: **45° Reducing Wye with Multiple Taps**

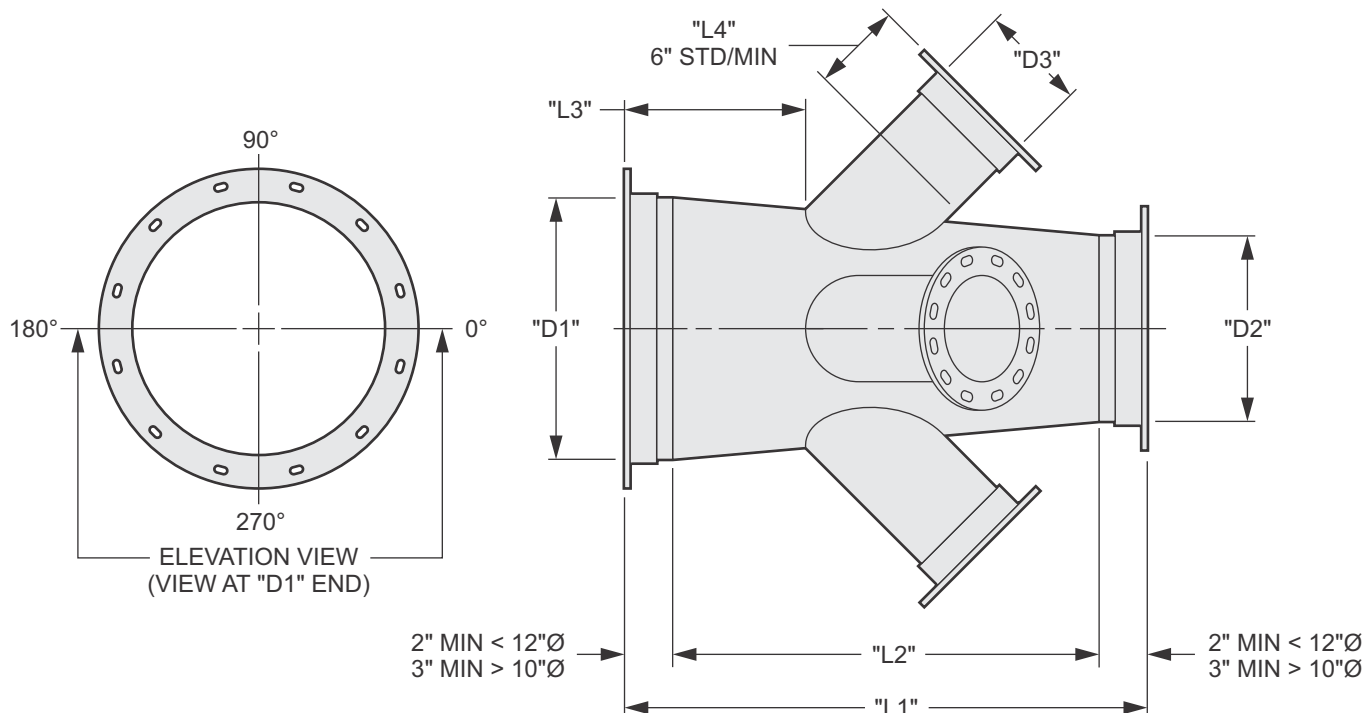
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

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Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



FITTING NUMBER	QTY	"D1" DUCT DIA.	"D1" RING TYPE	"D2" DUCT DIA.	"D2" RING TYPE	"L1" DUCT LENGTH	"L2" REDUCER LENGTH	INSTRUCTIONS: (Special plate flange must be specified whether loose or welded)
TAP NUMBER	"D3" TAP DIA.	"D3" RING TYPE	"L3" TAP LOCATION	"L4" TAP LENGTH	ROTATION ON DUCT	INSTRUCTIONS: (Special plate flange must be specified whether loose or welded)		

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Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:

Fitting: **Straight Duct with Tangential Straight Tap**

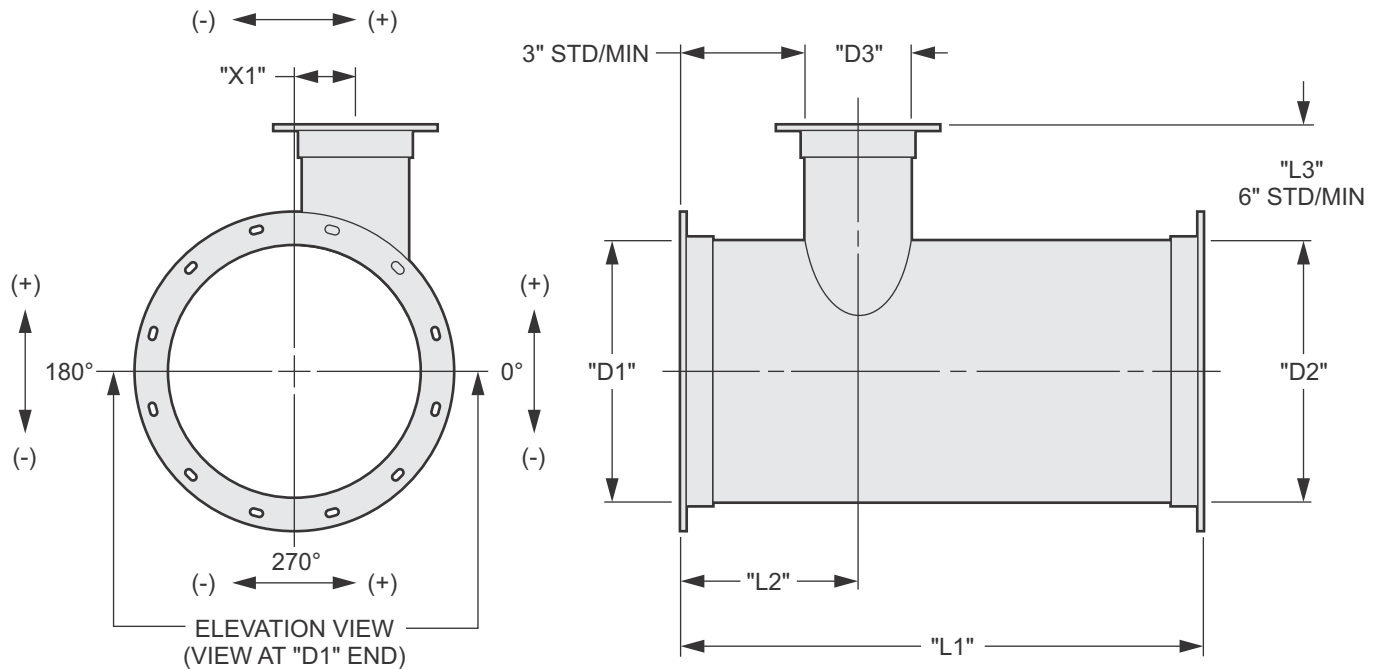
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

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Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



FITTING NUMBER	QTY	"D1" DUCT DIA.	"D1" RING TYPE	"D2" RING TYPE	"L1" DUCT LENGTH	INSTRUCTIONS: (Special plate flange must be specified whether loose or welded)	
TAP NUMBER	"D3" TAP DIA.	"D3" RING TYPE	"L2" TAP LOCATION	"L3" TAP LENGTH	ROTATION ON DUCT	"X1" TANGENTIAL OFFSET	INSTRUCTIONS: (Special plate flange must be specified whether loose or welded)

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Phoenix, AZ 85043
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INSTRUCTIONS:



Fitting: **Straight Duct w/ Tangential 45° Lateral Tap**

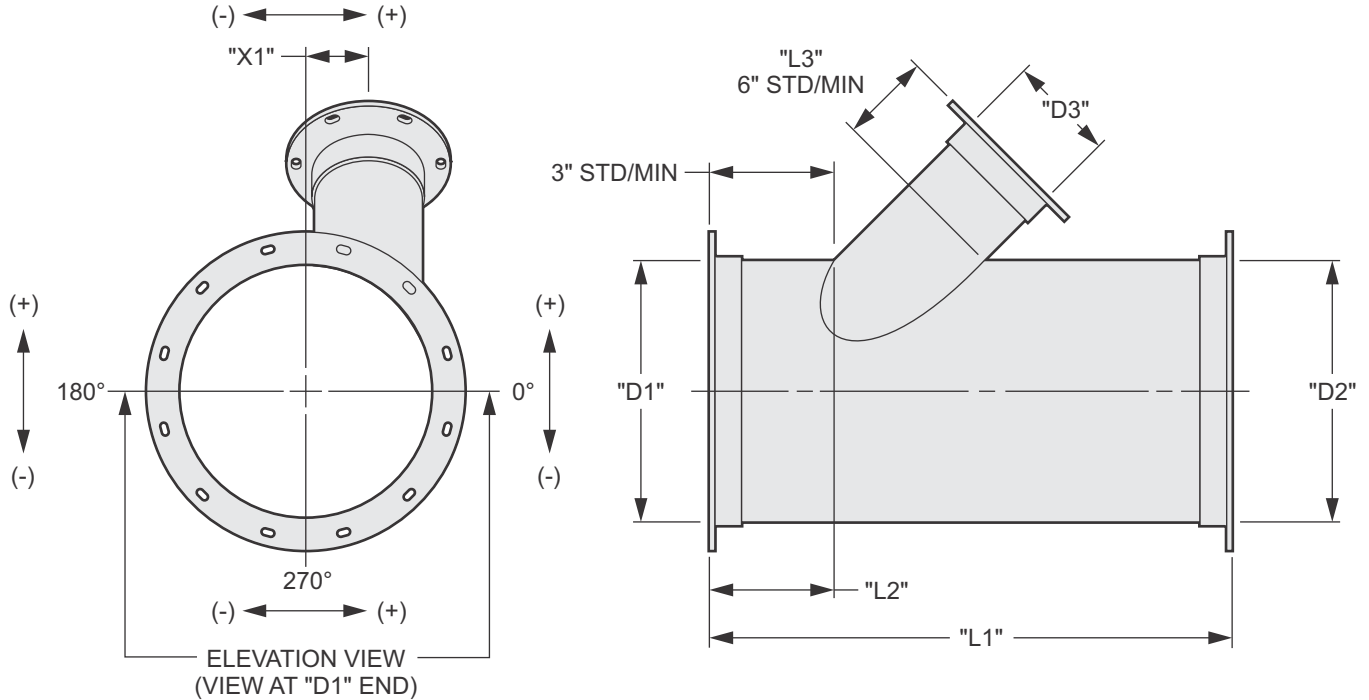
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



FITTING NUMBER	QTY	"D1" DUCT DIA.	"D1" RING TYPE	"D2" RING TYPE	"L1" DUCT LENGTH	INSTRUCTIONS: (Special plate flange must be specified whether loose or welded)	
TAP NUMBER	"D3" TAP DIA.	"D3" RING TYPE	"L2" TAP LOCATION	"L3" TAP LENGTH	ROTATION ON DUCT	"X1" TANGENTIAL OFFSET	INSTRUCTIONS: (Special plate flange must be specified whether loose or welded)

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Phoenix, AZ 85043
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INSTRUCTIONS:

Fitting: **Wye**

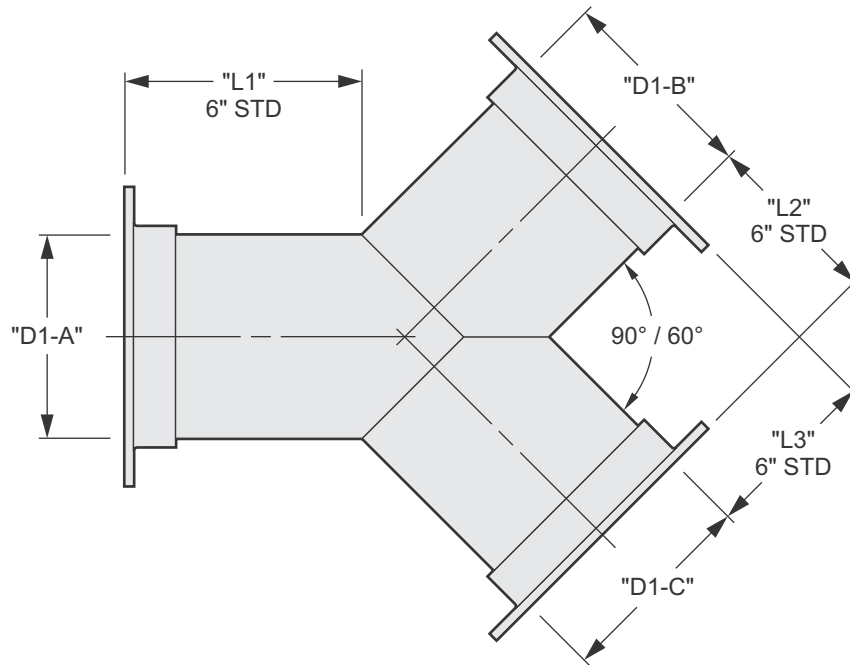
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

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Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



FITTING NUMBER	QTY	"D1" DUCT DIA.	DEGREE 90° / 60°	"D1-A" RING TYPE	"D1-B" RING TYPE	"D1-C" RING TYPE	"L1" THROAT LENGTH	"L2" THROAT LENGTH	"L3" THROAT LENGTH

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Phoenix, AZ 85043
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INSTRUCTIONS:



Fitting: Dimensional Layout for Multiple Tap Styles

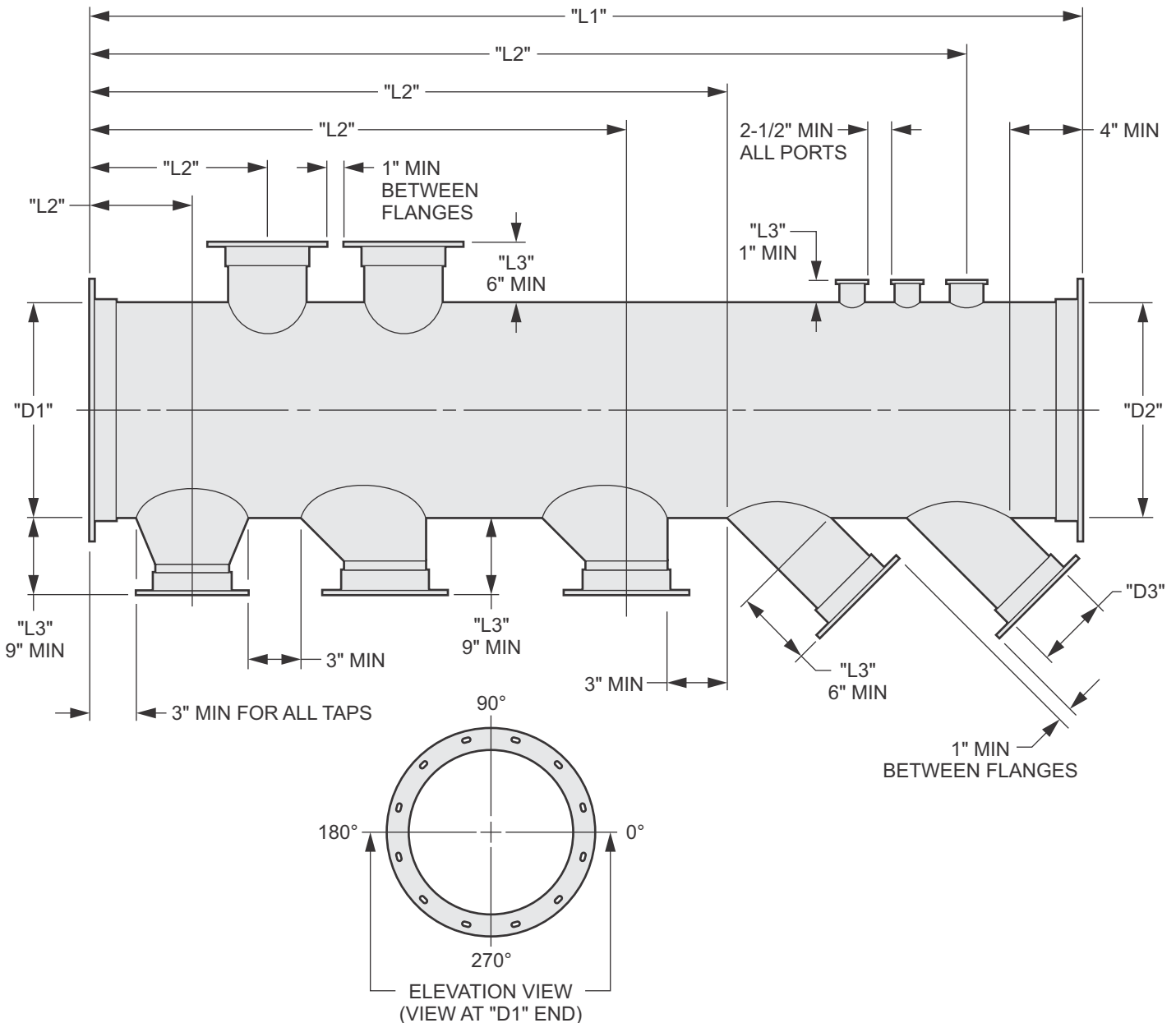
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



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INSTRUCTIONS:

Fitting: **Straight Duct with Multiple Tap Styles**

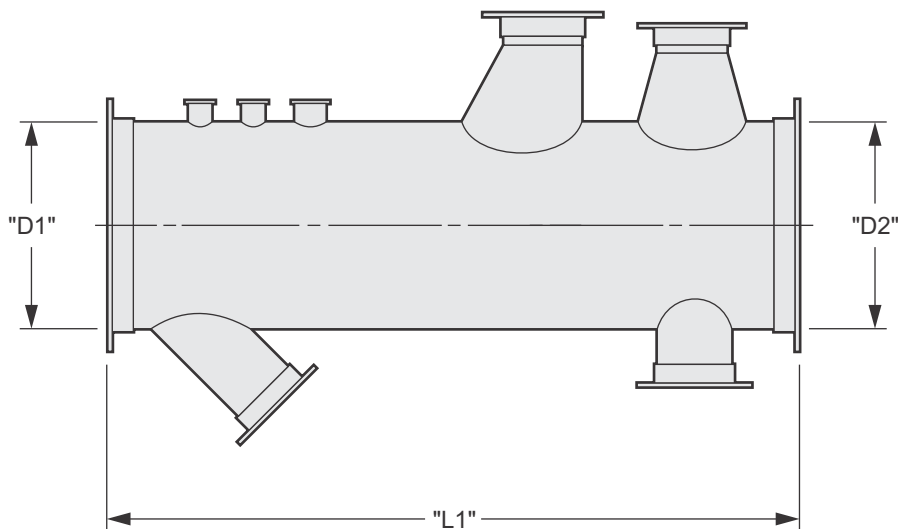
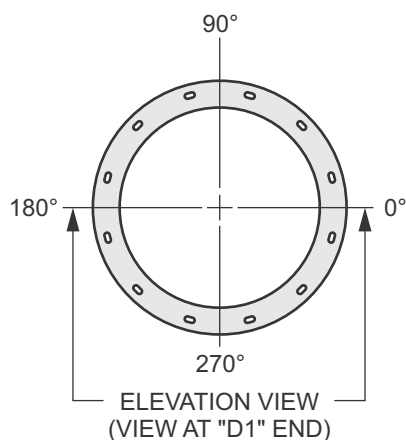
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



FITTING NUMBER	QTY	"D1" DUCT DIA.	"D1" RING TYPE	"D2" RING TYPE	"L1" DUCT LENGTH	INSTRUCTIONS: (Special plate flange must be specified whether loose or welded)	
TAP NUMBER	TAP TYPE	"D3" TAP DIA.	"D3" RING TYPE	"L2" TAP LOCATION	"L3" TAP LENGTH	ROTATION ON DUCT	INSTRUCTIONS: (Special plate flange must be specified whether loose or welded)

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T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:

Fitting: **Custom Fittings**

Conn | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
Ring | **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
Type | **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____

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Phoenix, AZ 85043
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Email: info@pureguard2.com

INSTRUCTIONS:

Fitting: Field Installed Straight Saddle Tap

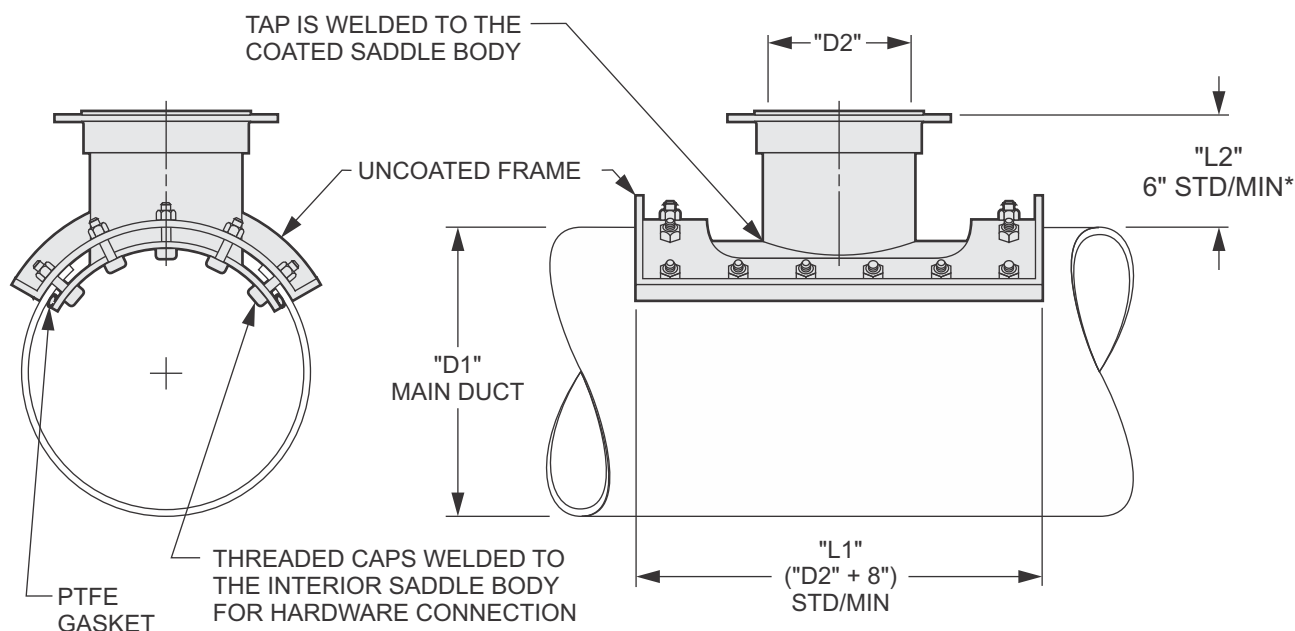
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



SADDLE SPECIFICATIONS: The Main Duct is to be sandwiched between the body and the frame.
* 2" Standard on 2" and 3" diameter taps.

FITTING NUMBER	QTY	"D1" DUCT DIA.	"L1" SADDLE LENGTH	"D2" TAP DIA.	"D2" RING TYPE	"L2" TAP LENGTH	INSTRUCTIONS: (Special plate flange must be specified whether loose or welded)

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INSTRUCTIONS:



Fitting: **Field Installed Conical Saddle Tap**

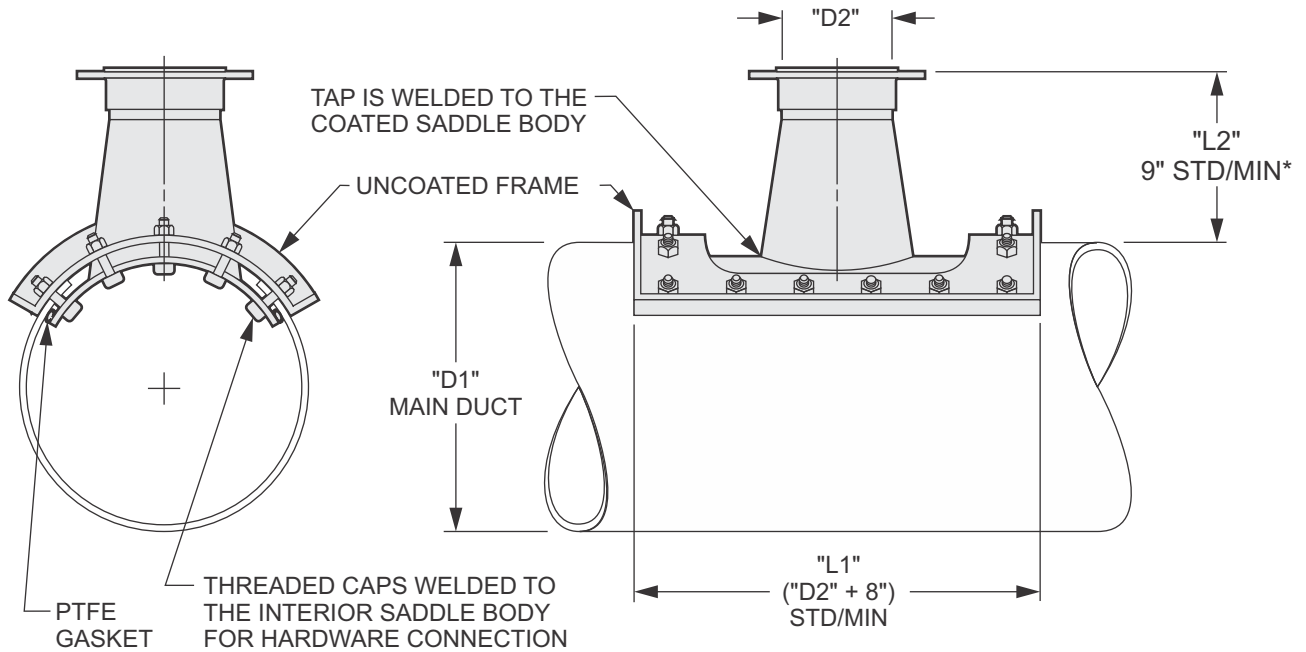
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



SADDLE SPECIFICATIONS: The Main Duct is to be sandwiched between the body and the frame.

FITTING NUMBER	QTY	"D1" DUCT DIA.	"L1" SADDLE LENGTH	"D2" TAP DIA.	"D2" RING TYPE	"L2" TAP LENGTH	INSTRUCTIONS: (Special plate flange must be specified whether loose or welded)

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INSTRUCTIONS:

Fitting: Field Installed Shoe Saddle Tap

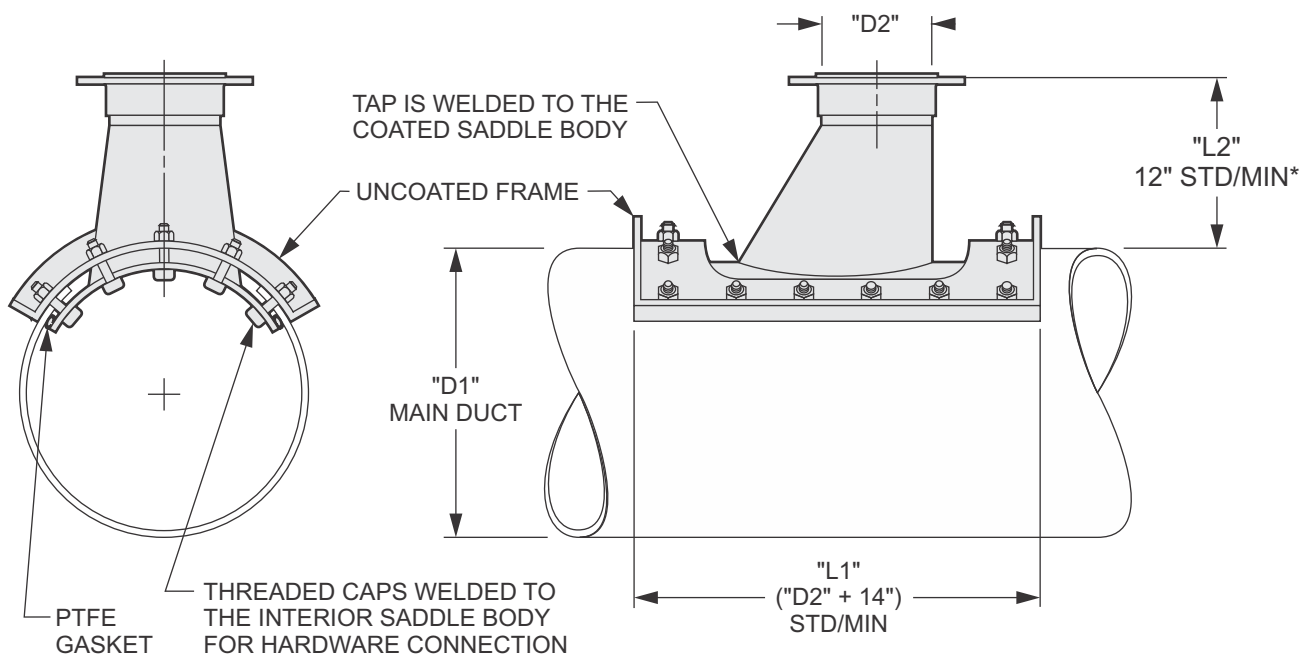
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

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Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



SADDLE SPECIFICATIONS: The Main Duct is to be sandwiched between the body and the frame.

FITTING NUMBER	QTY	"D1" DUCT DIA.	"L1" SADDLE LENGTH	"D2" TAP DIA.	"D2" RING TYPE	"L2" TAP LENGTH	INSTRUCTIONS: (Special plate flange must be specified whether loose or welded)

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INSTRUCTIONS:

Fitting: **Field Installed 45° Lateral Saddle Tap**

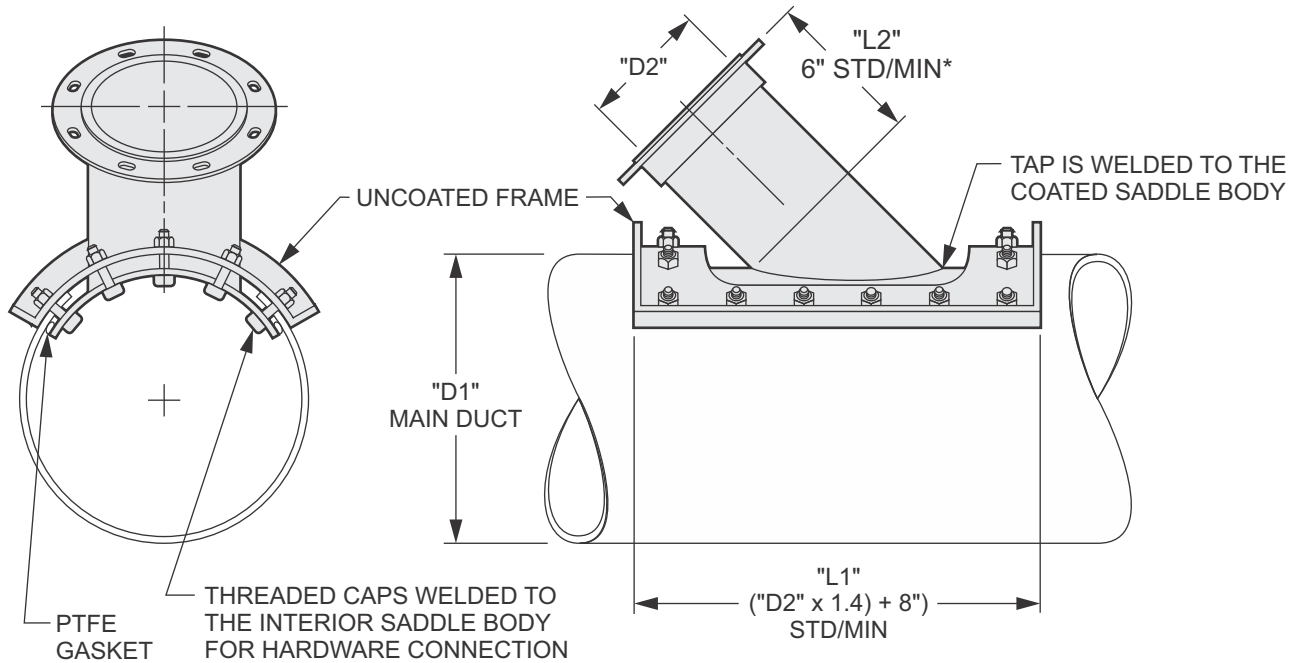
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

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Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



SADDLE SPECIFICATIONS: The Main Duct is to be sandwiched between the body and the frame.

FITTING NUMBER	QTY	"D1" DUCT DIA.	"L1" SADDLE LENGTH	"D2" TAP DIA.	"D2" RING TYPE	"L2" TAP LENGTH	INSTRUCTIONS: (Special plate flange must be specified whether loose or welded)

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Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:

Fitting: Field Installed 2" & 3" QC Flange

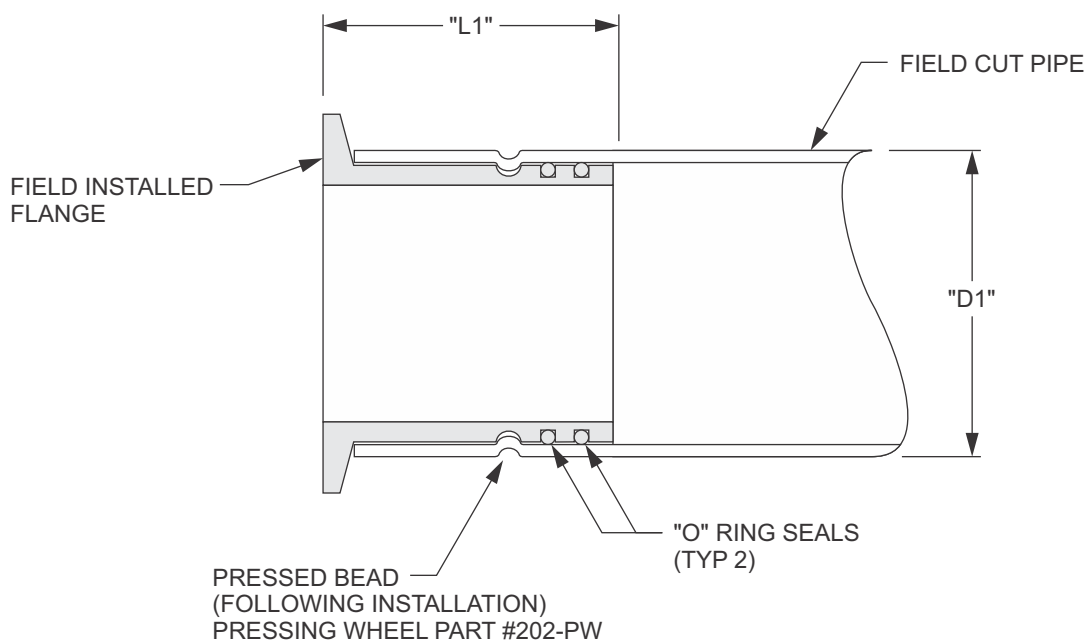
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

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Standard design is +/-6" w.c. per SMACNA Industrial Standard unless otherwise noted here: _____



FLANGE SPECIFICATIONS: Field installed flanges are only used on 2" and 3" diameter duct.

FITTING NUMBER	QTY	"D1" (2" or 3")	"L1"	INSTRUCTIONS:
			2"	
			2"	
			2"	
			2"	
			2"	
			2"	
			2"	
			2"	
			2"	

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INSTRUCTIONS:

Fitting: **Field Installed 2" Dia Bulkhead Flange**

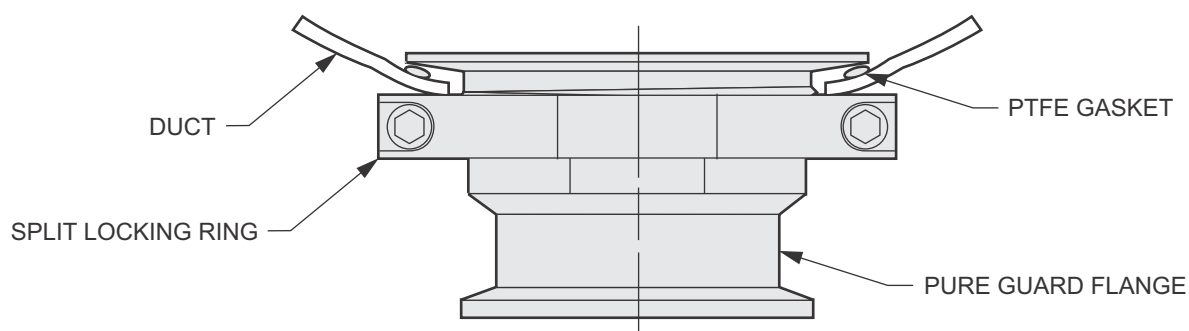
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

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Standard design is +/-6" w.c. per SMACNA Industrial Standard unless otherwise noted here: _____



FITTING NUMBER	QTY	INSTRUCTIONS:

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Phoenix, AZ 85043
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Email: info@pureguard2.com

INSTRUCTIONS:

Fitting: **Field Installed MNPT Nipple**

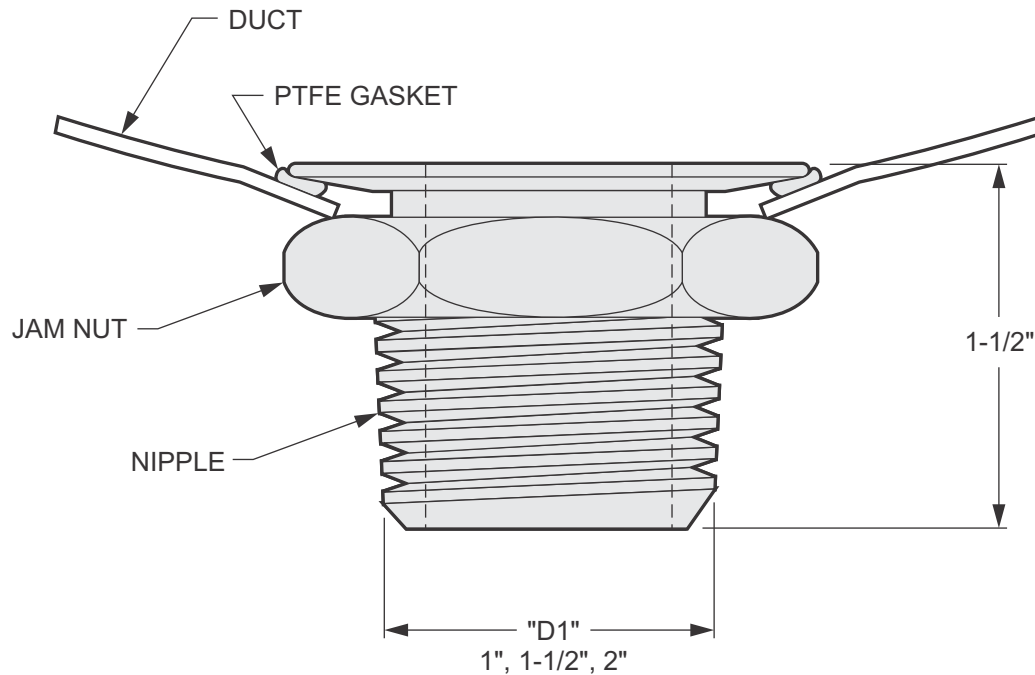
Conn | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
Ring | **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
Type | **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

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Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



FITTING NUMBER	QTY	"D1" NOMINAL DIA.	INSTRUCTIONS:

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Phoenix, AZ 85043
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Email: info@pureguard2.com

Fitting: Field Installed Sample Ports

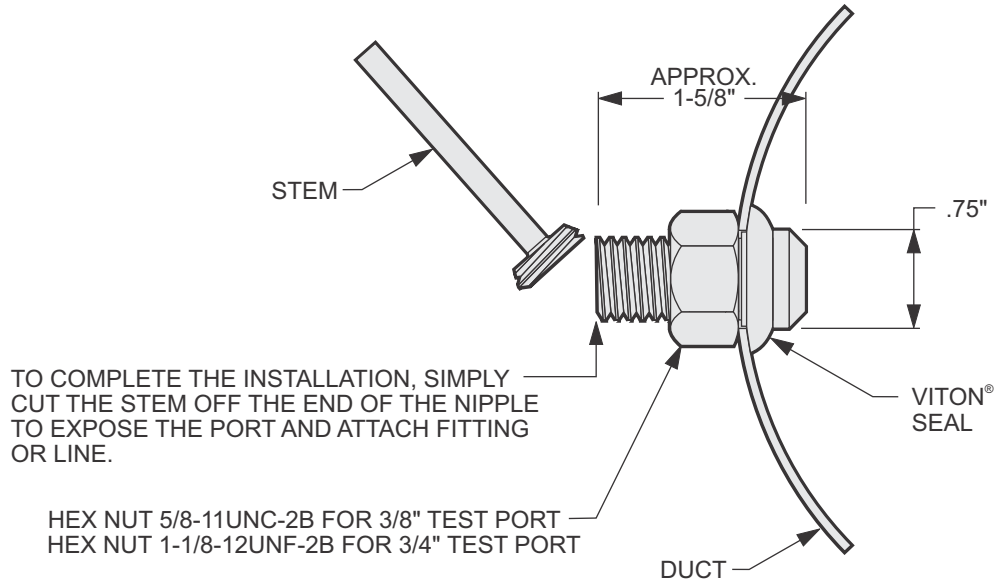
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



FITTING NUMBER	QTY	PORT SIZE 3/8"- 3/4"	INSTRUCTIONS:

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Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:

Fitting: **Angle Rings**

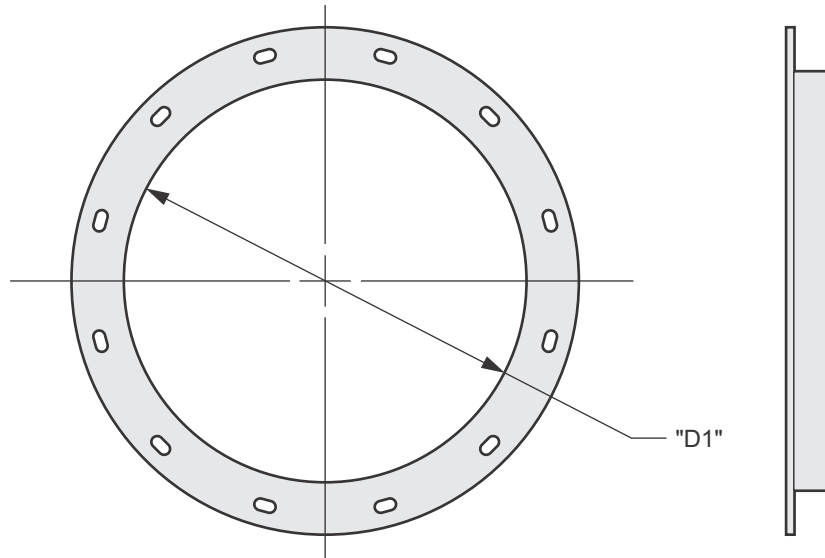
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA Industrial Standard unless otherwise noted here: _____



FITTING NUMBER	QTY	"D1" NOMINAL DIA	INSTRUCTIONS:

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Phoenix, AZ 85043
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Email: info@pureguard2.com

INSTRUCTIONS:

Fitting: **Quick Clamp**

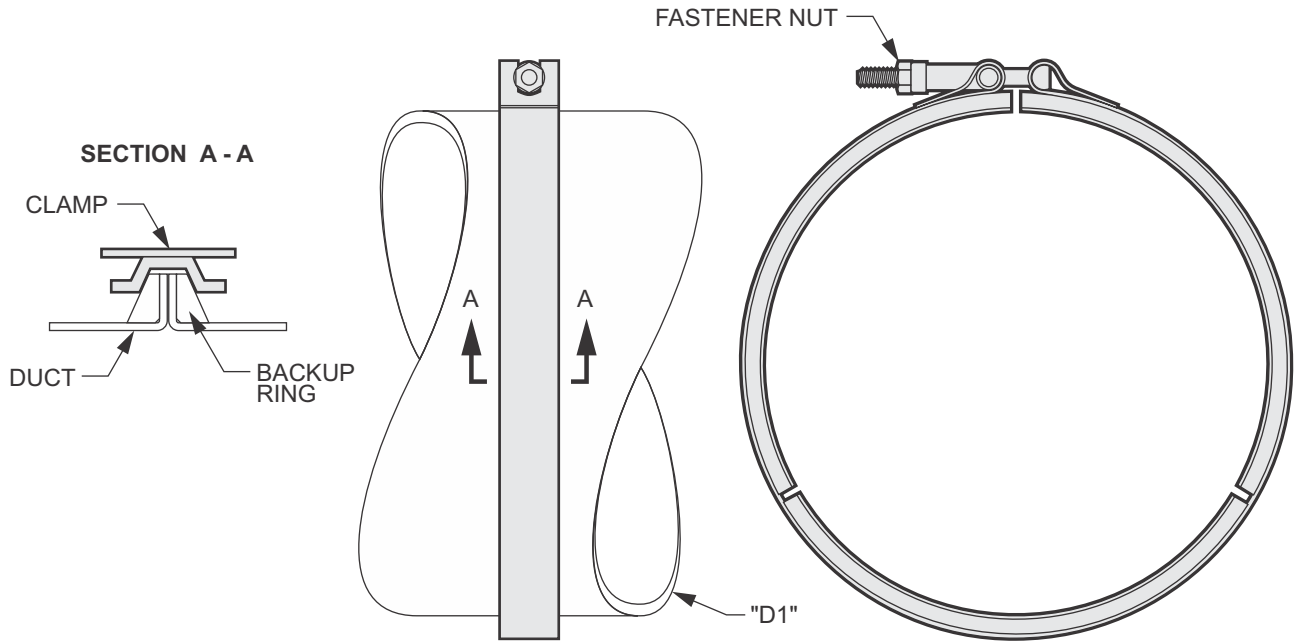
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



CLAMP SPECIFICATIONS: Ships standard with PTFE gasket and two (2) floating backing rings, for sizes 4" - 14" diameter.

FITTING NUMBER	QTY	"D1" NOMINAL DIA	INSTRUCTIONS:

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Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:

Fitting: **End Cap**

Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

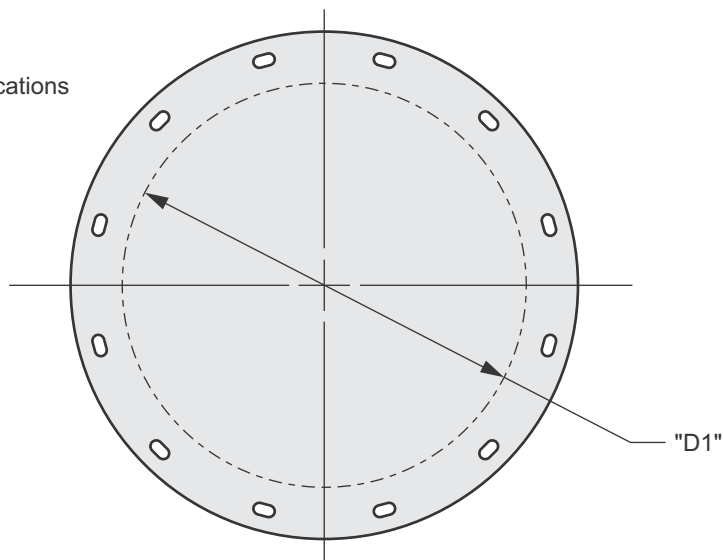
Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____

Refer to Angle Ring Specifications
Page 1-5 for more details.



END CAP SPECIFICATIONS: A support stiffener may be required for end cap sizes over 36" diameter.

FITTING NUMBER	QTY	"D1" DUCT DIA	INSTRUCTIONS:

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Email: info@pureguard2.com

INSTRUCTIONS:

Fitting: **Clear View Cover**

Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

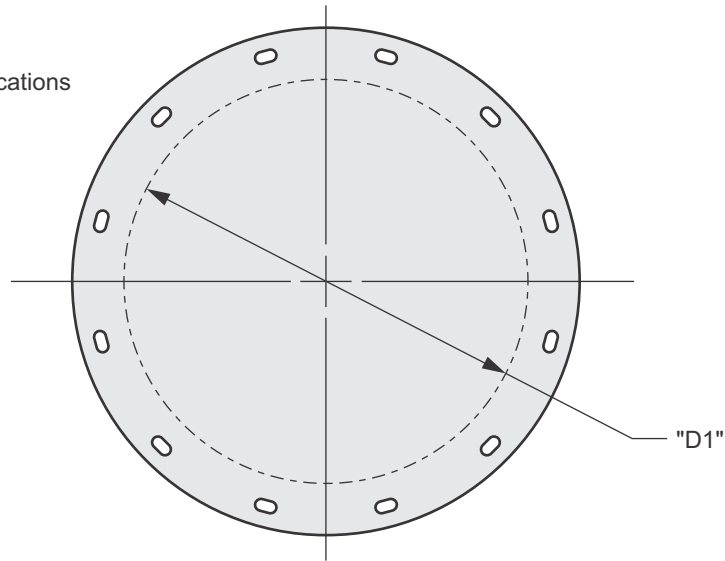
Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____

Refer to Angle Ring Specifications
Page 1-5 for more details.



FITTING NUMBER	QTY	GAUGE SIZE	"D1" DUCT DIA.	INSTRUCTIONS:

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Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:

Fitting: **End Cap for Quick Clamp**

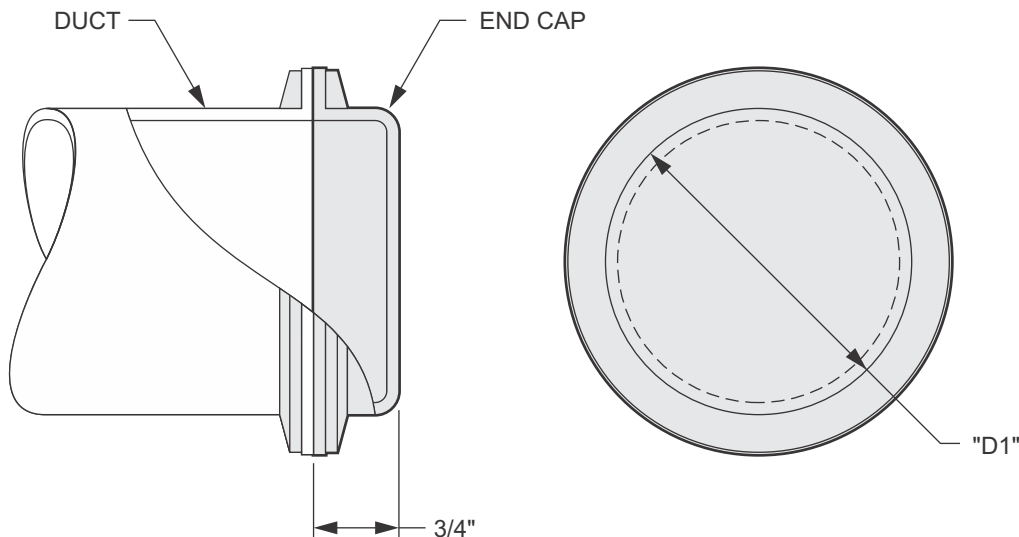
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA Industrial Standard unless otherwise noted here: _____



CLAMP SPECIFICATIONS: End cap sizes for 4" - 14" diameter.

FITTING NUMBER	QTY	"D1" DUCT DIA. 4" - 14"	INSTRUCTIONS:

PureGuard LLC
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Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:

Fitting: **Special Plate Flange**

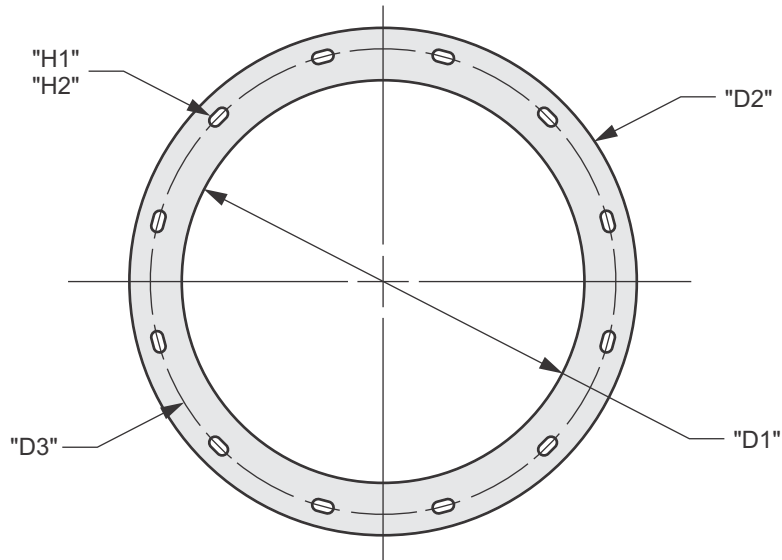
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



FITTING NUMBER	QTY	"D1" INSIDE DIA.	"D2" OUTSIDE DIA.	"D3" BOLT CIRCLE	"H1" HOLE SIZE	"H2" HOLE QTY	GAUGE THICKNESS	RING TYPE BI / SS

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:

Fitting: **No Loss Stack Cap**

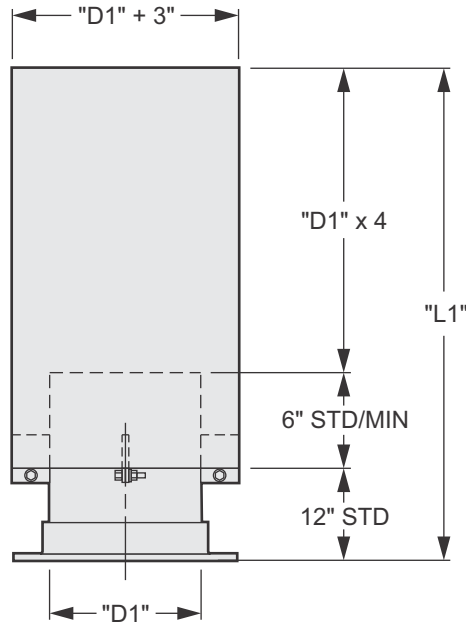
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA Industrial Standard unless otherwise noted here: _____



FITTING NUMBER	QTY	"D1" DUCT DIA.	"L1" OVERALL LENGTH	INSTRUCTIONS

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:

Fitting: QC Flange to Angle Ring Adapter

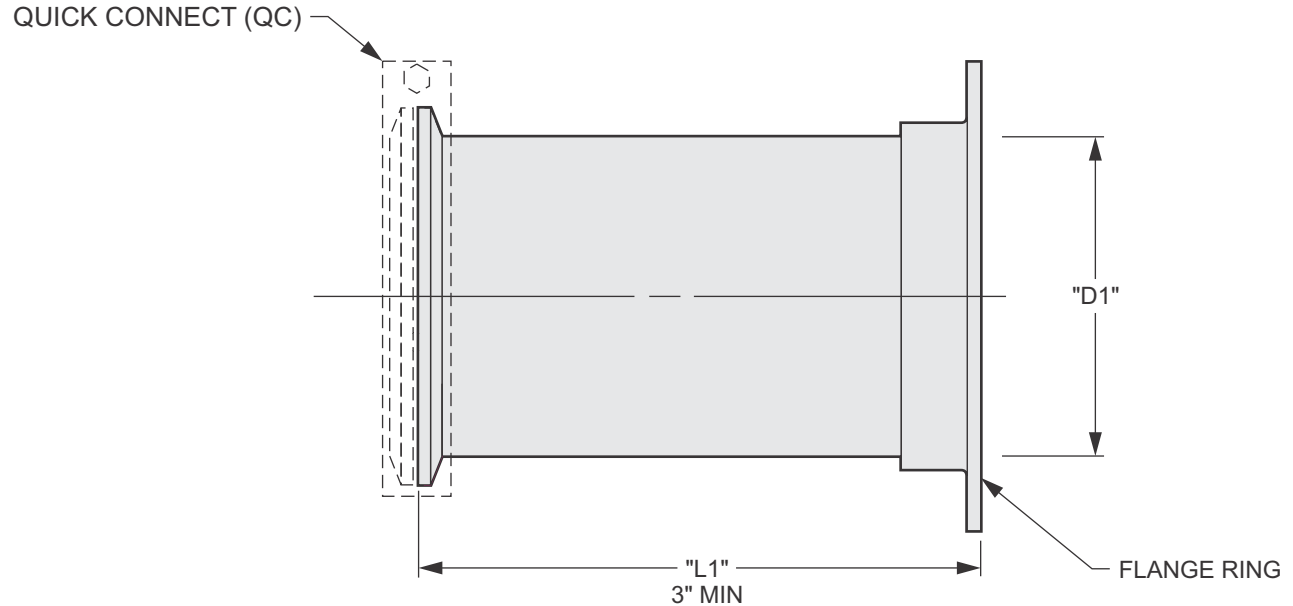
Conn | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
Ring | **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
Type | **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



ADAPTER SPECIFICATIONS: Adapter sizes available for 2" - 14" diameter duct.

FITTING NUMBER	QTY	"D1" DUCT DIA.	FLANGE RING	"L1" DUCT LENGTH	INSTRUCTIONS (Special plate flanges must be specified whether loose or welded.)

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:

Fitting: **QC Flange to KF Flange Adapter**

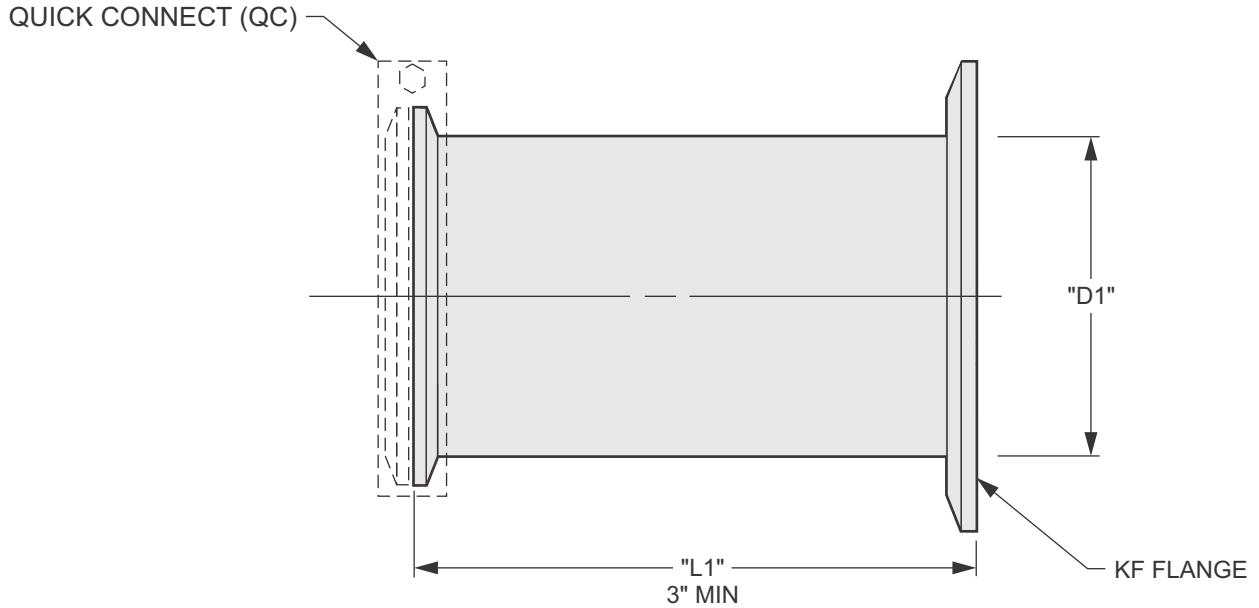
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



ADAPTER SPECIFICATIONS: Adapter sizes available for 1" - 3" diameter duct.

FITTING NUMBER	QTY	"D1" DUCT DIA.	"L1" DUCT LENGTH	INSTRUCTIONS

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:

Fitting: **QC Flange to ISO Flange Adapter**

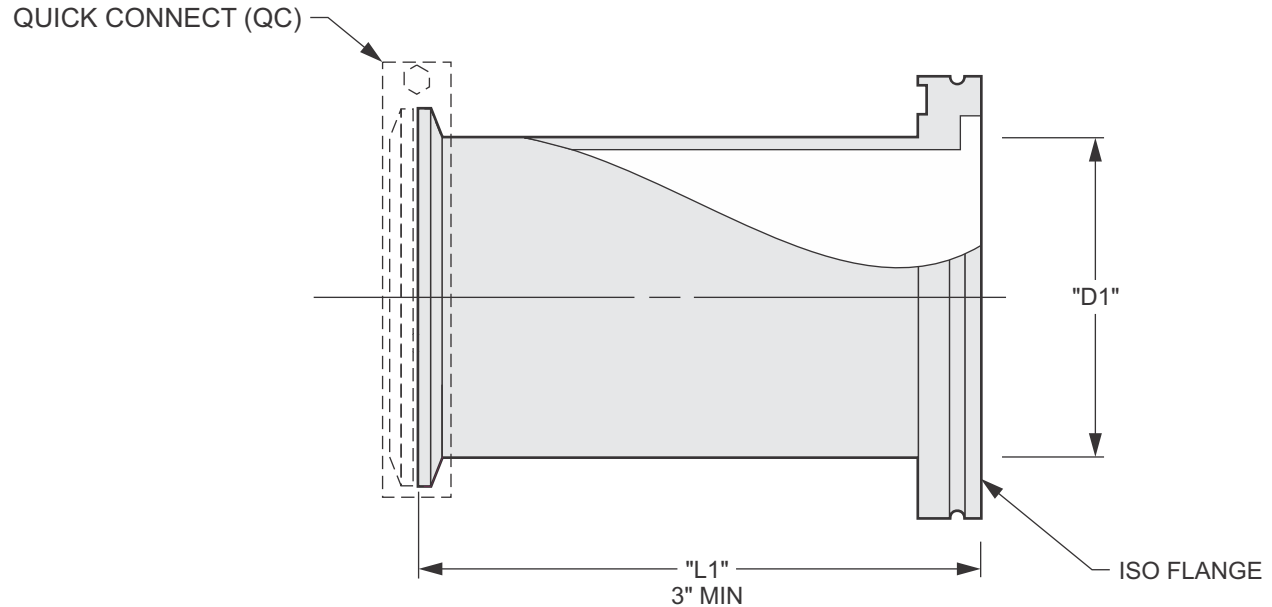
Conn | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
Ring | **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
Type | **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



ADAPTER SPECIFICATIONS: Adapter sizes available for 3" - 4" diameter duct.

FITTING NUMBER	QTY	"D1" DUCT DIA.	"L1" DUCT LENGTH	INSTRUCTIONS

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:

Fitting: **QC Flange to Sanitary Flange Adapter**

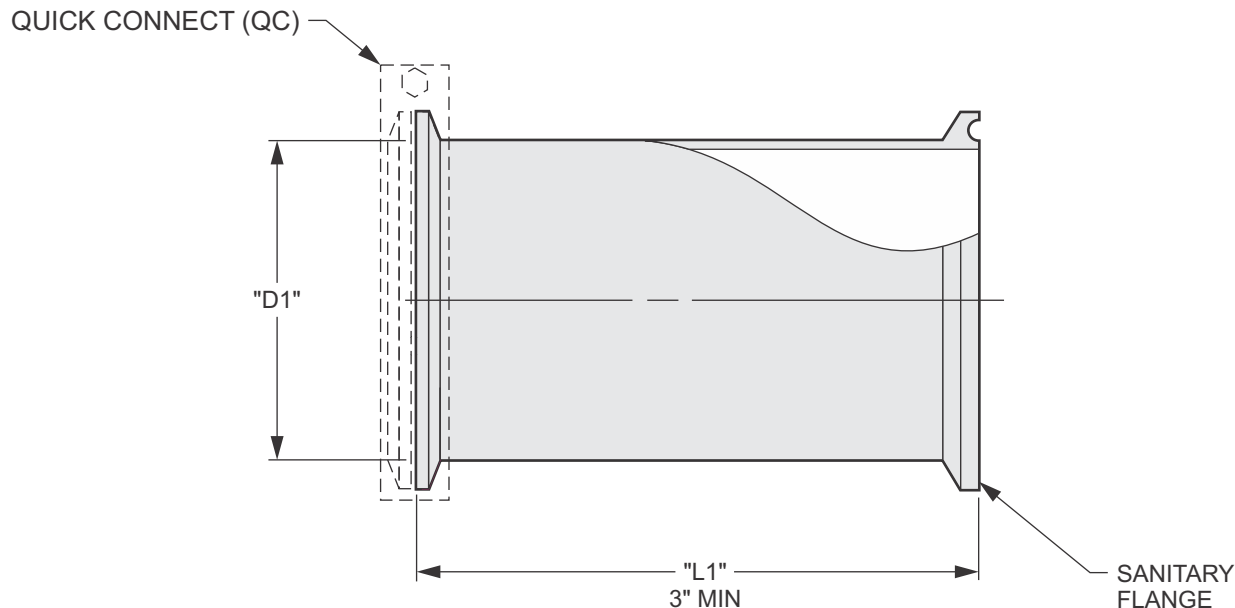
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



ADAPTER SPECIFICATIONS: Adapter sizes available for 2" - 4" diameter duct.

FITTING NUMBER	QTY	"D1" DUCT DIA.	"L1" DUCT LENGTH	INSTRUCTIONS

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:



Fitting: **QC Flange to Male / Female NPT**

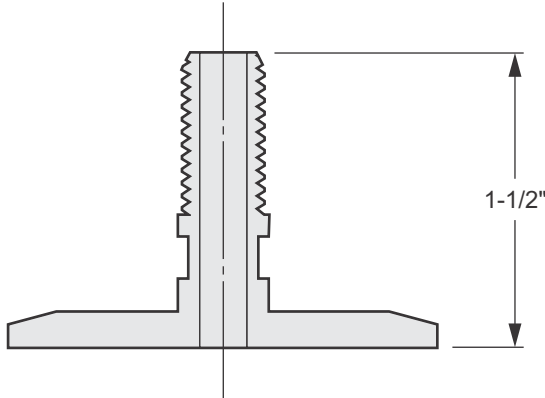
Conn | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
Ring | **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
Type | **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.

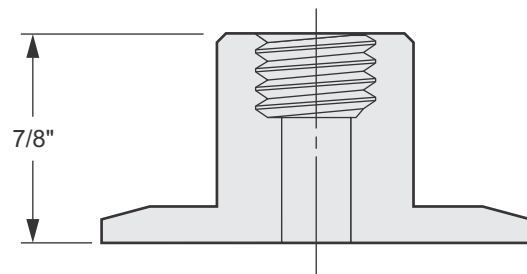


Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



AVAILABLE MALE ADAPTERS (COATED): SS-219

2" QC x 1/4" - 2" MNPT NIPPLE
3" QC x 1/4" - 3" MNPT NIPPLE



AVAILABLE FEMALE ADAPTERS (NON-COATED): SS-220

2" QC x 1/4" - 2" FNPT
3" QC x 1/4" - 3" FNPT

SPECIFICATIONS: Threads are un-coated on nipples and subject to corrosion. Nipples not warranted by Composites USA.

FITTING NUMBER	QTY	QC END DIA.	TYPE MALE / FEMALE	NPT SIZE	INSTRUCTIONS

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:

Fitting: QC Flange to PITOT Tube Adapter

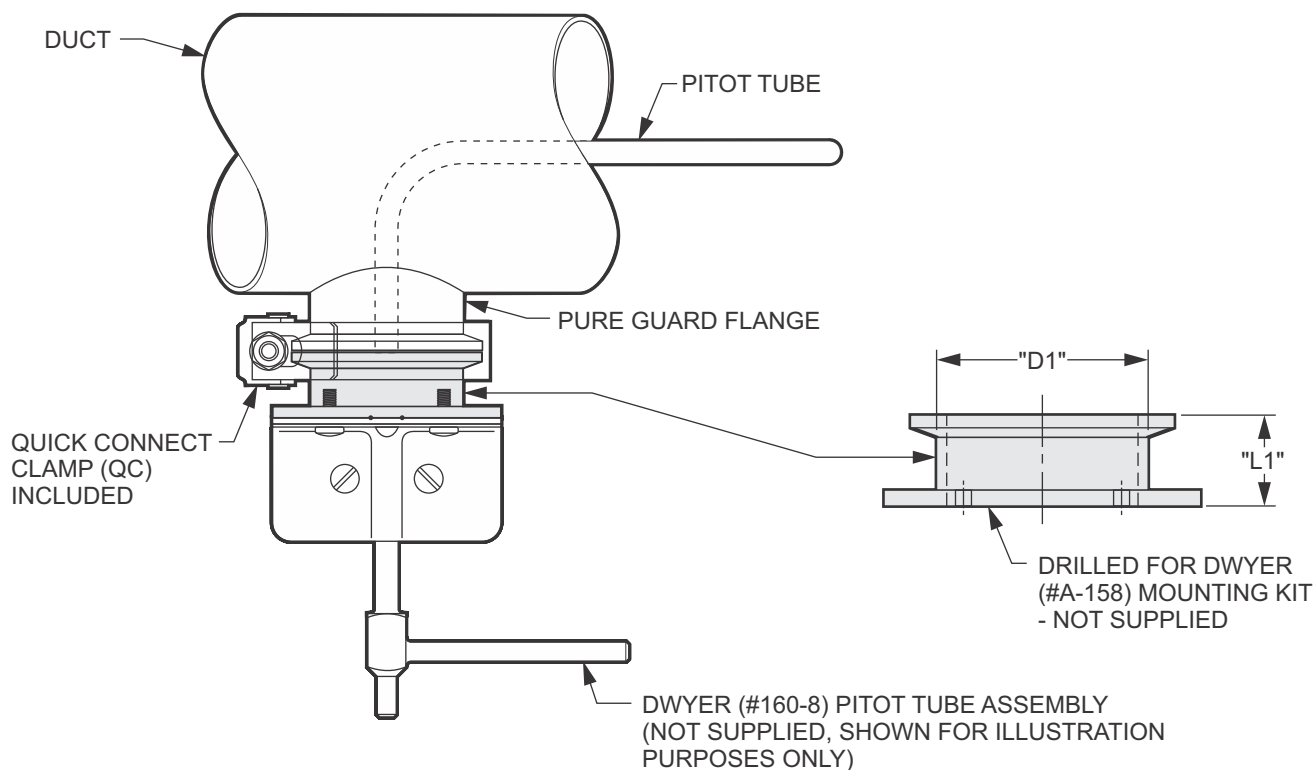
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



PITOT SPECIFICATIONS: Supplied items include clamp & adapter.

FITTING NUMBER	QTY	"D1" 2" / 3"	"L1"	INSTRUCTIONS
			1"	
			1"	
			1"	
			1"	
			1"	
			1"	
			1"	

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1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:

Fitting: **QC Flange to Sprinkler Adapter**

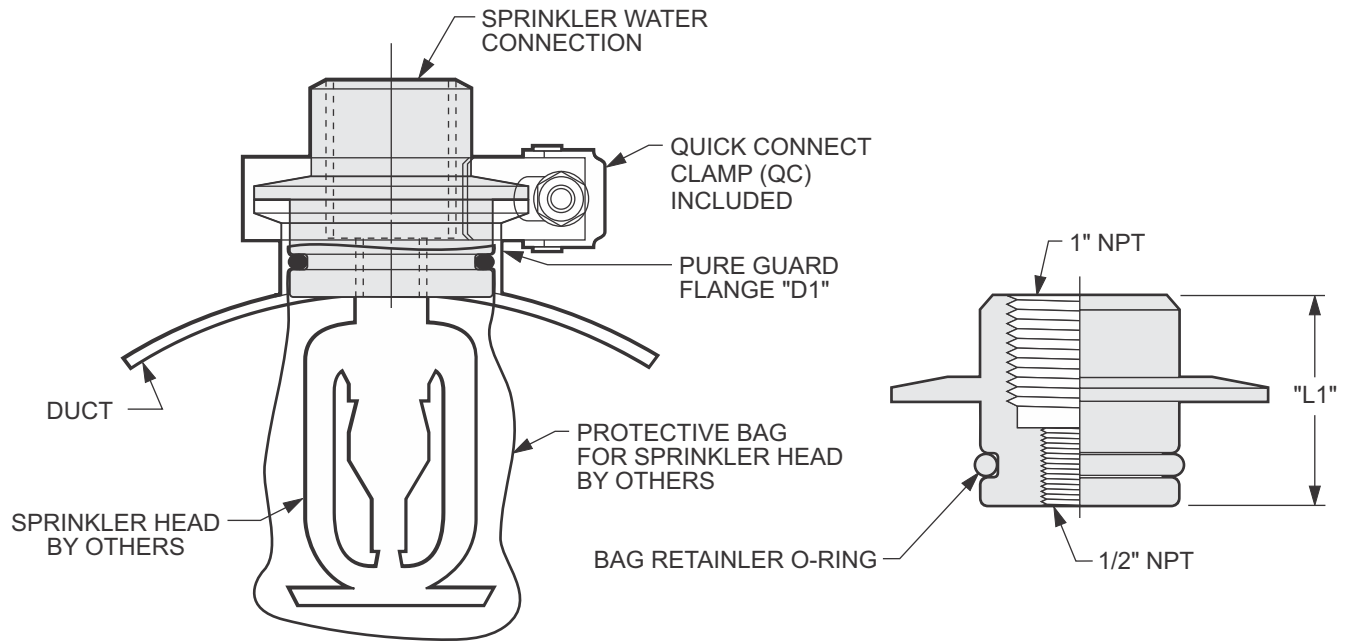
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



SPRINKLER SPECIFICATIONS: Supplied items include clamp, adapter & o-ring.

FITTING NUMBER	QTY	"D1" 2" / 3"	"L1" 1" / 2"	INSTRUCTIONS

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:

Fitting: ISO Flange to Dual Guard Adapter

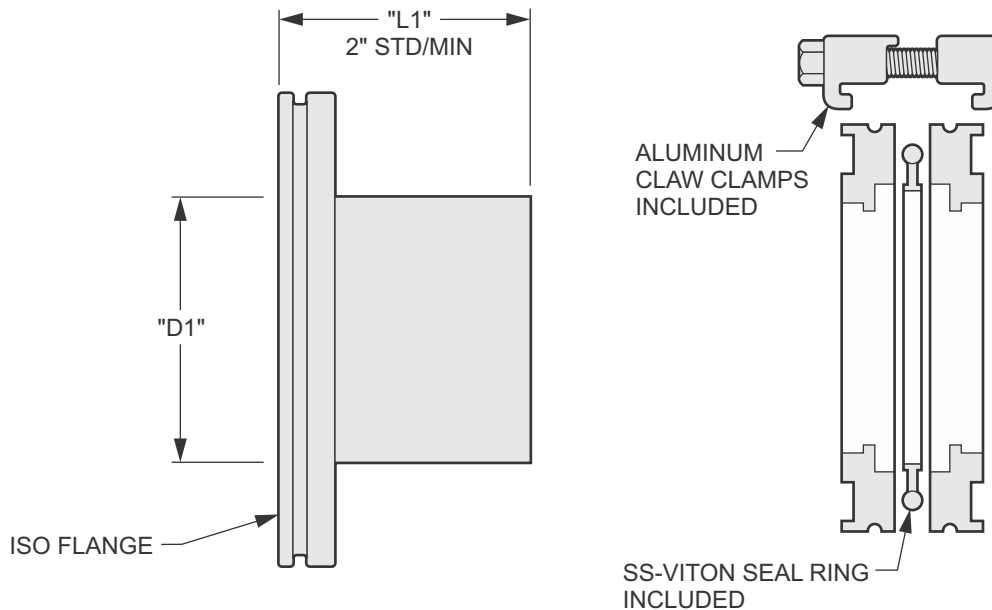
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



ADAPTER SPECIFICATIONS: Adapter sizes available for 3", 4", 6" diameter duct.

FITTING NUMBER	QTY	"D1" DUCT DIA.	"L1" DUCT LENGTH	INSTRUCTIONS

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:

Fitting: KF Flange to Dual Guard Adapter

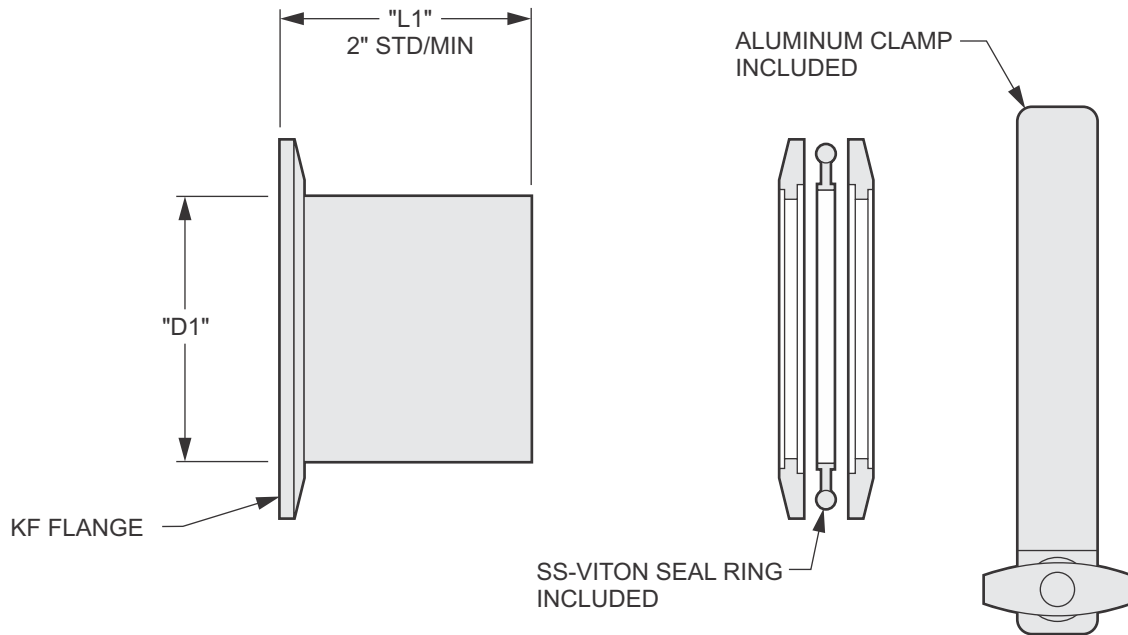
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



ADAPTER SPECIFICATIONS: Adapter sizes available for 2" diameter duct.

FITTING NUMBER	QTY	"D1" DUCT DIA.	"L1" DUCT LENGTH	INSTRUCTIONS
		2"		
		2"		
		2"		
		2"		
		2"		
		2"		
		2"		
		2"		
		2"		

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:

Fitting: **4" - 14" Butterfly Damper**

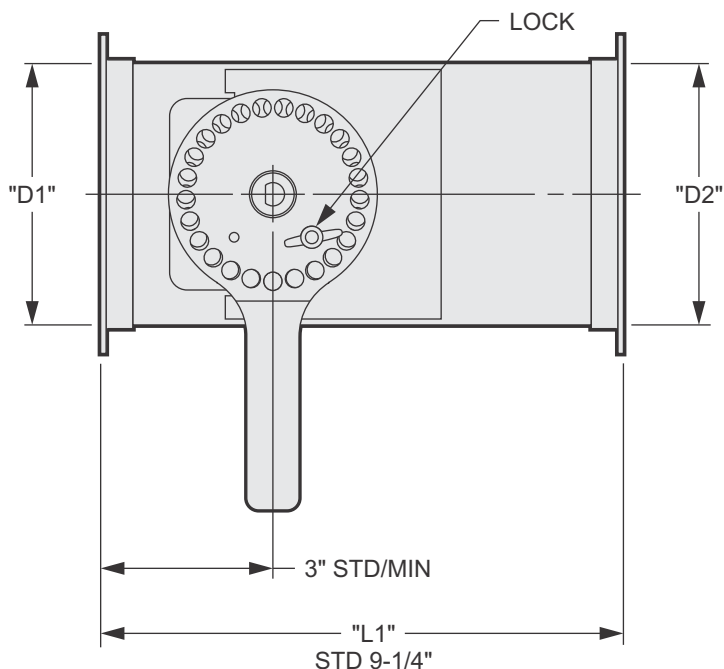
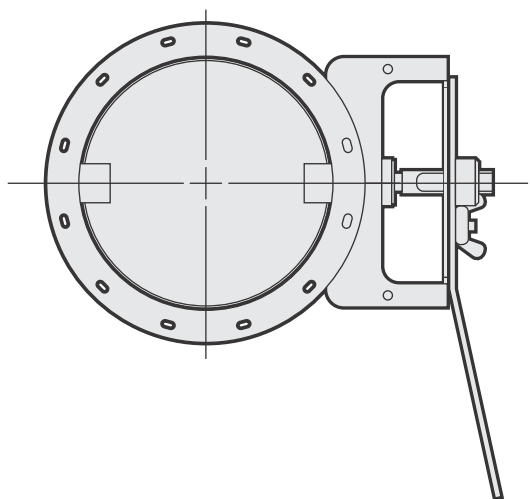
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

| Rings are loose < 32" diameter
| Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA Industrial Standard unless otherwise noted here: _____



DAMPER OPTIONS: ☐ Micro Adjustable Gear Actuator

FITTING NUMBER	QTY	"D1" DUCT DIA.	"D1" RING TYPE	"D2" RING TYPE	"L1" DUCT LENGTH	INSTRUCTIONS (Special plate flanges must be specified whether loose or welded)

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:

Fitting: **4" - 14" Butterfly Damper with Blade Seal**

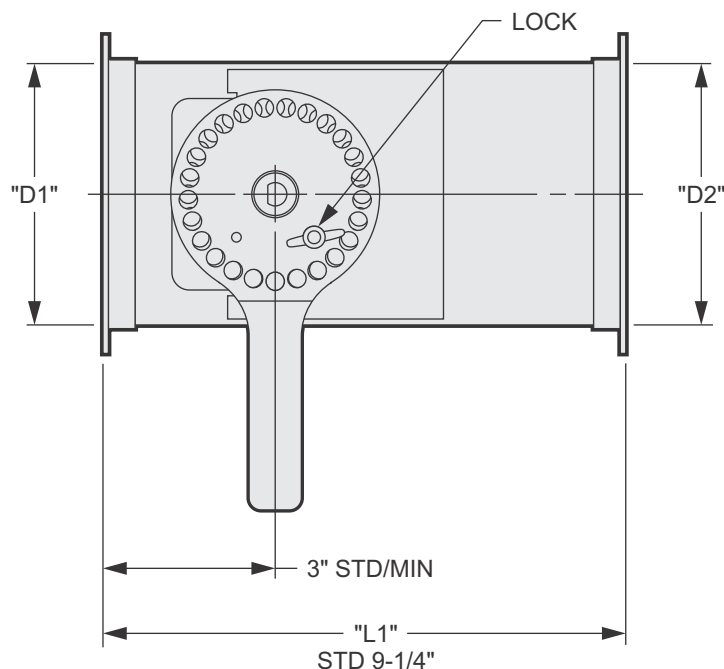
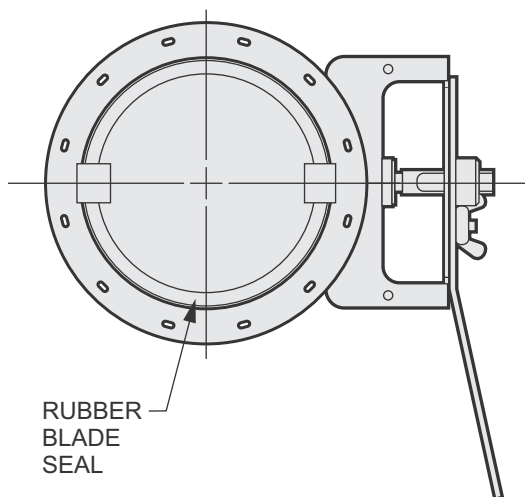
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
BI Black Iron (coated) Rings - Avail 4" - 48"Ø
QC Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



DAMPER OPTIONS: ☐ Micro Adjustable Gear Actuator

FITTING NUMBER	QTY	"D1" DUCT DIA.	"D1" RING TYPE	"D2" RING TYPE	"L1" DUCT LENGTH	INSTRUCTIONS (Special plate flanges must be specified whether loose or welded)

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:

Fitting: **16" - 34" Butterfly Damper00-C**

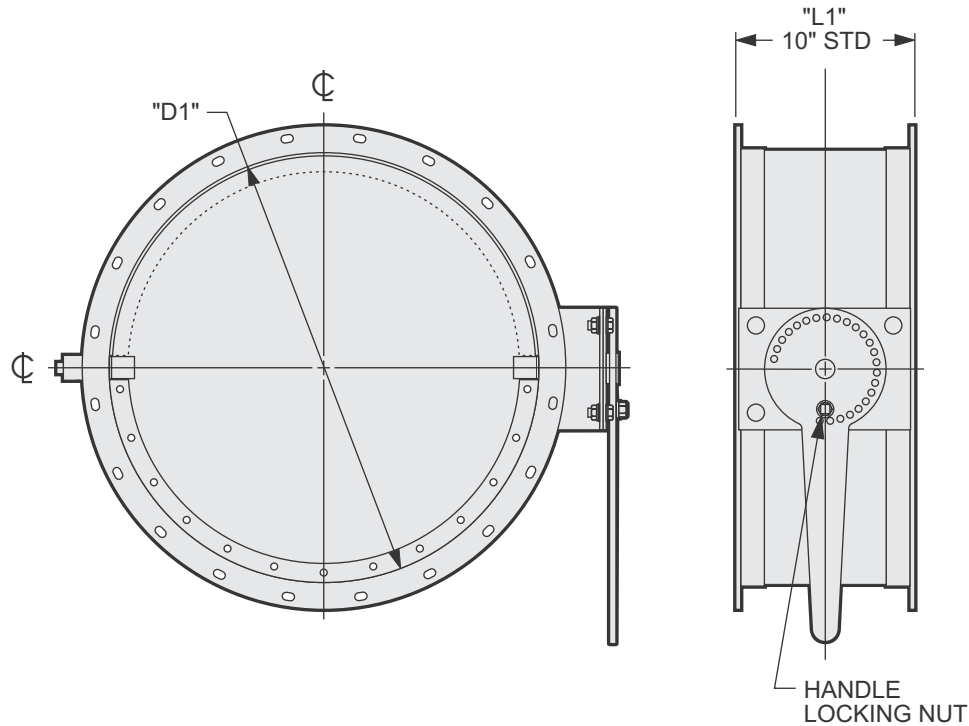
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



DAMPER SPECIFICATIONS: Damper only available with welded stainless steel flange rings. Damper body and blade manufactured with hybrid fluoropolymer coated SS. Stainless steel blade - .25". Stainless steel body - 10GA. Optionally available with a manual handwheel operator, electric or pneumatic actuator.

FITTING NUMBER	QTY	"D1" DUCT DIA.	"L1" DUCT LENGTH	INSTRUCTIONS

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:



Fitting: **36" - 48" Butterfly Damper: SS-300-D**

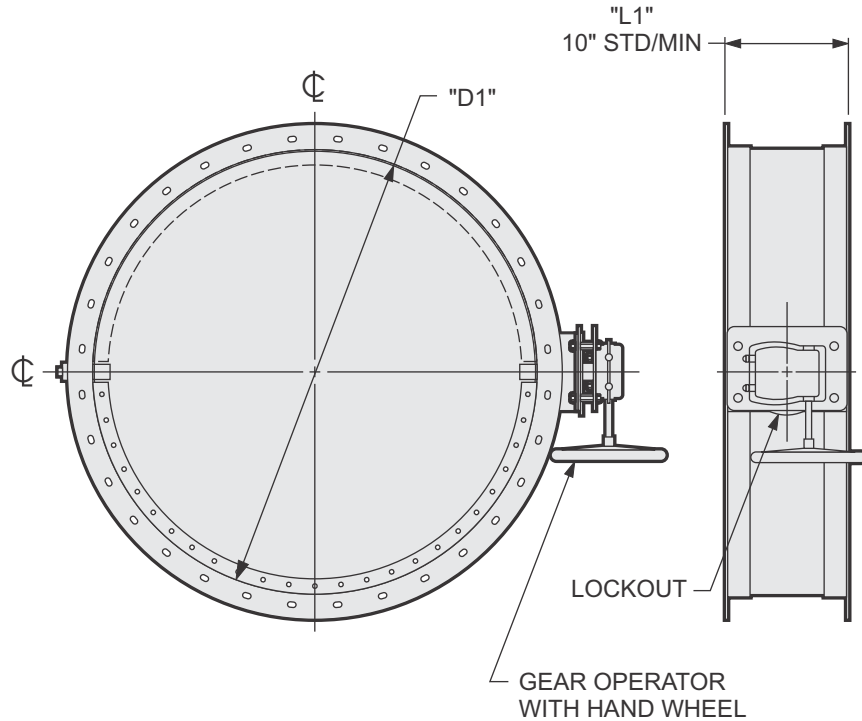
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA Industrial Standard unless otherwise noted here: _____



DAMPER SPECIFICATIONS: Damper only available with welded stainless steel flange rings. Damper body and blade manufactured with hybrid fluoropolymer coated SS. Stainless steel blade - .25". Stainless steel body - 10GA. Optionally available with an electric or pneumatic actuator.

FITTING NUMBER	QTY	"D1" DUCT DIA.	"L1" DUCT LENGTH	INSTRUCTIONS

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:

Fitting: **> 48" Butterfly Damper**

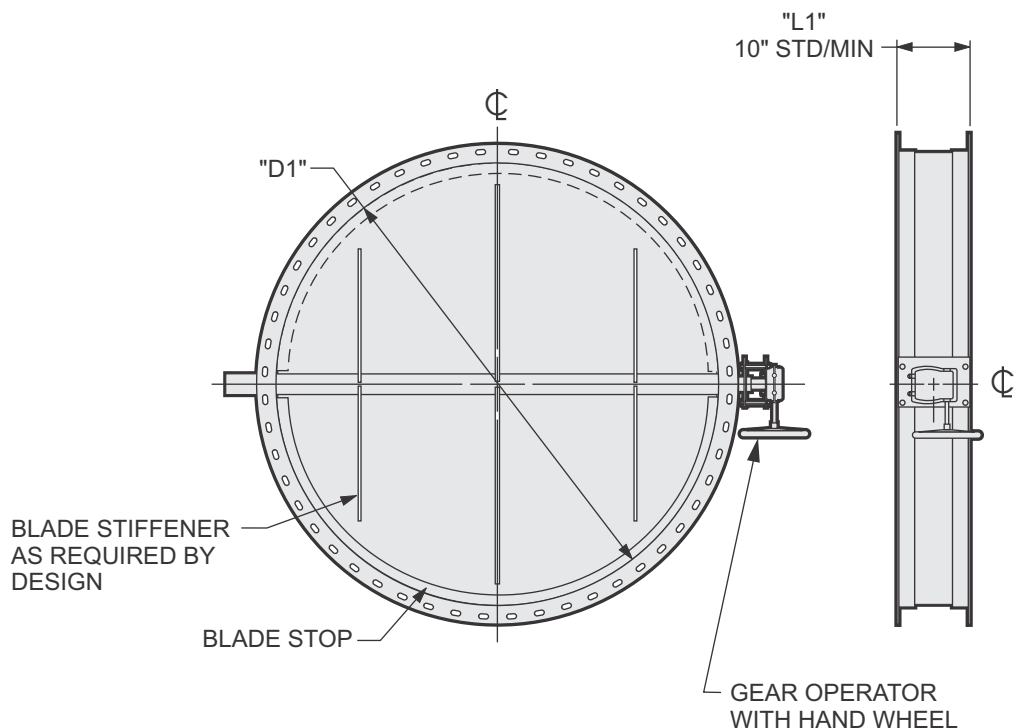
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA Industrial Standard unless otherwise noted here: _____



DAMPER SPECIFICATIONS: Damper only available with welded stainless steel flange rings. Damper body and blade manufactured with hybrid fluoropolymer coated SS. Stainless steel body - .25". Stainless steel blade with stiffening ribs as required - .38". Optionally available with an electric or pneumatic actuator.

FITTING NUMBER	QTY	"D1" DUCT DIA.	"L1" DUCT LENGTH	INSTRUCTIONS

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:

Fitting: **4" - 12" Wafer Damper**

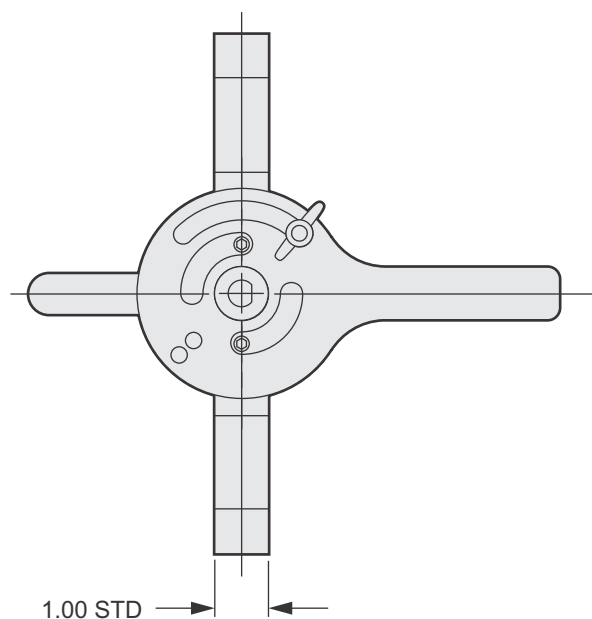
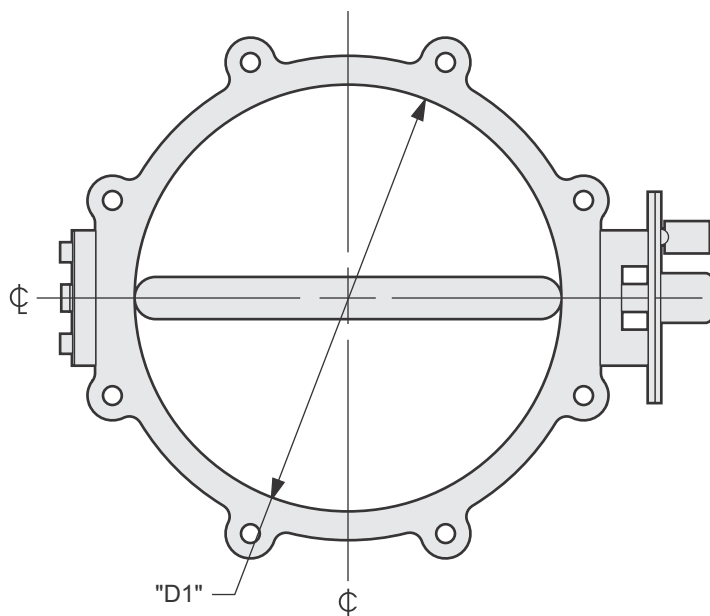
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



WAFER SPECIFICATIONS: Designed to bolt between mating flanges.
Integral blade stop and all fluoropolymer wetted surfaces.

FITTING NUMBER	QTY	"D1" WAVER DIA.	INSTRUCTIONS

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:

Fitting: **4" - 36" Horizontal Run Slide Gate Damper**

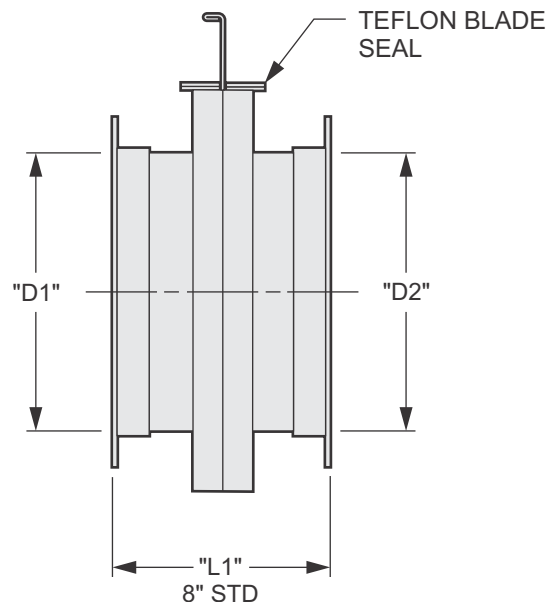
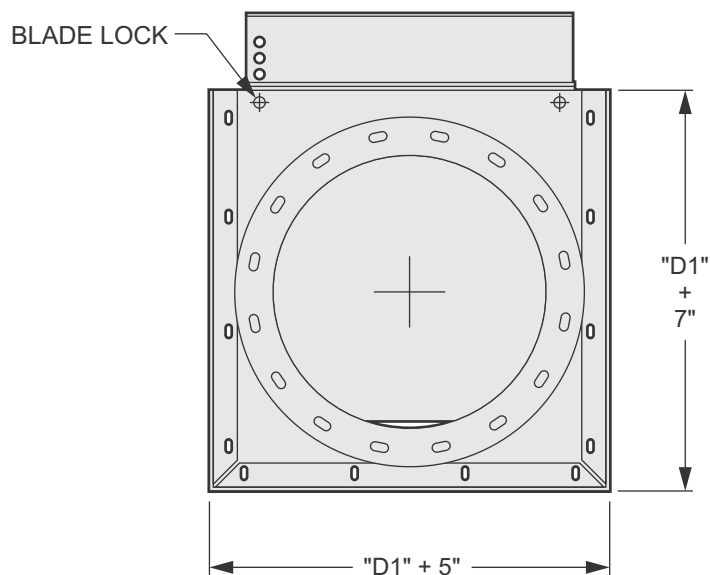
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



FITTING NUMBER	QTY	"D1" DUCT DIA.	"D1" RING TYPE	"D2" RING TYPE	"L1" DUCT LENGTH	INSTRUCTIONS: (Special plate flange must be specified whether loose or welded)

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:

Fitting: **4" - 36" Vertical Run Slide Gate Damper**

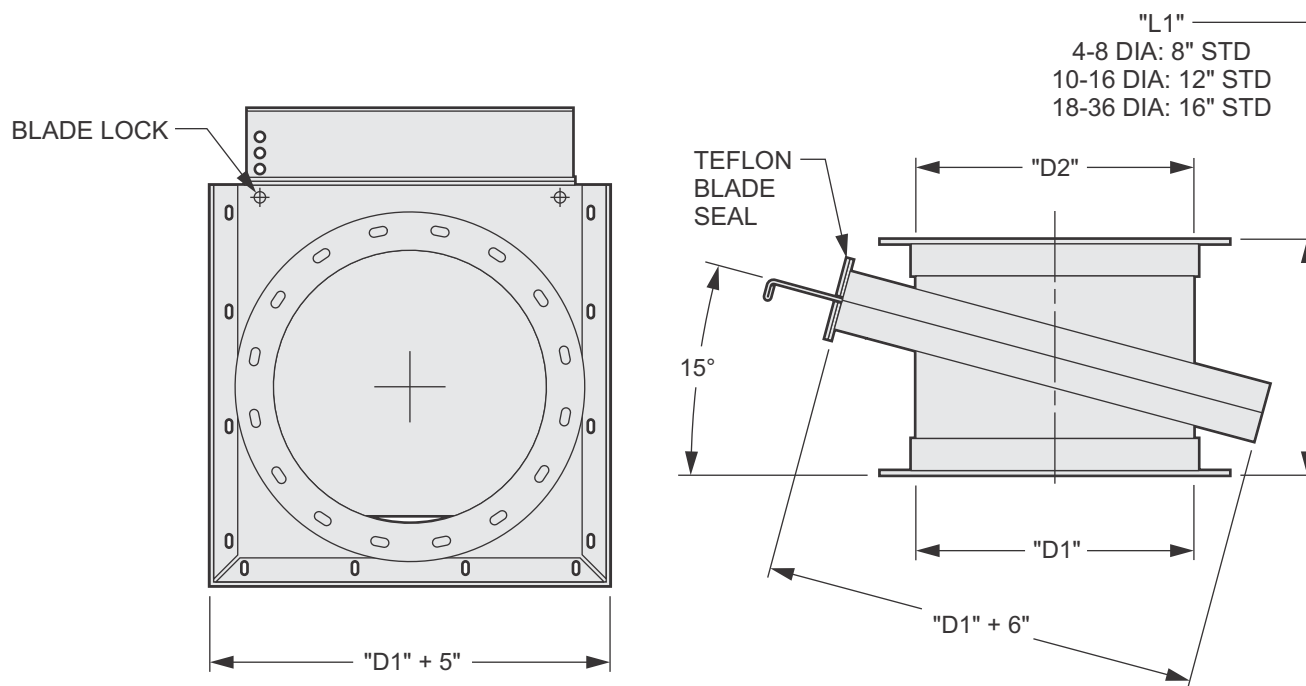
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



FITTING NUMBER	QTY	"D1" DUCT DIA.	"D1" RING TYPE	"D2" RING TYPE	"L1" DUCT LENGTH	INSTRUCTIONS: (Special plate flange must be specified whether loose or welded)

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:

Fitting: **> 36" Horiz. Run Dual Slide Gate Damper**

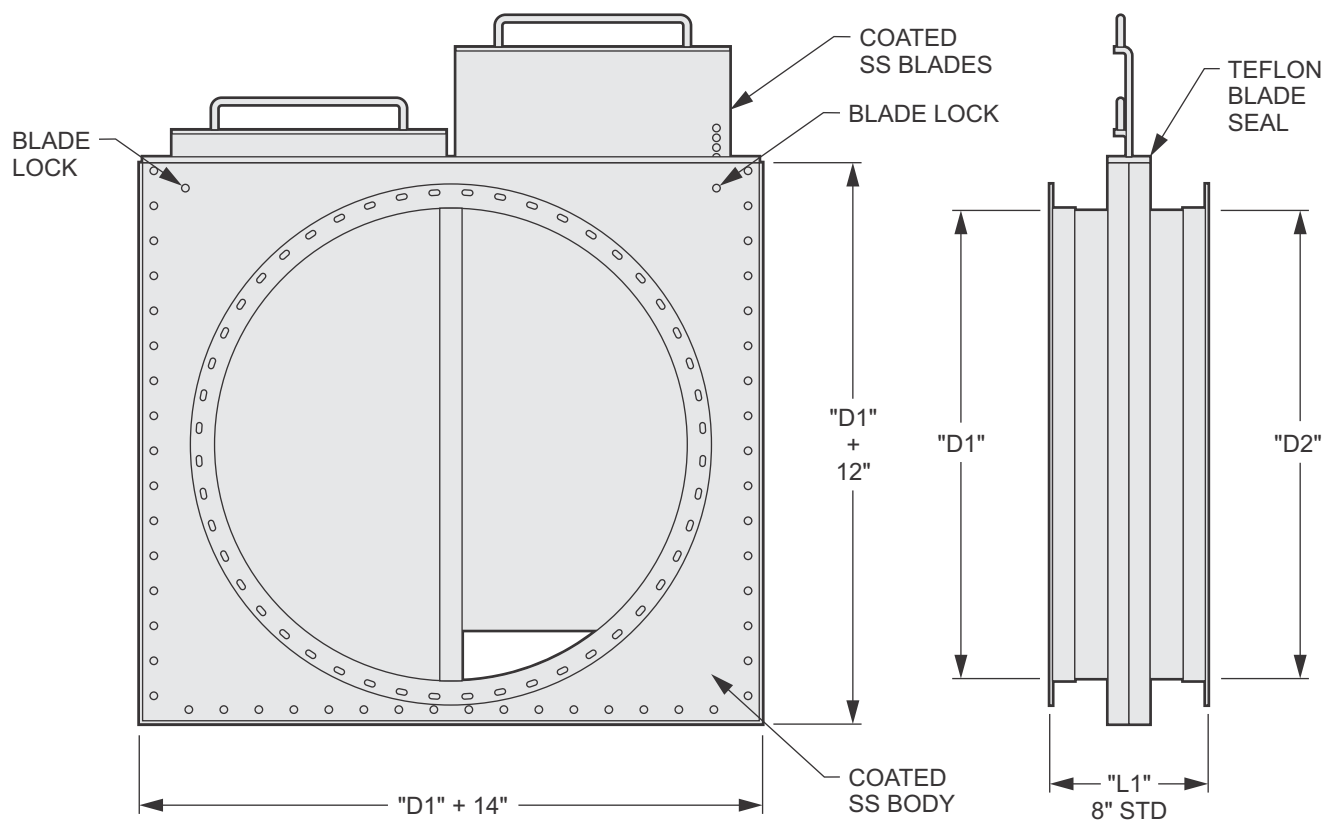
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA Industrial Standard unless otherwise noted here: _____



FITTING NUMBER	QTY	"D1" DUCT DIA.	"D1" RING TYPE	"D2" RING TYPE	"L1" DUCT LENGTH	INSTRUCTIONS: (Special plate flange must be specified whether loose or welded)

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:

Fitting: **> 36" Vertical Run Dual Slide Gate Damper**

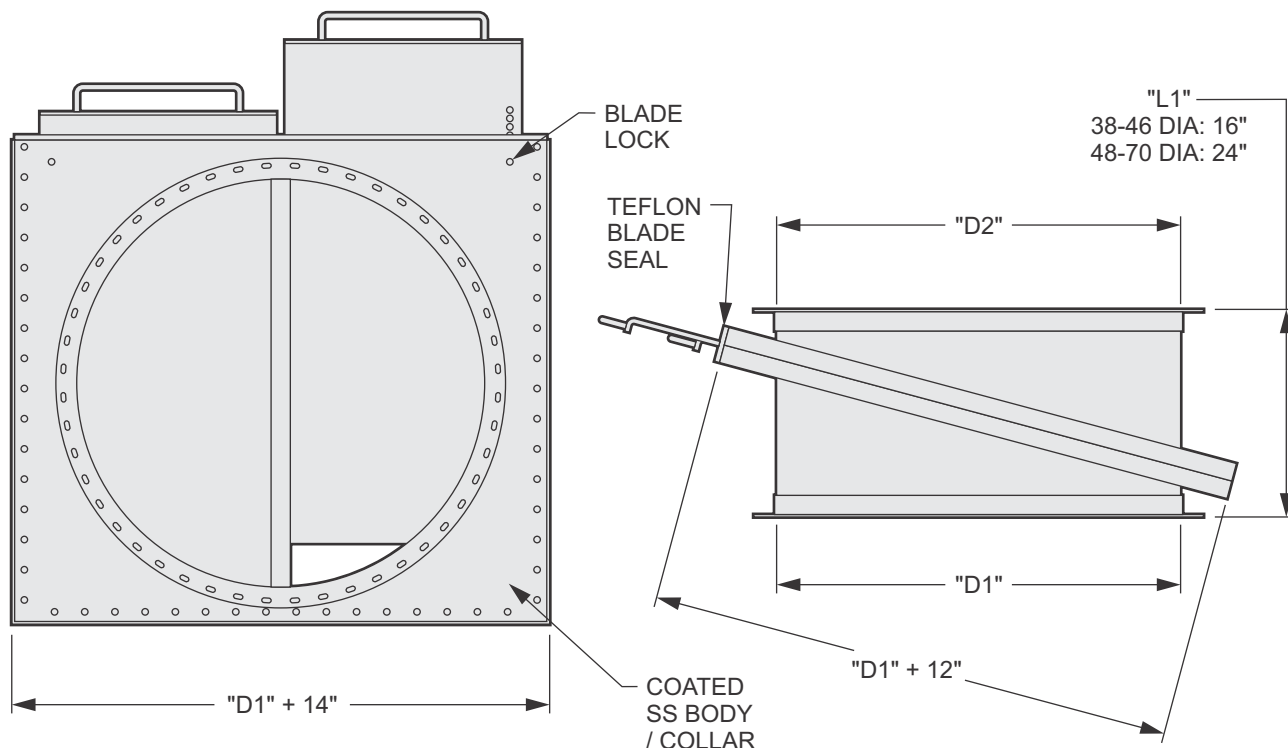
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



FITTING NUMBER	QTY	"D1" DUCT DIA.	"D1" RING TYPE	"D2" RING TYPE	"L1" DUCT LENGTH	INSTRUCTIONS: (Special plate flange must be specified whether loose or welded)

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:

Fitting: Tools & Supplies

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here:

[illegible]

PureGuard LLC

1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:

Fitting: **Goretex PTFE Gasket**

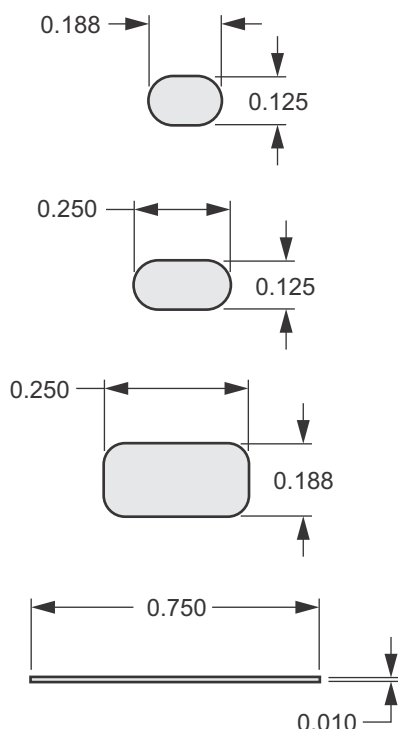
Conn Ring Type | **SS** Stainless Steel Rings - Avail 4" - 120"Ø
| **BI** Black Iron (coated) Rings - Avail 4" - 48"Ø
| **QC** Quick Clamp - Avail 2" - 14"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



Gasket type #1	
3/16" x 1/8" Gasket	Used on: 4" - 10" dia duct
Available roll sizes:	100 ft

Gasket type #2	
1/4" x 1/8" Gasket	Used on: 12" - 24" dia duct
Available roll sizes:	100 ft

Gasket type #3	
1/4" x 3/16" Gasket	Used on: 26" - 120" dia duct
Available roll sizes:	100 ft

Gasket type #4	
3/4" x 0.010" Gasket	Used on: 2" - 14" dia QC duct
Available roll sizes:	300 ft

FITTING NUMBER	GASKET TYPE	LINEAR FEET	INSTRUCTIONS

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:



Order Cover Sheet

2" & 3" Quick Clamp Fittings



Customer Use	
Name (requestor):	Tel:
Company:	Fax:
P.O. Box / Street:	Cell:
City / State / Zip:	Email:
Project Name:	P.O. Number:
Project Location:	RFQ Number:
Requested Lead Time:	RFQ Due Date:

Composites USA Use		
Job Number:	Order Date:	Ship Date:

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:

Index 2" & 3" Fittings



2-1 Cover Sheet

2-0 Index

2" & 3" Fittings:

2-2	2" & 3" Straight Duct: SS-100-2/3
2-3	2" & 3" Long Radius 90° Sweep Elbow: SS-110-2/3
2-4	2" & 3" Long Radius 45° Sweep Elbow: SS-115-2/3
2-5	2" & 3" Standard Reducer: SS-160-2/3
2-6	2" & 3" Standard Tee: SS-170-2/3
2-7	2" & 3" Field Installed Straight Saddle Tap: SS-172-2/3
2-8	2" & 3" Standard Lateral: SS-182-2/3
2-9	2" & 3" End Cap: SS-208-2/3
2-10	2" & 3" Butterfly Damper: SS-300-2/3
2-11	2" & 3" Horizontal Run Slide Gate Damper: SS-325-2/3
2-12	2" & 3" Vertical Run Slide Gate Damper: SS-326-2/3

Fitting: **2" & 3" Straight Duct**

Conn
Ring
Type

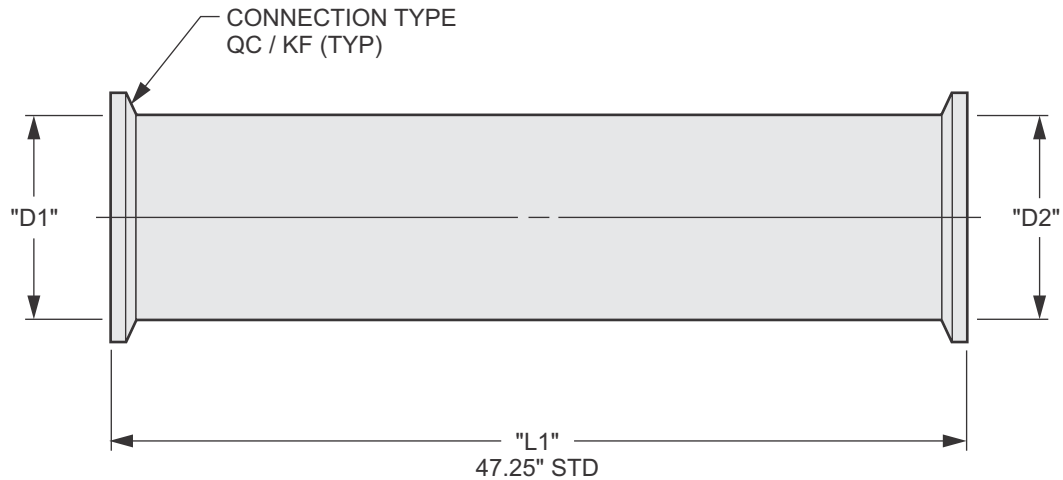
QC Quick Clamp - Avail 2" - 3"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



FITTING NUMBER	QTY	"D1" DUCT DIA.	"D1" CONNECTION TYPE	"D1" CONNECTION TYPE	"L1" DUCT LENGTH	ADDITIONAL INSTRUCTIONS:

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:

Fitting: **2" & 3" Long Radius 90° Sweep Elbow**

Conn
Ring
Type

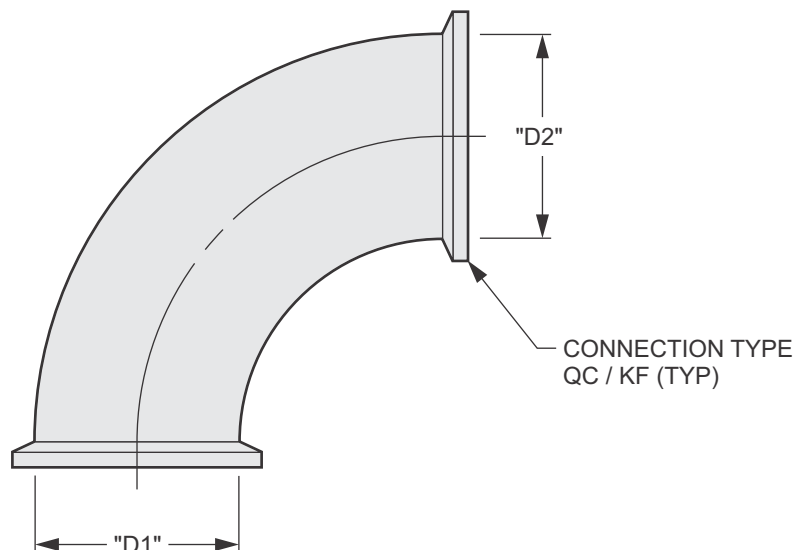
QC Quick Clamp - Avail 2" - 3"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



ELBOW SPECIFICATIONS: Standard face to centerline dimensions for long radius elbows are 1.5 x diameter.

FITTING NUMBER	QTY	"D1" DUCT DIA. 2" / 3"	ELBOW TYPE	"D1" CONNECTION TYPE	"D1" CONNECTION TYPE	ADDITIONAL INSTRUCTIONS:
			90°			
			90°			
			90°			
			90°			
			90°			
			90°			
			90°			
			90°			
			90°			

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:

Fitting: **2" & 3" Long Radius 45° Sweep Elbow**

Conn
Ring
Type

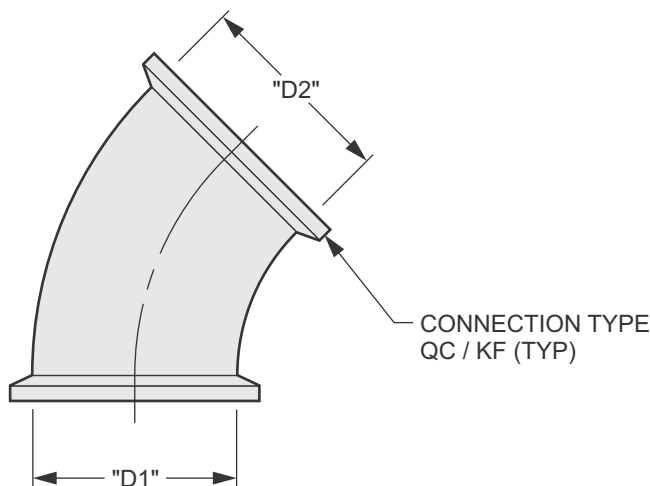
QC Quick Clamp - Avail 2" - 3"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



ELBOW SPECIFICATIONS: Standard face to centerline dimensions for long radius elbows are 1.5 x diameter.

FITTING NUMBER	QTY	"D1" DUCT DIA. 2" / 3"	ELBOW TYPE	"D1" CONNECTION TYPE	"D1" CONNECTION TYPE	ADDITIONAL INSTRUCTIONS:
			45°			
			45°			
			45°			
			45°			
			45°			
			45°			
			45°			
			45°			
			45°			

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:

Fitting: **2" & 3" Standard Reducer**

Conn
Ring
Type

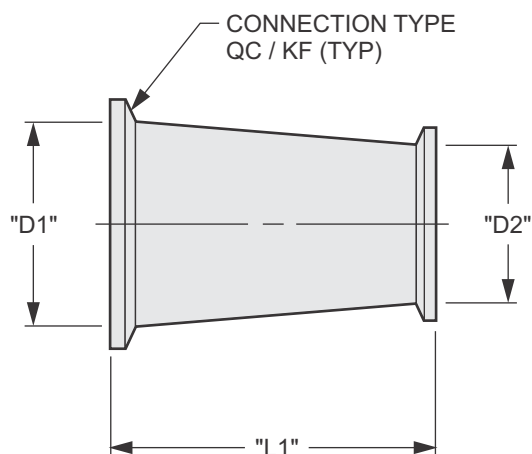
QC Quick Clamp - Avail 2" - 3"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



REDUCER SPECIFICATIONS: Custom lengths available.

STYLE #1	3" x 2" REDUCER	"L1" STANDARD 3-3/4"	"D1" STANDARD 3" O.D.	"D2" STANDARD 2" O.D.	STANDARD CONNECTIONS QUICK CLAMP
STYLE #2	4" x 2" REDUCER	"L1" STANDARD 3-3/4"	"D1" STANDARD 4" O.D.	"D2" STANDARD 2" O.D.	STANDARD CONNECTIONS QUICK CLAMP
STYLE #3	4" x 3" REDUCER	"L1" STANDARD 3-3/4"	"D1" STANDARD 4" O.D.	"D2" STANDARD 3" O.D.	STANDARD CONNECTIONS QUICK CLAMP

FITTING NUMBER	QTY	STYLE TYPE	"D1" CONNECTION TYPE	"D1" CONNECTION TYPE	ADDITIONAL INSTRUCTIONS:

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:

Fitting: **2" & 3" Standard Tee**

Conn
Ring
Type

QC Quick Clamp - Avail 2" - 3"Ø

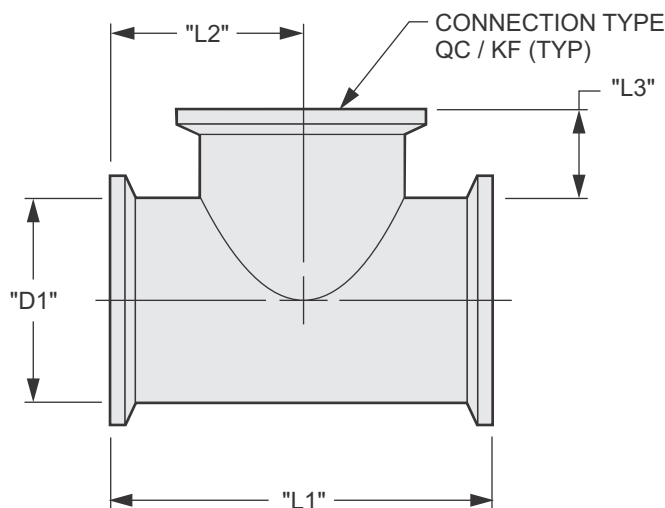
Rings are loose < 32" diameter

Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA Industrial Standard unless otherwise noted here: _____



TEE SPECIFICATIONS: Custom lengths available.

STYLE #1	2" x 2" TEE	"L1" STANDARD 4-3/8"	"L2" STANDARD 2-11/16"	"D2" STANDARD 1-1/4"	STANDARD CONNECTIONS QUICK CLAMP
STYLE #2	3" x 2" TEE	"L1" STANDARD 5-3/8"	"L2" STANDARD 2-11/16"	"D2" STANDARD 1-1/4"	STANDARD CONNECTIONS QUICK CLAMP
STYLE #3	3" x 3" TEE	"L1" STANDARD 5-3/8"	"L2" STANDARD 2-11/16"	"D2" STANDARD 1-1/4"	STANDARD CONNECTIONS QUICK CLAMP

FITTING NUMBER	QTY	STYLE TYPE	ADDITIONAL INSTRUCTIONS:

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:

Fitting: 2" & 3" Field Installed Straight Saddle Tap

Conn
Ring
Type

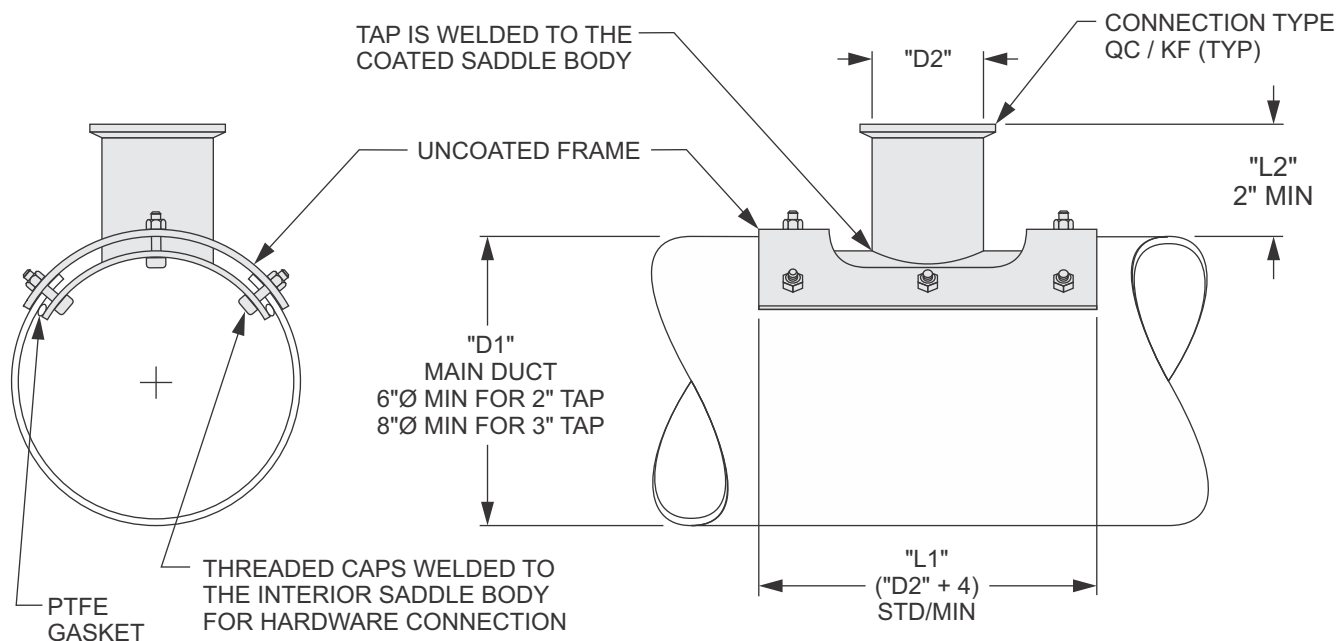
QC Quick Clamp - Avail 2" - 3"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



SADDLE SPECIFICATIONS: The main duct is to be sandwiched between the body and the frame.

FITTING NUMBER	QTY	"D1" DUCT DIA.	"L1" SADDLE LENGTH	"D2" TAP DIA. 2" / 3"	"D2" CONNECTION TYPE	"L2" TAP LENGTH	ADDITIONAL INSTRUCTIONS:

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:

Fitting: **2" & 3" Standard Lateral**

Conn
Ring
Type

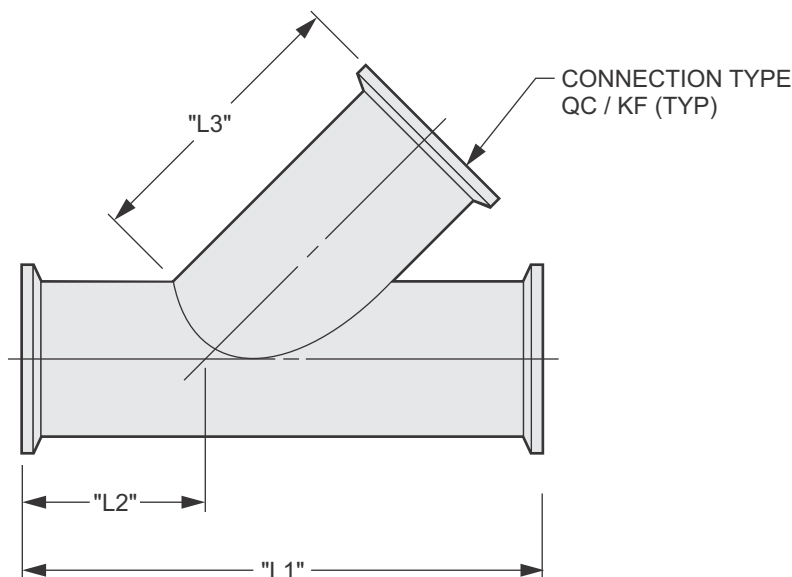
QC Quick Clamp - Avail 2" - 3"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



LATERAL SPECIFICATIONS: Custom lengths available.

STYLE #1	2" x 2" LATERAL	"L1" STANDARD 8'-0"	"L2" STANDARD 2'-0"	"L3" STANDARD 6'-0"	STANDARD CONNECTIONS QUICK CLAMP
STYLE #2	3" x 3" LATERAL	"L1" STANDARD 8'-0"	"L2" STANDARD 2'-0"	"L3" STANDARD 6'-0"	STANDARD CONNECTIONS QUICK CLAMP

FITTING NUMBER	QTY	STYLE TYPE	ADDITIONAL INSTRUCTIONS:

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:

Fitting: **2" & 3" End Cap**

Conn
Ring
Type

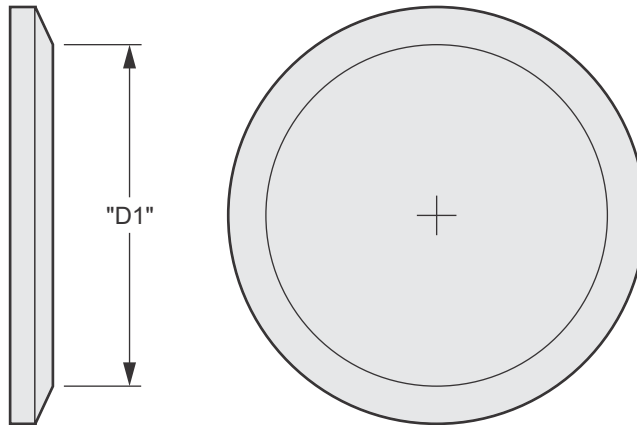
QC Quick Clamp - Avail 2" - 3"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



FITTING NUMBER	QTY	"D1" DUCT DIA. 2" / 3"	ADDITIONAL INSTRUCTIONS:

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:

Fitting: **2" & 3" Butterfly Damper**

Conn
Ring
Type

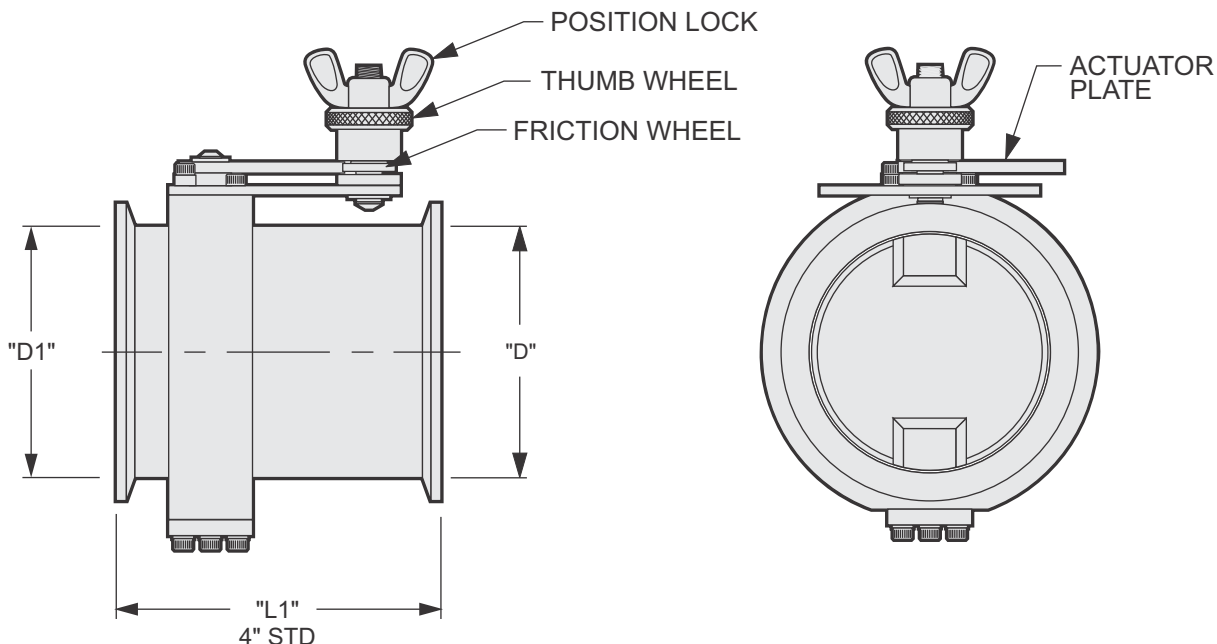
QC Quick Clamp - Avail 2" - 3"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



FITTING NUMBER	QTY	"D1" DUCT DIA. 2" / 3"	ADDITIONAL INSTRUCTIONS:

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:

Fitting: **2" & 3" Horiz. Run Slide Gate Damper**

Conn
Ring
Type

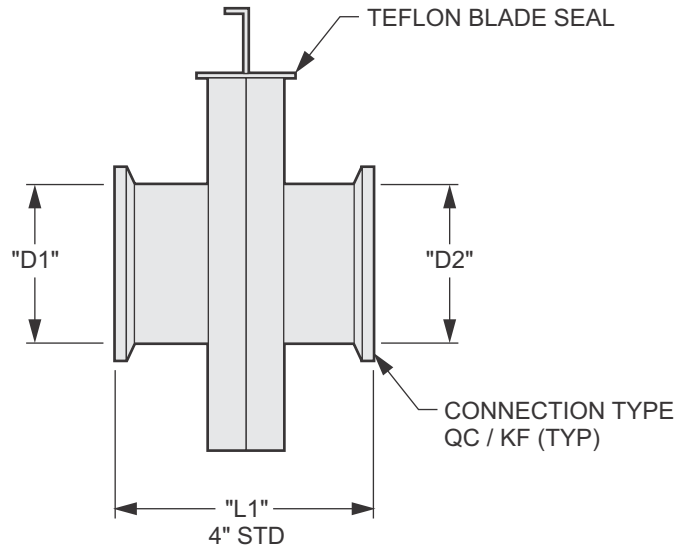
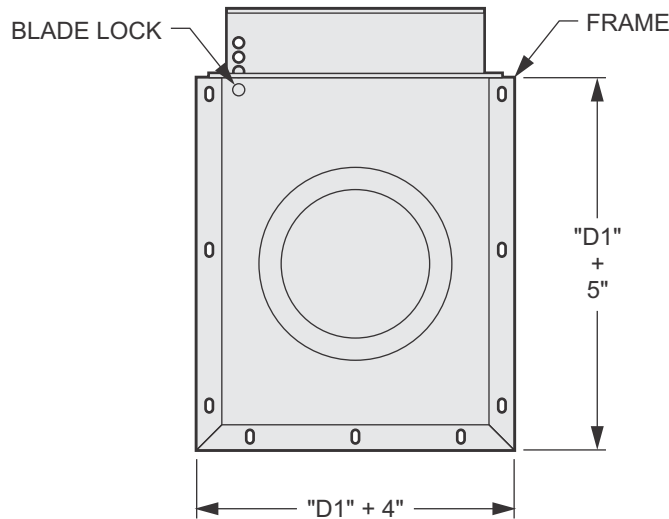
QC Quick Clamp - Avail 2" - 3"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



FITTING NUMBER	QTY	"D1" DUCT DIA. 2" / 3"	"L1" DUCT LENGTH	"D1" CONNECTION TYPE	"D2" CONNECTION TYPE	ADDITIONAL INSTRUCTIONS:

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:

Fitting: 2" & 3" Vertical Run Slide Gate Damper

Conn
Ring
Type

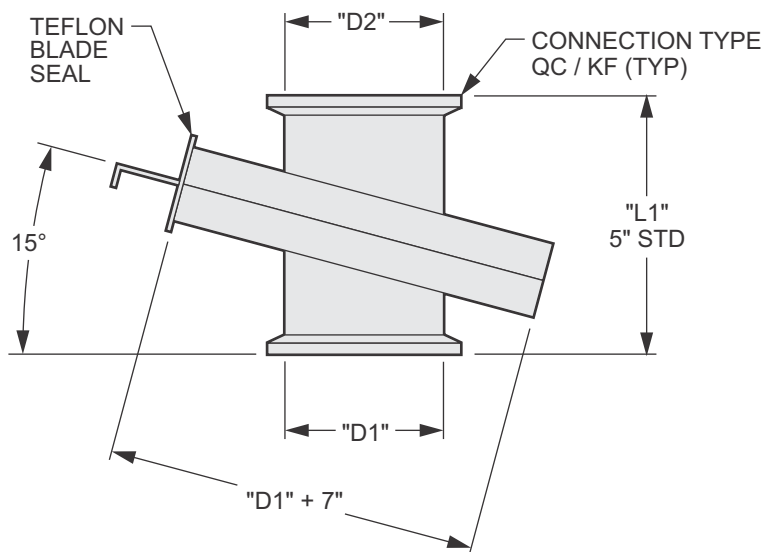
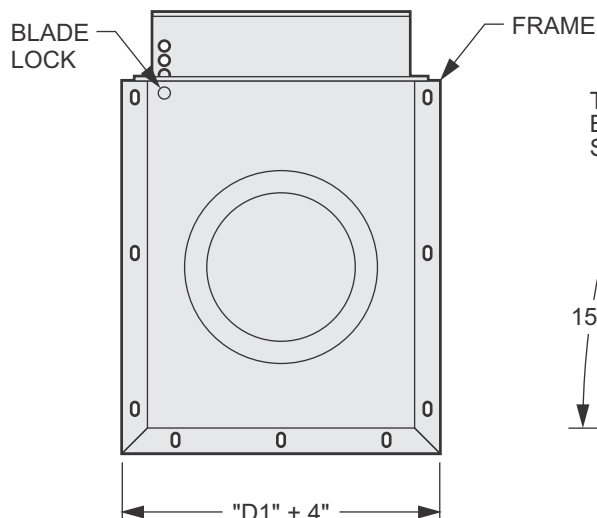
QC Quick Clamp - Avail 2" - 3"Ø

Rings are loose < 32" diameter
Rings are fixed 32" diameter and larger

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



FITTING NUMBER	QTY	"D1" DUCT DIA. 2" / 3"	"L1" DUCT LENGTH	"D1" CONNECTION TYPE	"D2" CONNECTION TYPE	ADDITIONAL INSTRUCTIONS:

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:

Order Cover Sheet Rectangular Duct



Customer Use	
Name (requestor):	Tel:
Company:	Fax:
P.O. Box / Street:	Cell:
City / State / Zip:	Email:
Project Name:	P.O. Number:
Project Location:	RFQ Number:
Requested Lead Time:	RFQ Due Date:

PureGuard LLC Use		
Job Number:	Order Date:	Ship Date:

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

INSTRUCTIONS:



PureGuard LLC
A Critical Process Systems Group Company



PureGuard II™
Coated Stainless Steel Duct

Style No.:

3-1
Order Sheet:

Fitting: **Index Rectangular Duct**



- 3-1 Cover Sheet
- 3-0 Index

Rectangular Duct:

- 3-2 Rectangular Flange and Gauge Standards
- 3-3 Rectangular Straight Duct: SS-105
- 3-4 Rectangular Duct Offset: SS-106
- 3-5 Custom Rectangular Mitered Elbow: SS-147
- 3-6 Custom Rectangular Sweep Elbow: SS-148
- 3-7 Concentric Transition: SS-161
- 3-8 Eccentric Transition: SS-162
- 3-9 Rectangular Duct with Multiple Tap Styles: SS-196
- 3-10 Rectangular End Cap: SS-210
- 3-20 Parallel Blade Backdraft Damper: SS-380
- 3-21 Opposed Blade Rectangular Damper: SS-385

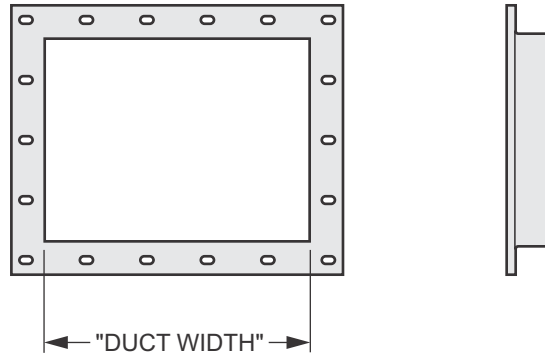
PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

Fitting: Rectangular Flange and Gauge Standards

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



FLANGE SPECIFICATIONS: Interior stiffener (1" SCH40 pipe) required for duct width or height over 50.0".
All duct width greater than 98" overall is subject to engineering review.

DUCT WIDTH							
	12" - 24"	26" - 36"	38" - 48"	50" - 60"	62" - 72"	74" - 84"	86" - 96"
6" W.C.	GAUGE - 16 ANGLE SIZE 1.5 X 1.5 X 3/16	GAUGE - 16 ANGLE SIZE 1.5 X 1.5 X 3/16	GAUGE - 16 ANGLE SIZE 2 X 2 X 3/16	GAUGE - 16 ANGLE SIZE 2 X 2 X 3/16	GAUGE - 16 ANGLE SIZE 2 X 2 X 3/16	GAUGE - 16 ANGLE SIZE 2 X 2 X 3/16	GAUGE - 16 ANGLE SIZE 2 X 2 X 3/16
8" W.C.	GAUGE - 14 ANGLE SIZE 1.5 X 1.5 X 3/16	GAUGE - 14 ANGLE SIZE 2 X 2 X 3/16	GAUGE - 14 ANGLE SIZE 2 X 2 X 3/16	GAUGE - 14 ANGLE SIZE 2 X 2 X 3/16	GAUGE - 14 ANGLE SIZE 2 X 2 X 3/16	GAUGE - 14 ANGLE SIZE 2 X 2 X 3/16	GAUGE - 14 ANGLE SIZE 2 X 2 X 3/16
10" W.C.	GAUGE - 12 ANGLE SIZE 1.5 X 1.5 X 3/16	GAUGE - 12 ANGLE SIZE 2 X 2 X 3/16	GAUGE - 12 ANGLE SIZE 2 X 2 X 3/16	GAUGE - 12 ANGLE SIZE 2 X 2 X 3/16	GAUGE - 12 ANGLE SIZE 2 X 2 X 3/16	GAUGE - 12 ANGLE SIZE 2 X 2 X 3/16	GAUGE - 12 ANGLE SIZE 2 X 2 X 3/16
12" W.C.	GAUGE - 12 ANGLE SIZE 1.5 X 1.5 X 3/16	GAUGE - 12 ANGLE SIZE 2 X 2 X 3/16	GAUGE - 12 ANGLE SIZE 2 X 2 X 3/16	GAUGE - 12 ANGLE SIZE 2 X 2 X 3/16	GAUGE - 12 ANGLE SIZE 2 X 2 X 3/16	GAUGE - 12 ANGLE SIZE 2 X 2 X 3/16	GAUGE - 12 ANGLE SIZE 2.5 X 2.5 X 3/16
14" W.C.	GAUGE - 12 ANGLE SIZE 1.5 X 1.5 X 3/16	GAUGE - 12 ANGLE SIZE 2 X 2 X 3/16	GAUGE - 12 ANGLE SIZE 2 X 2 X 3/16	GAUGE - 12 ANGLE SIZE 2 X 2 X 3/16	GAUGE - 12 ANGLE SIZE 2 X 2 X 3/16	GAUGE - 12 ANGLE SIZE 2 X 2 X 3/16	GAUGE - 12 ANGLE SIZE 2.5 X 2.5 X 3/16
16" W.C.	GAUGE - 10 ANGLE SIZE 1.5 X 1.5 X 3/16	GAUGE - 10 ANGLE SIZE 2 X 2 X 3/16	GAUGE - 10 ANGLE SIZE 2 X 2 X 3/16	GAUGE - 10 ANGLE SIZE 2 X 2 X 3/16	GAUGE - 10 ANGLE SIZE 2 X 2 X 3/16	GAUGE - 10 ANGLE SIZE 2.5 X 2.5 X 3/16	GAUGE - 10 ANGLE SIZE 2.5 X 2.5 X 3/16
18" W.C.	GAUGE - 10 ANGLE SIZE 2 X 2 X 3/16	GAUGE - 10 ANGLE SIZE 2 X 2 X 3/16	GAUGE - 10 ANGLE SIZE 2 X 2 X 3/16	GAUGE - 10 ANGLE SIZE 2 X 2 X 3/16	GAUGE - 10 ANGLE SIZE 2 X 2 X 3/16	GAUGE - 10 ANGLE SIZE 2.5 X 2.5 X 3/16	GAUGE - 10 ANGLE SIZE 3 X 3 X 3/16

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

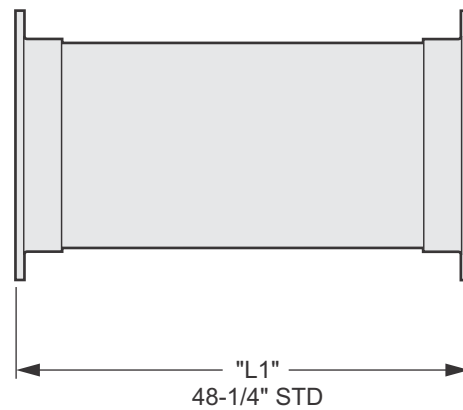
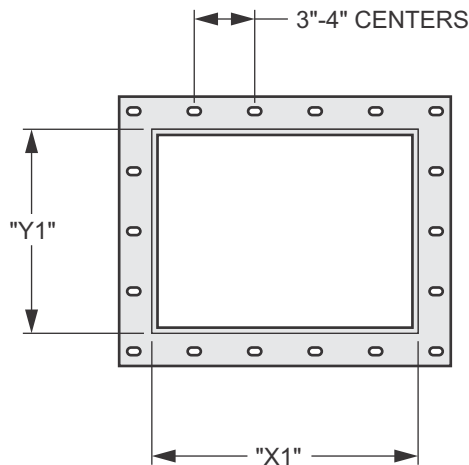
INSTRUCTIONS:

Fitting: **Rectangular Straight Duct**

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA Industrial Standard unless otherwise noted here: _____



DUCT SPECIFICATIONS: Interior stiffener (1" SCH40 pipe) required for duct width or height over 50.0".

FITTING NUMBER	QTY	"L1" DUCT LENGTH	"X1" WIDTH	"Y1" HEIGHT	INSTRUCTIONS

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

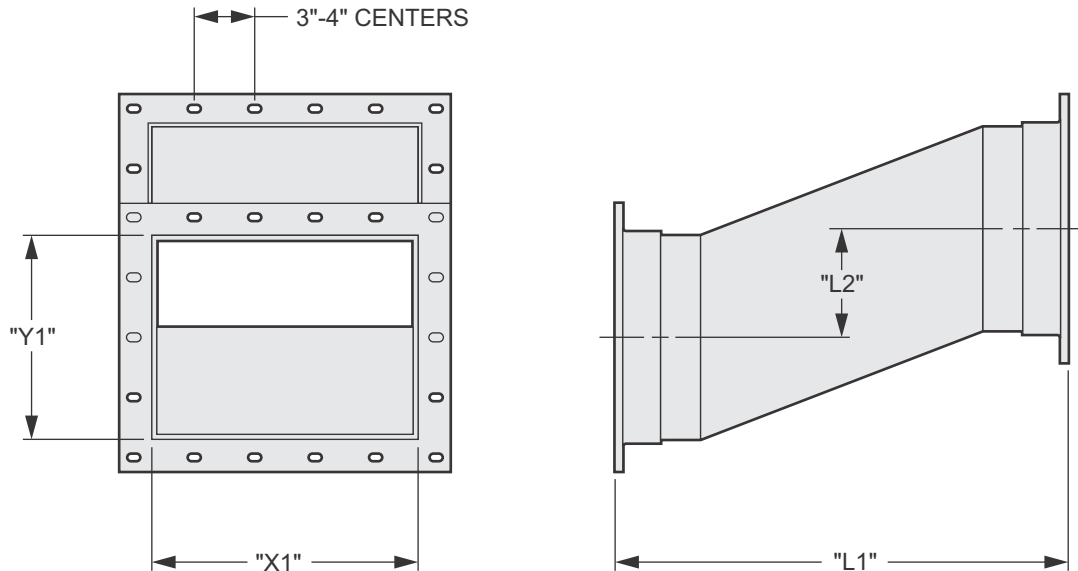
INSTRUCTIONS:

Fitting: **Rectangular Duct Offset**

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA Industrial Standard unless otherwise noted here: _____



OFFSET SPECIFICATIONS: Interior stiffener (1" SCH40 pipe) may be required for duct width or height over 50.0".

FITTING NUMBER	QTY	"L1" DUCT LENGTH	"L2" DUCT OFFSET	"X1" WIDTH	"Y1" HEIGHT	INSTRUCTIONS

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

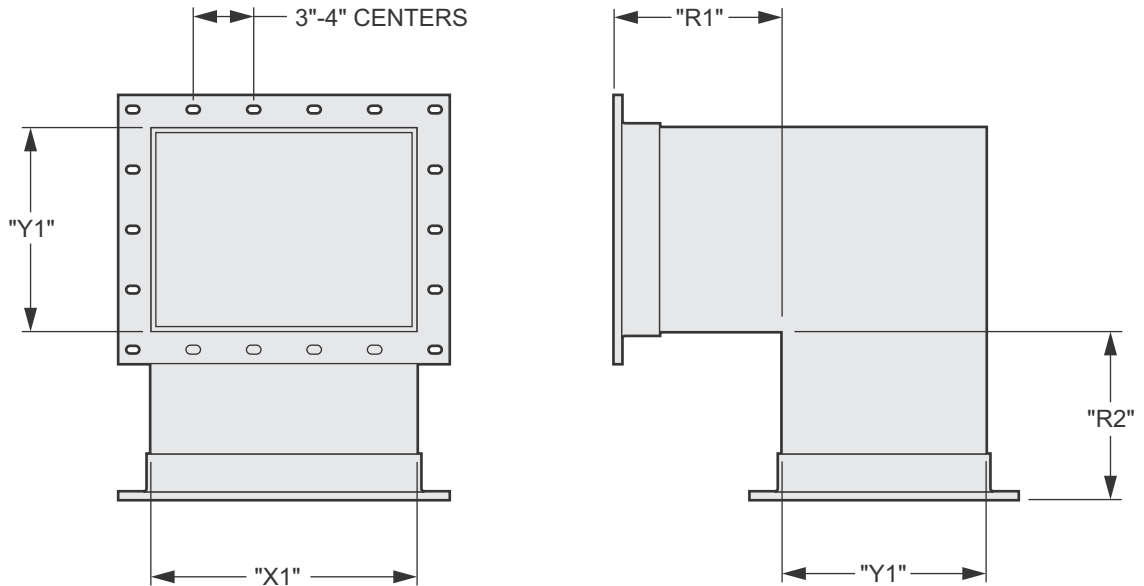
INSTRUCTIONS:

Fitting: **Custom Rectangular Mittered Elbow**

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



ELBOW SPECIFICATIONS: Interior stiffener (1" SCH40 pipe) may be required for duct width or height over 50.0".

FITTING NUMBER	QTY	ELBOW ANGLE	"X1" WIDTH	"Y1" HEIGHT	"R1" THROAT LENGTH	"R2" THROAT LENGTH	INSTRUCTIONS

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

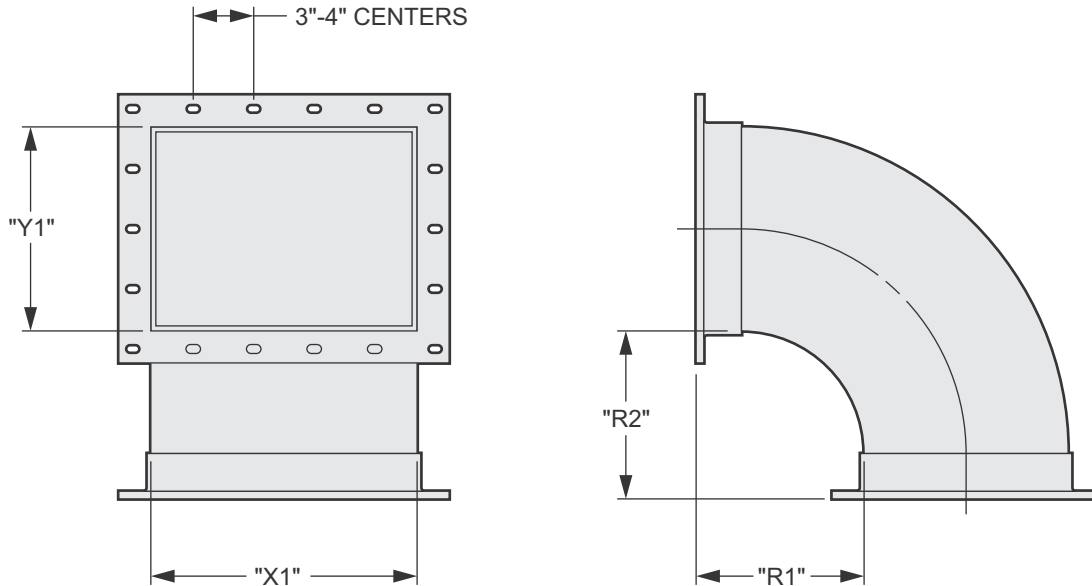
INSTRUCTIONS:

Fitting: **Custom Rectangular Sweep Elbow**

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA Industrial Standard unless otherwise noted here: _____



ELBOW SPECIFICATIONS: Interior stiffener (1" SCH40 pipe) may be required for duct width or height over 50.0".

FITTING NUMBER	QTY	ELBOW ANGLE	"X1" WIDTH	"Y1" HEIGHT	"R1" THROAT LENGTH	"R2" THROAT LENGTH	INSTRUCTIONS

PureGuard LLC
1010 South 65th Ave., No. 100
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Email: info@pureguard2.com

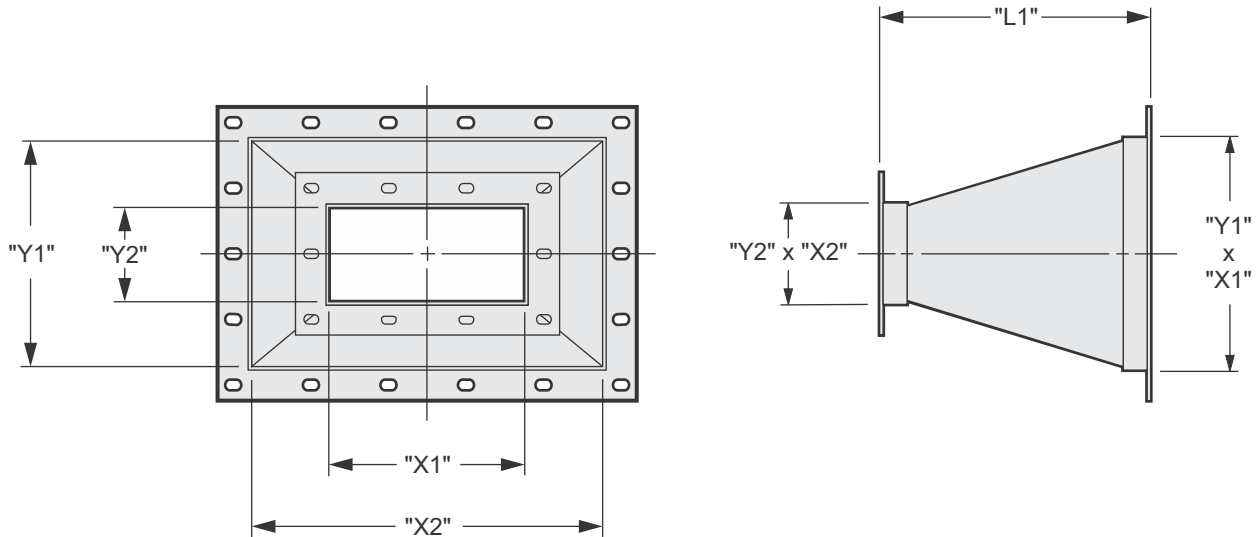
INSTRUCTIONS:

Fitting: **Concentric Transition**

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA
Industrial Standard unless otherwise noted here: _____



DUCT SPECIFICATIONS: Interior stiffener (1" SCH40 pipe) may be required for duct width or height over 50.0".

FITTING NUMBER	QTY	"L1" DUCT LENGTH	"X1" WIDTH	"Y1" HEIGHT	"X2" WIDTH	"Y2" HEIGHT	INSTRUCTIONS

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

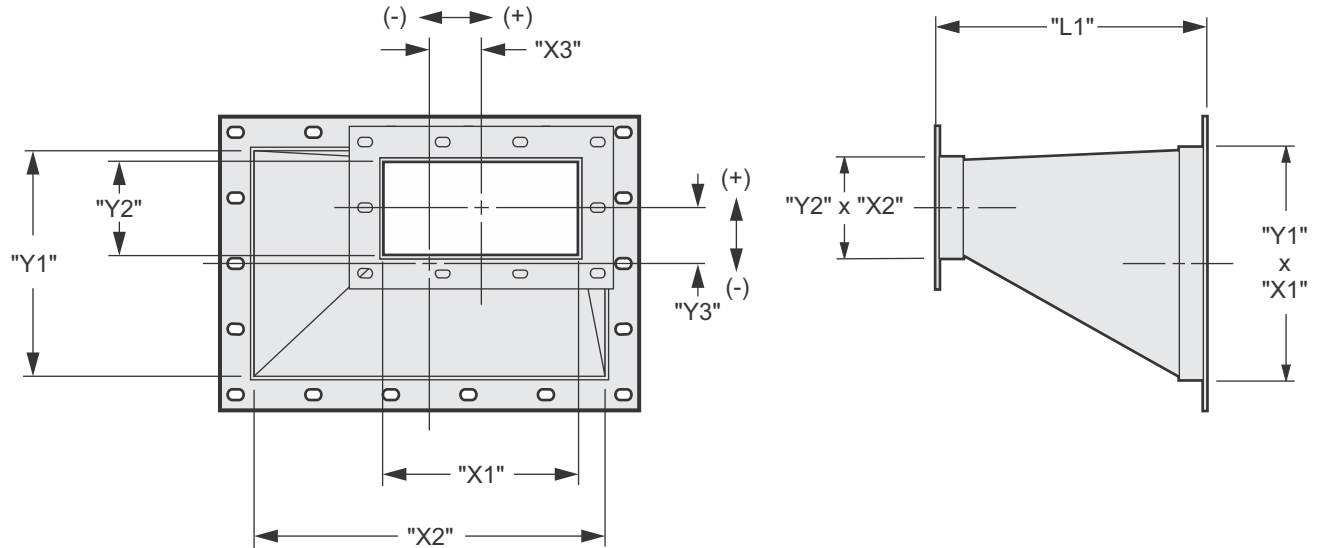
INSTRUCTIONS:

Fitting: **Eccentric Transition**

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA Industrial Standard unless otherwise noted here: _____



DUCT SPECIFICATIONS: Interior stiffener (1" SCH40 pipe) may be required for duct width or height over 50.0".

FITTING NUMBER	QTY	"L1" DUCT LENGTH	"X1" WIDTH	"Y1" HEIGHT	"X2" WIDTH	"Y2" HEIGHT	"X3" DEVIATE	"Y3" DEVIATE	INSTRUCTIONS

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Phoenix, AZ 85043
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Email: info@pureguard2.com

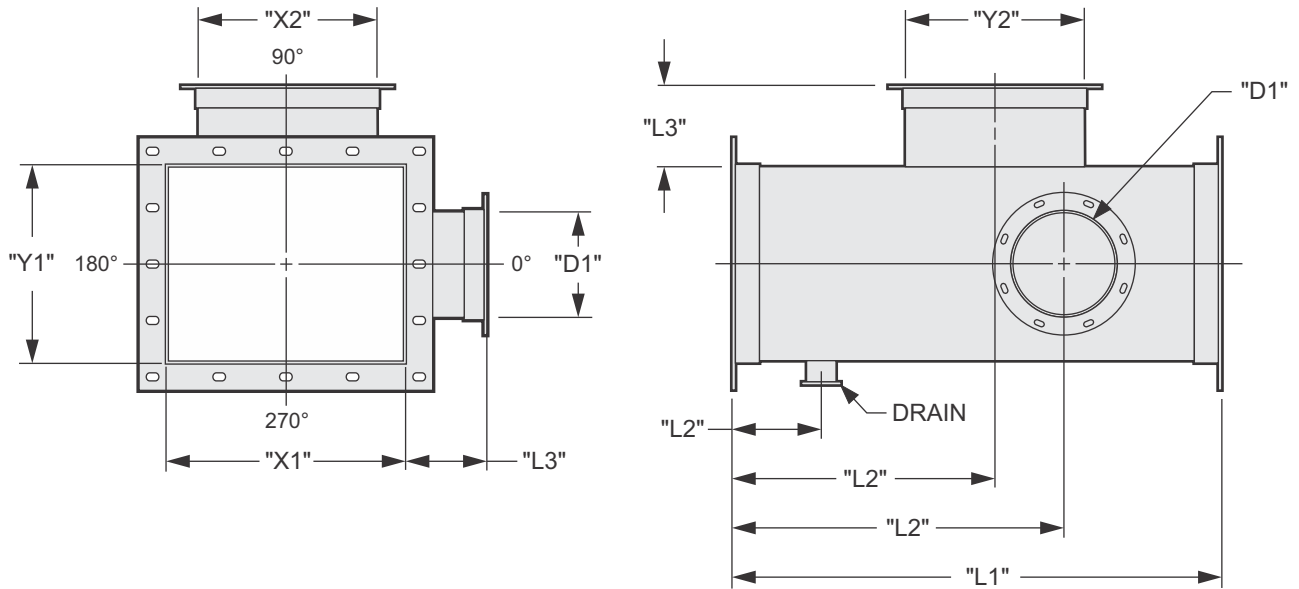
INSTRUCTIONS:

Fitting: **Rectangular Duct with Multiple Tap Styles**

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA Industrial Standard unless otherwise noted here: _____



DUCT SPECIFICATIONS: Interior stiffener (1" SCH40 pipe) may be required for duct width or height over 50.0".

FITTING NUMBER	QTY	"L1" DUCT LENGTH	"X1" WIDTH	"Y1" HEIGHT	INSTRUCTIONS:			
TAP NUMBER	"D1" TAP DIA.	"D1" RING TYPE	"X2" WIDTH	"Y2" HEIGHT	"L2" TAP LOCATION	"L3" TAP LENGTH	ROTATION ON DUCT	INSTRUCTIONS:

PureGuard LLC
1010 South 65th Ave., No. 100
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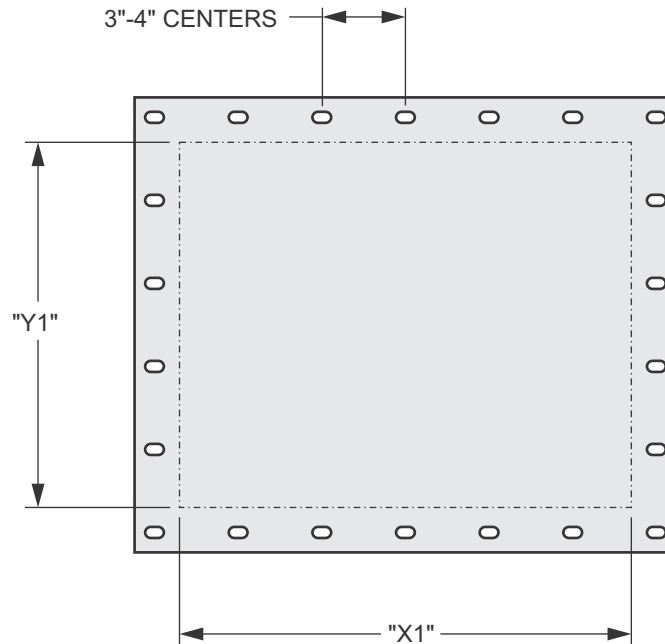
INSTRUCTIONS:

Fitting: **Rectangular End Cap**

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA Industrial Standard unless otherwise noted here: _____



END CAP SPECIFICATIONS: A support stiffener may be required for end cap sizes over a width or height of 50.0".

FITTING NUMBER	QTY	"X1" WIDTH	"Y1" HEIGHT	INSTRUCTIONS

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Email: info@pureguard2.com

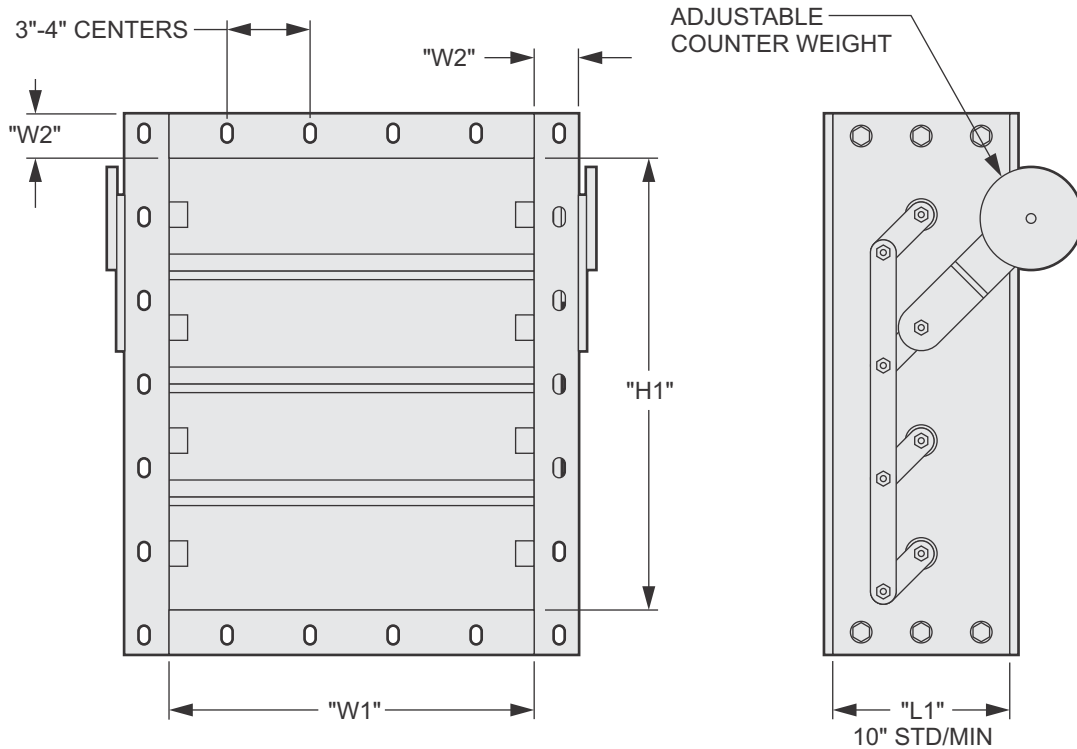
INSTRUCTIONS:

Fitting: **Parallel Blade Backdraft Damper**

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA Industrial Standard unless otherwise noted here: _____



DAMPER SPECIFICATIONS: Standard flange width ("W2") is 2".

FITTING NUMBER	QTY	"W1" DUCT WIDTH	"H1" DUCT HEIGHT	"L1" DUCT LENGTH	"W2" FLANGE WIDTH	INSTRUCTIONS

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
T 623.478.1800 / F 623.478.1860
Email: info@pureguard2.com

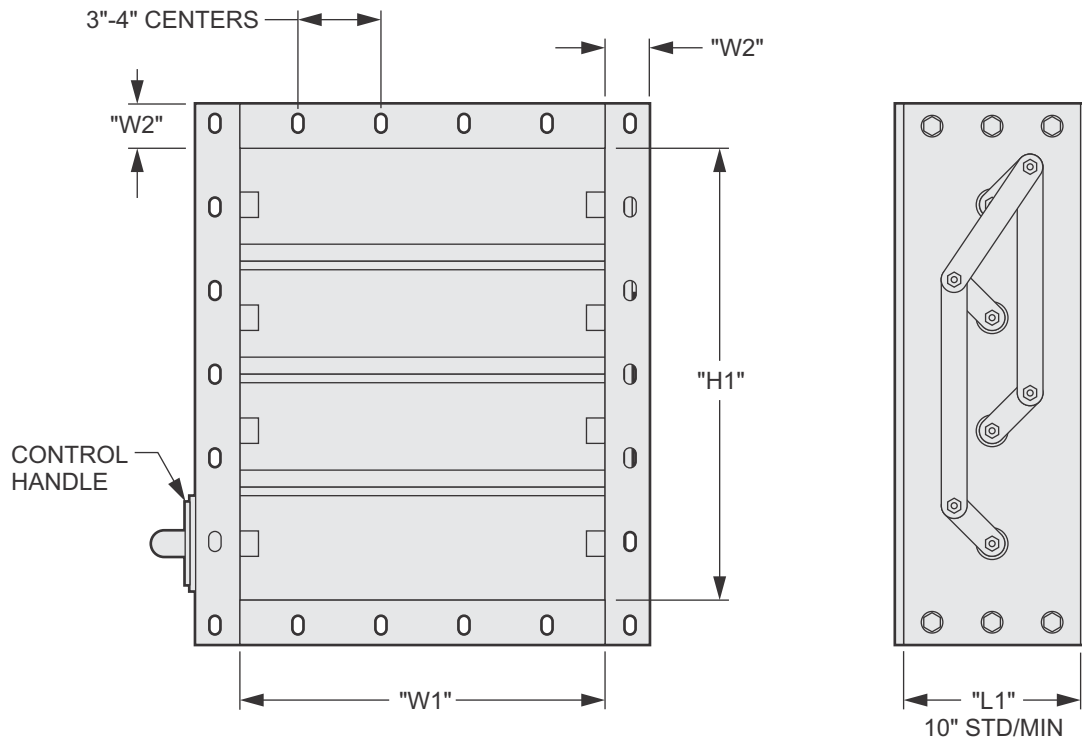
INSTRUCTIONS:

Fitting: **Opposed Blade Rectangular Damper**

PureGuard II is FM Approved for use without sprinklers, subject to the conditions of approval as a Fume and/or Exhaust Duct, when installed in accordance with instructions shown in the current edition of the FM Approval Guide.



Standard design is +/-6" w.c. per SMACNA Industrial Standard unless otherwise noted here: _____



DAMPER SPECIFICATIONS: Standard flange width ("W2") is 2".

FITTING NUMBER	QTY	"W1" DUCT WIDTH	"H1" DUCT HEIGHT	"L1" DUCT LENGTH	"W2" FLANGE WIDTH	INSTRUCTIONS

PureGuard LLC
1010 South 65th Ave., No. 100
Phoenix, AZ 85043
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INSTRUCTIONS: