



STOCK CATALOG





QUICK SHIP PRODUCTS

1-Day to 10-Day Lead Times



Roof Fans • Kitchen Fans • Square In-Lines • Blowers • Louvers
Axial Fans • Prop Wall Fans • Cabinet Fans • Bathroom Fans • GRDs
Single Duct VAV Boxes • Fan Powered Boxes • Linear Diffusers
Curtain Fire Dampers • Fire / Smoke Dampers • Control Dampers • Coils
Pipe Curb Assemblies • Equipment Supports + Curbs • Make-Up Air Units

• • • AND MORE • • •

Call Us For More Information +1 (800) 875-8811

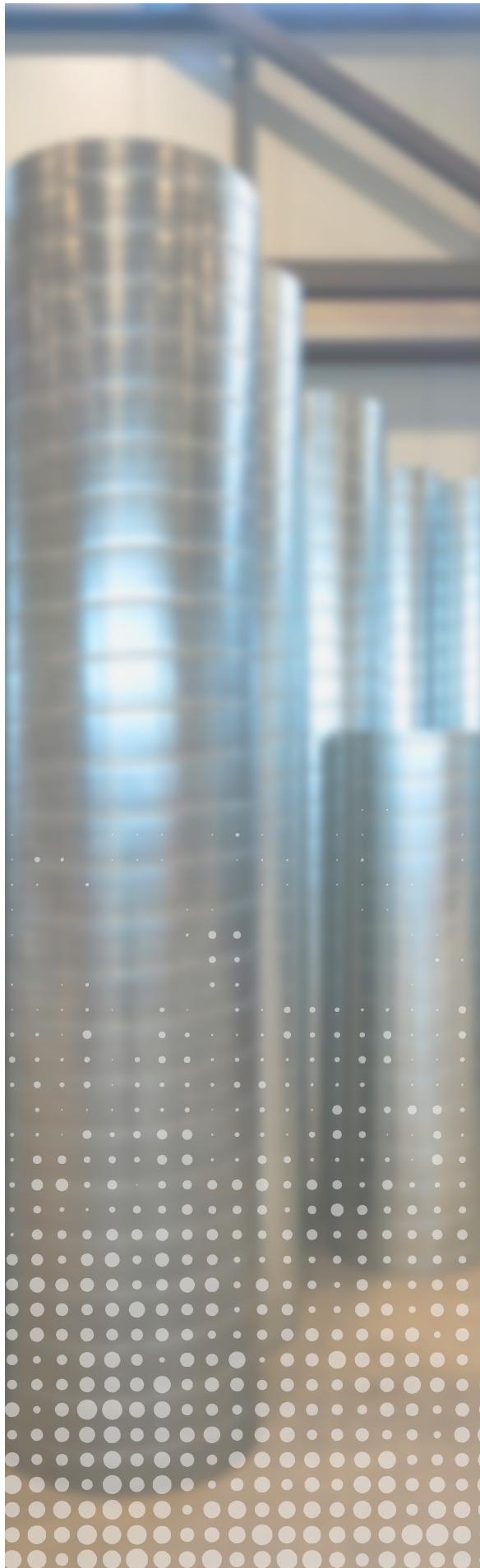


TABLE OF **CONTENTS**

- 02** Air Distribution Equipment
- 10** Round Duct + Accessories
- 20** Flexible Duct
- 24** Tape + Sealants + Hardware
- 32** Sheet Metal Tools



1400 Series Diffuser

- 4-Cone Drop Face Louvered
- Lay-In
- Steel Construction
- 4-Way Deflection
- Baked White Enamel

For More Information Visit www.krueger-hvac.com



FACE

NECK

AIR DESIGN

12" x 12"	6" Round	14006SM1212
12" x 12"	8" Round	14008SM1212
12" x 12"	Hard Ceiling Frame	HCF1212
24" x 24"	6" Round	140062424
24" x 24"	8" Round	140082424
24" x 24"	10" Round	1400102424
24" x 24"	12" Round	1400122424
24" x 24"	14" Round	1400142424
24" x 24"	Hard Ceiling Frame	HCF2424



PLQ Series Diffuser

- Plaque Face Ceiling Diffuser
- Lay-In
- Hard Ceiling Frame Available
- Baked White Enamel

For More Information Visit www.krueger-hvac.com

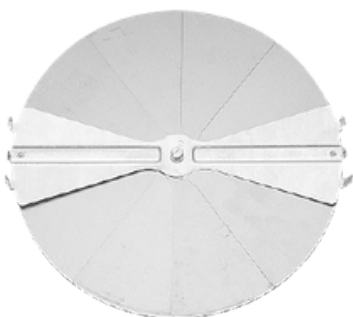


FACE

NECK

AIR DESIGN

12" x 12"	6" Round	PLQ612
12" x 12"	8" Round	PLQ812
24" x 24"	6" Round	PLQ6
24" x 24"	8" Round	PLQ8
24" x 24"	10" Round	PLQ10
24" x 24"	12" Round	PLQ12
24" x 24"	14" Round	PLQ14



PRN100 Series Damper

- Steel Radial Fan Damper (Neck Mounted)

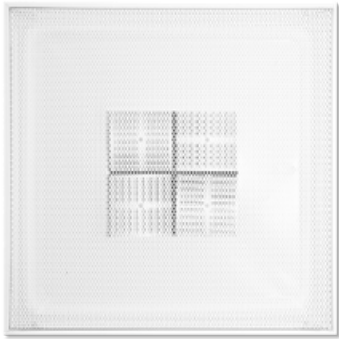
For More Information Visit www.krueger-hvac.com



SIZE

AIR DESIGN

6" Radial	PRN1006
8" Radial	PRN1008
10" Radial	PRN10010
12" Radial	PRN10012
14" Radial	PRN10014



6600 Series Diffuser

- Steel Perforated Diffuser
- 4-Way Pattern Deflectors
- Lay-In
- Optional Round Dampers
- Baked White Enamel
- Hinged Removable Face
- Hard Ceiling Frame Available

FACE	NECK	AIR DESIGN #
24" x 24"	6" Round	66006
24" x 24"	8" Round	66008
24" x 24"	10" Round	660010
24" x 24"	12" Round	660012
24" x 24"	14" Round	660014
24" x 24"	16" Round	660016

For More Information Visit www.krueger-hvac.com

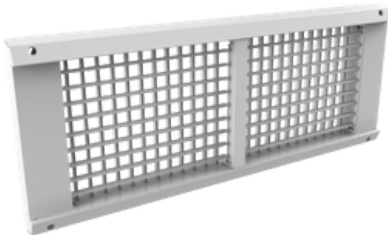


RM1 Round Ceiling Diffuser

- Steel Round Diffuser with 3-Cones (2-Position)
- Baked White Enamel

NECK	AIR DESIGN #
6" Round	RM16
8" Round	RM18
10" Round	RM110
12" Round	RM112
14" Round	RM114

For More Information Visit www.krueger-hvac.com



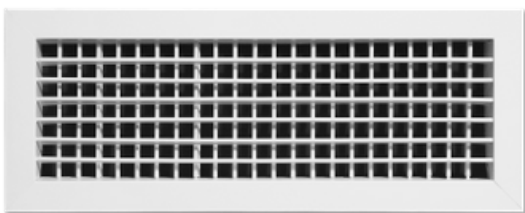
5DMGDU Register

- Duct Mounted Supply Grilles
- Universal End Cap
- Double Deflection
- Mounts On Round Duct
- Extractor / Damper
- Mill Finish

SIZE	MINIMUM DUCT	CFM	AIR DESIGN #
12" x 4"	10" Round	200	5DMGDU124
16" x 6"	12" Round	400	5DMGDU166
24" x 6"	12" Round	550	5DMGDU246

For More Information Visit www.krueger-hvac.com





880 Series Supply Register With OBD

Steel Double Deflection Supply Grille

For More Information Visit www.krueger-hvac.com



SIZE

AIR DESIGN

6" x 6"	8" x 4"	8" x 6"	8" x 8"	10" x 4"	10" x 6"	880V__OBD
10" x 8"	12" x 4"	12" x 6"	12" x 8"	12" x 10"	12" x 12"	
14" x 4"	14" x 6"	14" x 8"	14" x 10"	14" x 12"	14" x 14"	Ex: 6" x 6"
16" x 6"	16" x 8"	16" x 10"	16" x 12"	16" x 14"	16" x 16"	880V66OBD
18" x 6"	18" x 8"	18" x 10"	18" x 12"	18" x 14"	18" x 16"	or
18" x 18"	20" x 6"	20" x 8"	20" x 10"	20" x 12"	20" x 14"	Ex: 10" x 4"
24" x 6"	24" x 8"	24" x 10"	24" x 12"	24" x 14"		880V104OBD



S80 Series Return Grille

Steel Return Grille • 35° Deflection

For More Information Visit www.krueger-hvac.com



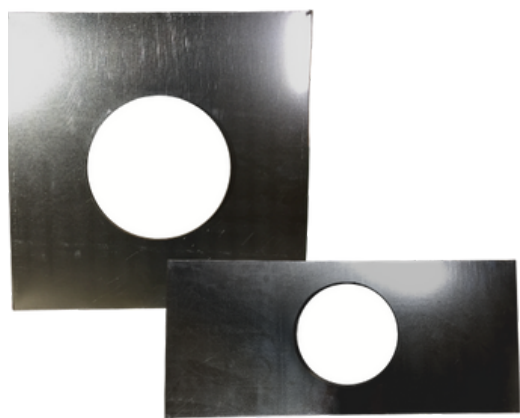
SIZE

AIR DESIGN

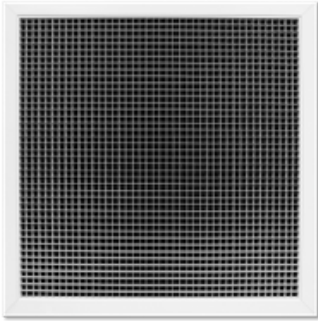
6" x 6"	8" x 6"	8" x 8"	10" x 6"	10" x 8"	10" x 10"	S80H__
12" x 6"	12" x 8"	12" x 10"	12" x 12"	14" x 6"	14" x 8"	
14" x 10"	14" x 12"	14" x 14"	16" x 6"	16" x 8"	16" x 10"	Ex: 6" x 6"
16" x 12"	16" x 16"	18" x 6"	18" x 8"	18" x 10"	18" x 12"	S80H66
18" x 18"	20" x 6"	20" x 8"	20" x 10"	20" x 12"	20" x 20"	or
22" x 10"	22" x 16"	24" x 6"	24" x 8"	24" x 10"	24" x 12"	Ex: 10" x 6"
24" x 14"	24" x 18"	24" x 24"				S80H106

Egg Crate Transition Box With 2" Deep Collar

To Fit **EGC5 T-Bar Return** (See Page 5)



FACE	NECK	AIR DESIGN #
9 1/2" x 21 1/2"	6" Diameter	BOXEGC52X16
9 1/2" x 21 1/2"	8" Diameter	BOXEGC52X18
9 1/2" x 21 1/2"	10" Diameter	BOXEGC52X110
21 1/2" x 21 1/2"	6" Diameter	BOXEGC52X26
21 1/2" x 21 1/2"	8" Diameter	BOXEGC52X28
21 1/2" x 21 1/2"	10" Diameter	BOXEGC52X210
21 1/2" x 21 1/2"	12" Diameter	BOXEGC52X212
21 1/2" x 21 1/2"	14" Diameter	BOXEGC52X214



EGC5 T-Bar Return

- Aluminum Egg-Crate Return Grille
- 1/2" x 1/2" x 1/2" Grid
- Lay-In
- Baked White Enamel

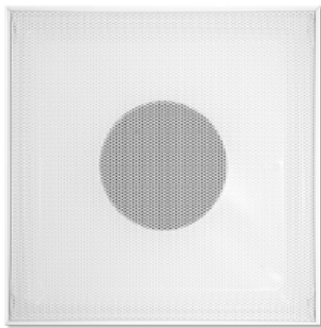
FACE

NECK

AIR DESIGN

24" x 12"	22" x 10"	EGC52210F22
24" x 24"	22" x 22"	EGC52222F22
24" x 48"	Plastic	PEG2448
12" x 24"	Hard Ceiling Frame	HCF1224
24" x 24"	Hard Ceiling Frame	HCF2424

For More Information Visit www.krueger-hvac.com



6690 Return

- Steel Perforated Return
- Round Neck
- Lay-In
- Baked White Enamel
- Hard Ceiling Frame Available

FACE

NECK

AIR DESIGN

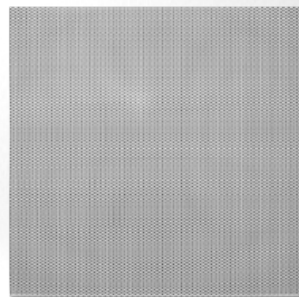
24" x 24"	6" Diameter	66906
24" x 24"	8" Diameter	66908
24" x 24"	10" Diameter	669010
24" x 24"	12" Diameter	669012
24" x 24"	14" Diameter	669014
24" x 24"	16" Diameter	669016

For More Information Visit www.krueger-hvac.com



6790

Steel Perforated Return Face Only



FACE

AIR DESIGN

24" x 24"	67902424
24" x 12"	67902412



Plenum Slot Diffuser

- Adjustable Blade
- Black Finish

LENGTH

NECK

AIR DESIGN

24"	6" Round	PTBS624
48"	6" Round	PTBS648
24"	8" Round	PTBS824
48"	8" Round	PTBS848
24"	10" Round	PTBS1024
48"	10" Round	PTBS1048

For More Information Visit www.krueger-hvac.com





acutherm™

Therma-Fuser™ Systems



Features

- | | |
|--|---|
| + Comfort - Individual temperature control | ✓ |
| + Comfort - Superior air distribution | ✓ |
| + Energy - Energy saving system | ✓ |
| + Sustainability - Adaptable system | ✓ |
| + Sustainability - No diffuser maintenance | ✓ |
| + Simplicity - No diffuser wiring | ✓ |
| + Simplicity - BAS only monitors parts of system requiring periodic maintenance | ✓ |

NOTES:

10 year warranty on Therma-Fuser™ Series diffusers. (Not applicable to diffuser options and accessories.)

FACE	NECK	AIR DESIGN #
24" x 24"	6" Diameter	TF-HC6
24" x 24"	8" Diameter	TF-HC8
24" x 24"	10" Diameter	TF-HC10
24" x 24"	12" Diameter	TF-HC12

For More Information Visit www.acutherm.com

Scan For Therma-Fuser™
Systems Overview



Inputs from BAS

Outputs from BAS

THERMA-FUSER™ SYSTEM OPTIONS

(Maintains room temperature with no input or output from BAS.)

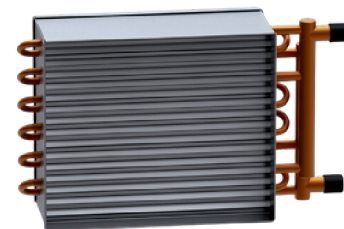
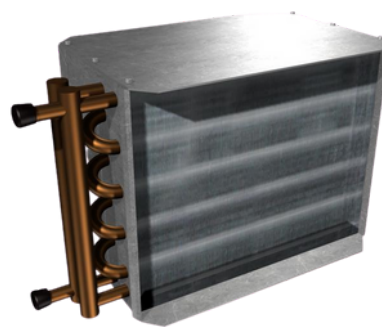
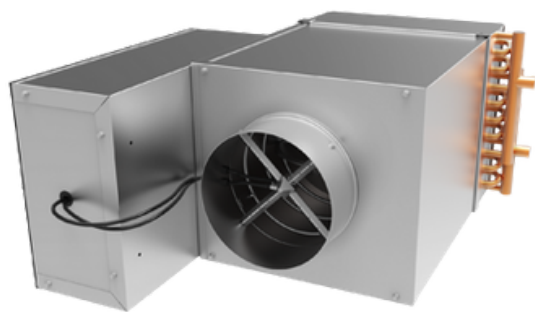
TYPICAL INDUSTRY CONTROL OPTIONS

Occupancy Schedule
Emergency Override
Static Pressure Setpoint
Discharge Air Cooling Setpoint
Discharge Air Heating Setpoint
Minimum Outdoor Air Setpoint

Discharge Air Temperature
Static Pressure Mode
Chilled Water Temperature
Hot Water Temperature
Supply Fan Capacity
Exhaust Fan Capacity
Return Air Capacity
Economizer Enabled
Outdoor Air Temperature
Outdoor Air Damper Position
Outdoor Airflow
Return Air Temperature
Mixed Air Temperature
Space Temperature
Filter Differential Pressure



AIR DISTRIBUTION SYSTEM DESIGN



VAV Boxes

SIZE	CONTROL	MAX CFM	AIR DESIGN #
6"	Pneu	515	LMHS6
8"	Pneu	920	LMHS8
10"	Pneu	1430	LMHS10
12"	Pneu	2060	LMHS12
14"	Pneu	2800	LMHS14
6"	No	515	LMHS000006
8"	No	920	LMHS000008
10"	No	1430	LMHS000010
12"	No	2060	LMHS000012
14"	No	2800	LMHS000014
16"	No	3660	LMHS000016

VAV Box Coils

SIZE	DIMENSION	AIR DESIGN #
1 Row 6" LMHS	12" x 8"	COIL1R06
1 Row 8" LMHS	12" x 10"	COIL1R08
1 Row 10" LMHS	14" x 12 ½"	COIL1R10
1 Row 12" LMHS	16" x 15"	COIL1R12
1 Row 14" LMHS	20" x 17 ½"	COIL1R14
2 Row 6" LMHS	12" x 8"	COIL2R06
2 Row 8" LMHS	12" x 10"	COIL2R08
2 Row 10" LMHS	14" x 12 ½"	COIL2R10
2 Row 12" LMHS	16" x 15"	COIL2R12
2 Row 14" LMHS	20" x 17 ½"	COIL2R14



VFD Round Fire Damper

- Static Fire Damper
- Round Butterfly Blade
- UL 1 ½ Hour Rated
- 165° Fusible Link
- Vertical Mounting Position

For More Information Visit www.pottorff.com



SIZE

AIR DESIGN

4" Diameter	VFD-15R04
6" Diameter	VFD-15R06
8" Diameter	VFD-15R08
10" Diameter	VFD-15R10
12" Diameter	VFD-15R12
14" Diameter	VFD-15R14
16" Diameter	VFD-15R16
18" Diameter	VFD-15R18
20" Diameter	VFD-15R20



VFD Rectangular Fire Damper

- Dynamic Rated 2000 FPM
- Curtain Style Blade
- UL 1 ½ Hour Rated
- 165° Fusible Link
- Vertical + Horizontal Mounting Position

For More Information Visit www.pottorff.com



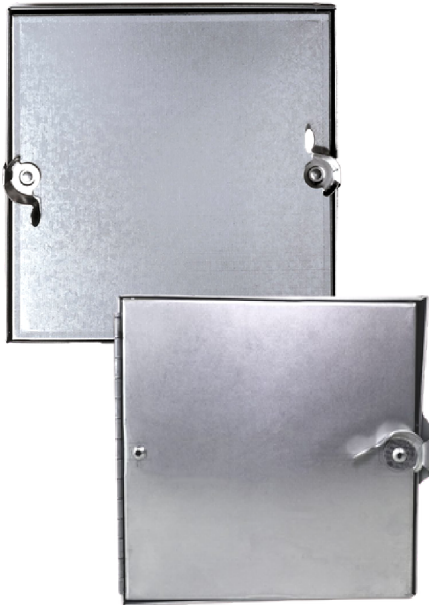
SIZE

AIR DESIGN

8" x 8"	VFD-10D0808
10" x 10"	VFD-10D1010
16" x 8"	VFD-10D1608
12" x 12"	VFD-10D1212
18" x 12"	VFD-10D1812
24" x 12"	VFD-10D2412



Full Line of Smoke + Fire Dampers Available



Duct Access Door

- Cam Latch + Hinged Available
- 22GA Steel Frame
- Pre-Formed Tabs
- For Sheet Metal Duct
- Larger Sizes + Types Available
- 24GA 1" Fiberglass Insulated Steel Door

CAM

AIR DESIGN

6" x 6"

CD508066

8" x 8"

CD508088

10" x 10"

CD50801010

12" x 12"

CD50801212

14" x 14"

CD50801414

16" x 16"

CD50801616

18" x 18"

CD50801818

20" x 20"

CD50802020

24" x 24"

CD50802424

HINGED

AIR DESIGN

20" x 20"

HD50702020

24" x 24"

HD50702424



Spiral Pipe Access Door

- Non-Insulated
- Tight Sealing Screw Knobs

PIPE RANGE

SIZE

AIR DESIGN

6" - 7" Round

4" x 8"

MRADU487

8" - 11" Round

4" x 8"

MRADU4811

12" - 14" Round

4" x 8"

MRADU4814

15" - 18" Round

8" x 12"

MRADU81218

20" - 24" Round

12" x 16"

MRADU121624

Drywall + Walk-In Access Doors Available



ACCESS to **EVERYTHING**

For More Information Visit www.acudor.com



UF-5000 Access Door



DW-5040 Access Door



SHEET METAL PIPE + FITTINGS



Flat Bushing

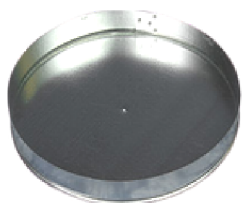
DIAMETER **AIR DESIGN #**

4" to 3"	FB43
6" to 3"	FB63
6" to 4"	FB64
6" to 5"	FB65
7" to 6"	FB76
8" to 5"	FB85
8" to 6"	FB86
8" to 7"	FB87
9" to 7"	FB97
10" to 6"	FB106
10" to 7"	FB107
10" to 8"	FB108
10" to 9"	FB109
12" to 6"	FB126
12" to 8"	FB128
12" to 9"	FB129
12" to 10"	FB210
14" to 6"	FB146
14" to 8"	FB148
14" to 10"	FB1410
14" to 12"	FB1412

Snap Lock End Cap

DIAMETER **AIR DESIGN #**

3"	TC03
4"	TC04
5"	TC05
6"	TC06
7"	TC07
8"	TC08
9"	TC09
10"	TC10
12"	TC12
14"	TC14
16"	TC16
18"	TC18
20"	TC20



Snap Lock Pipe

Male/Female • 60" Length • 24" + 48" Lengths Available

DIAMETER **AIR DESIGN #**

4"	P1266004
5"	P1266005
6"	P1266006
7"	P1266007
8"	P1266008
9"	P1266009
10"	P1266010
12"	P1266012
14"	P1266014
16"	P1266016



90° Adjustable Elbows

DIAMETER **AIR DESIGN #**

3"	EL2603
4"	EL2604
5"	EL2605
6"	EL2606
7"	EL2607
8"	EL2608
9"	EL2609
10"	EL2610
12"	EL2612
14"	EL2614
16"	EL2616
18"	EL2418
20"	EL2420



1.5 CLR 90° Elbows

Hard Standing Seam

DIAMETER **AIR DESIGN #**

14"	GEL90-14
16"	GEL90-16
18"	GEL90-18

**Aluminum + Stainless Steel + Other
Gauges Available**

A-Collars



DIAMETER	AIR DESIGN #
4"	AC04
6"	AC06
7"	AC07
8"	AC08
10"	AC10
12"	AC12
14"	AC14
16"	AC16
18"	AC18
20"	AC20

Extended A-Collars



DIAMETER	AIR DESIGN #
4"	EXT04
5"	EXT05
6"	EXT06
7"	EXT07
8"	EXT08
9"	EXT09
10"	EXT10
12"	EXT12
14"	EXT14
16"	EXT16
18"	EXT18
20"	EXT20
22"	EXT22
24"	EXT24

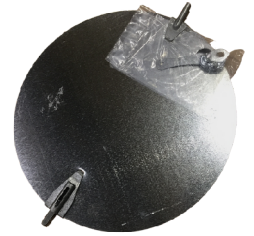
High Efficiency Take-Off



DIAMETER	AIR DESIGN #
6"	HIEFF6
8"	HIEFF8
10"	HIEFF10
12"	HIEFF12
14"	HIEFF14
16"	HIEFF16
18"	HIEFF18

JDS Jiffy Dampers

DIAMETER	AIR DESIGN #
4"	JDS4
5"	JDS5
6"	JDS6
7"	JDS7
8"	JDS8
9"	JDS9
10"	JDS10
12"	JDS12
14"	JDS14
16"	JDS16
18"	JDS18
20"	JDS20



Snap Lock Tee

DIAMETER	AIR DESIGN #
9"	TEE09
10"	TEE10
12"	TEE12
14"	TEE14
16"	TEE16



Duct Board Collars With Damper

Tabbed • Available Without Damper

DIAMETER	AIR DESIGN #
6"	DBTWD06
8"	DBTWD08
10"	DBTWD10
12"	DBTWD12
14"	DBTWD14



Flat Sheet Metal

SIZE	GAUGE	AIR DESIGN #
12" x 12"	24	FLAT24
3' x 8'	26	FLAT26

SHEET METAL PIPE + FITTINGS

Conical No Damper

DIAMETER	AIR DESIGN #
5"	EZ05
6"	EZ06
7"	EZ07
8"	EZ08
9"	EZ09
10"	EZ10
12"	EZ12
14"	EZ14
16"	EZ16

Conical With Damper

DIAMETER	AIR DESIGN #
4"	EZD04
5"	EZD05
6"	EZD06
7"	EZD07
8"	EZD08
9"	EZD09
10"	EZD10
12"	EZD1224
14"	EZD1424
16"	EZD1624
18"	EZD1824



Air-Tight Take-Off No Damper

DIAMETER	AIR DESIGN #
4"	E04
5"	E05
6"	E06
7"	E07
8"	E08
9"	E09
10"	E10
12"	E12
14"	E1424
16"	E1624

Air-Tight Take-Off With Damper

DIAMETER	AIR DESIGN #
6"	ED06
8"	ED08
10"	ED10
12"	ED12
14"	ED14
16"	ED16



Aluminum + Stainless Steel + Other Gauges Available

Unless Specified All Sheet Metal Pipe + Fitting 26 Gauge Galvanized

ADVERTISEMENT

CLAMP TOGETHER DUCT SYSTEMS

2021 CATALOG



Scan For Full Digital
Product Catalog



SPIRAL PIPE + FITTINGS

Spiral Pipe

Galvanized • Heavier Gauges Available • 10' Length

DIAMETER	GAUGE	AIR DESIGN #
3"	26	SP03
4"	26	SP04
5"	26	SP05
6"	26	SP06
7"	26	SP07
8"	26	SP08
9"	26	SP09
10"	26	SP10
12"	26	SP12
14"	26	SP14
16"	24	SP16
18"	24	SP18
20"	24	SP20
22"	24	SP22
24"	24	SP24

Spiral Pipe Connector

Galvanized • Male • Connects Spiral Pipe

DIAMETER	AIR DESIGN #
3"	SPC03
4"	SPC04
5"	SPC05
6"	SPC06
7"	SPC07
8"	SPC08
9"	SPC09
10"	SPC10
12"	SPC12
14"	SPC14
16"	SPC16
18"	SPC18
20"	SPC20
22"	SPC22
24"	SPC24



Spiral Elbow Short Throat Radius

Galvanized • Non-Welded • 1 1/2 CL Radius Available

DIAMETER	AIR DESIGN # 90°	AIR DESIGN # 45°
4"	SSEL904L	SSEL404L
5"	SSEL905L	---
6"	SSEL906L	SSEL406L
8"	SSEL908L	SSEL408L
10"	SSEL910L	SSEL410L
12"	SSEL912L	SSEL412L
14"	SSEL914L	SSEL414L
16"	SSEL916L	SSEL416L
18"	SSEL918L	SSEL418L
20"	SSEL920L	SSEL420L
22"	SSEL922L	SSEL422L
24"	SSEL924L	SSEL424L

Spiral Elbow Long Radius

DIAMETER	AIR DESIGN # 90°	AIR DESIGN # 45°
6"	SSI5EL906	---
8"	SSI5EL908	---
10"	SSI5EL910	---
12"	SSI5EL912	SSI5EL412
14"	SSI5EL912	SSI5EL414
18"	---	SSI5EL418
20"	---	SSI5EL420

Spiral 90° Shoe Tap

Galvanized • Non-Welded • 45° Shoe Taps Available

TAP DIAMETER	PIPE DIAMETER	AIR DESIGN #
4"	8" to 12"	604A
5"	8" to 12"	605A
6"	6" to 10"	606
6"	12" to 16"	606A
7"	7" to 10"	607
7"	12" to 16"	607A
8"	8" to 12"	608
8"	14" to 18"	608A
9"	9" to 12"	609
9"	14" to 18"	609A
10"	10" to 14"	610
10"	16" to 20"	610A
12"	12" to 16"	612
12"	18" to 22"	612A
14"	14" to 18"	614
14"	20" to 24"	614A
16"	16" to 20"	616
18"	18" to 24"	618
18"	18" to 26"	618A

Spiral 90° Tee

Non-Welded • Straight Barrel + 90° Tees In Stock Reducing Barrel + Tees Available • 45° Available

DIAMETER	AIR DESIGN #
4" x 4" x 4"	TEESP04
6" x 6" x 6"	TEESP06
8" x 8" x 8"	TEESP08
10" x 10" x 10"	TEESP10
12" x 12" x 12"	TEESP12
14" x 14" x 14"	TEESP14
16" x 16" x 16"	TEESP16
18" x 18" x 18"	TEESP18
20" x 20" x 20"	TEESP20
22" x 22" x 22"	TEESP22
24" x 24" x 24"	TEESP24

Spiral End Cap

Galvanized • Male Fitting • Non-Welded

DIAMETER	AIR DESIGN #
3"	EC03
4"	EC04
5"	EC05
6"	EC06
7"	EC07
8"	EC08
9"	EC09
10"	EC10
12"	EC12
14"	EC14
16"	EC16
18"	EC18
20"	EC20
22"	EC22
24"	EC24



Slip + Drive Cleats

26 Gauge Galvanized • Used to Assemble Rectangular Duct • 5' Lengths

CLEAT	AIR DESIGN #
Slip Cleat	SCLEAT
Drive Cleat	DCLT



Taper Reducer

Galvanized • Concentric Reducers Standard • Eccentric Reducers Available • Standard Reduction of 6" • Non-Welded

DIAMETER	AIR DESIGN # SPIRAL	AIR DESIGN # WARM
4" to 3"	---	TR43
5" to 4"	---	TR54
6" to 4"	TRS64	TR64
6" to 5"	TRS65	TR65
7" to 5"	---	TR75
7" to 6"	---	TR76
8" to 4"	---	TR84
8" to 6"	TRS86	TR86
8" to 7"	---	TR87
9" to 7"	---	TR97
9" to 8"	---	TR98
10" to 5"	---	TR105
10" to 6"	TRS106	TR106
10" to 7"	---	TR107
10" to 8"	TRS108	TR108
10" to 9"	---	TR109
12" to 6"	TRS126	TR126
12" to 8"	TRS128	TR128
12" to 9"	---	TR129
12" to 10"	TRS1210	TR1210

DIAMETER	AIR DESIGN # SPIRAL	AIR DESIGN # WARM
14" to 6"	TRS146	TR146
14" to 8"	TRS148	TR148
14" to 10"	TRS1410	TR1410
14" to 12"	TRS1412	TR1412
16" to 10"	TRS1610	TR1610
16" to 12"	TRS1612	TR1612
16" to 14"	TRS1614	TR1614
18" to 12"	TRS1812	TR1812
18" to 14"	TRS1814	TR1814
18" to 16"	TRS1816	---
20" to 12"	TRS2012	---
20" to 14"	TRS2014	---
20" to 16"	TRS2016	---
20" to 18"	TRS2018	---
22" to 18"	TRS2218	---
22" to 20"	TRS2220	---
24" to 16"	TRS2416	---
24" to 18"	TRS2418	---
24" to 20"	TRS2420	---
24" to 22"	TRS2422	---
26" to 18"	TRS2618	---



Welded Taper Reducer

Standard Reducing
Specify Male or Angle Ring Connection

Welded 45° Lateral

Straight Barrel or Reducing
Specify Male or Angle Ring Connection

Welded 90° Tee

Straight Barrel or Reducing
Specify Male or Angle Ring Connection

145° Split Welded Wye

Pair of Pants or True Wye
Specify Male or Angle Ring Connection

Welded 90° + 45° Elbows

1 ½ Times CLR • 30° + 60° Available • Stitch Weld
Specify Male or Angle Ring Connection

DIAMETER **AIR DESIGN # 90°** **AIR DESIGN # 45°**

3" - 1 ½" CLR	EL903H	EL403H
4" - 1 ½" CLR	EL904H	EL404H
5" - 1 ½" CLR	EL905H	EL405H
6" - 1 ½" CLR	EL906H	EL406H
8" - 1 ½" CLR	EL908H	EL408H
9" - 1 ½" CLR	EL909H	EL409H
10" - 1 ½" CLR	EL910H	EL410H
12" - 1 ½" CLR	EL912H	EL412H



Full Blastgate

18 Gauge Galvanized Slide • Cast Aluminum • Half Blastgate
Available • Locking Screw

SIZE **AIR DESIGN #**

2"	BGF02
3"	BGF03
4"	BGF04
5"	BGF05
6"	BGF06
7"	BGF07
8"	BGF08
9"	BGF09
10"	BGF10
12"	BGF12
14"	BGF14
16"	BGF16
18"	BGF18



Welded Square To Round Transition

Provide Dimensions: Height, Diameter, Length, Width + Specify Connection Type
If Not Concentric, Supply Sketch

Welded Pipe

18 Gauge + Thicker • 4' Sections • Can Be Welded Together to 10' or 12' • Minimum 8" Diameter
See OD Tubing For 6" or Less

16 Gauge Electro Weld OD Tubing

2" - 8" Diameter • 10' - 20' Lengths



B-VENT FITTINGS

4" B-Vent Storm Collar	AIR DESIGN #: 4RS
6" B-Vent Storm Collar	AIR DESIGN #: 6RS
8" B-Vent Storm Collar	AIR DESIGN #: 8RS
10" B-Vent Storm Collar	AIR DESIGN #: 10RS
4" B-Vent Metal Cap	AIR DESIGN #: 4RM
6" B-Vent Metal Cap	AIR DESIGN #: 6RM
8" B-Vent Metal Cap	AIR DESIGN #: 8RM
10" B-Vent Metal Cap	AIR DESIGN #: 10RM
4" B-Vent Roof Flashing	AIR DESIGN #: 4RF
6" B-Vent Roof Flashing	AIR DESIGN #: 6RF
8" B-Vent Roof Flashing	AIR DESIGN #: 8RF
10" B-Vent Roof Flashing	AIR DESIGN #: 10RF
4" B-Vent Tall Cone Roof Flashing	AIR DESIGN #: 4RFA
6" B-Vent Tall Cone Roof Flashing	AIR DESIGN #: 6RFA
8" B-Vent Tall Cone Roof Flashing	AIR DESIGN #: 8RFA
10" B-Vent Tall Cone Roof Flashing	AIR DESIGN #: 10RFA

B-Vent 90° + 45° Adjustable Elbows

DIAMETER	AIR DESIGN # 90°	AIR DESIGN # 45°
4"	4RPA90	4RPA45
6"	6RPA90	6RPA45
8"	8RPA90	8RPA45
10"	10RPA90	10RPA45

B-Vent Adjustable Pipe

8" - 18" Adjustable Lengths

DIAMETER	AIR DESIGN #
4"	4RPA
6"	6RPA
8"	8RPA
10"	10RPA

B-Vent Pipe

DIAMETER	LENGTH	AIR DESIGN #
4"	2'	4RP24
6"	2'	6RP24
8"	2'	8RP24
10"	2'	10RP24
4"	3'	4RP3
6"	3'	6RP3
8"	3'	8RP3
10"	3'	10RP3
4"	4'	4RP4
6"	4'	6RP4
8"	4'	8RP4
10"	4'	10RP4
4"	5'	4RP5
6"	5'	6RP5
8"	5'	8RP5
10"	5'	10RP5



Angle Rings

All Rings Unpainted Black Steel • Available Without Holes Aluminum + Stainless Steel Available • Custom Rings Available

SIZE	H W T (INCH)	ID (INCH)	NO. HOLES	SIZE OF HOLES	BOLT CENTERS	LBS	AIR DESIGN #
3	7/8 x 1 x 10 Ga	3 1/16	6	9/32	4 5/16	0.70	KBAR3
4	15/16 x 1 x 10 Ga	4 1/16	6	9/32	5 5/16	0.85	KBAR4
5	1 x 1 x 10 Ga	5 1/16	6	9/32	6 5/16	1.20	KBAR5
6	1 1/4 x 1 1/4 x 1/8	6 1/8	6	3/8	7 5/16	1.75	KBAR6
7	1 1/4 x 1 1/4 x 1/8	7 1/8	6	3/8	8 1/2	2.00	KBAR7
8	1 1/4 x 1 1/4 x 1/8	8 1/8	6	3/8	9 9/16	2.25	KBAR8
9	1 1/4 x 1 1/4 x 1/8	9 1/8	6	7/16	10 5/8	2.50	KBAR9
10	1 1/4 x 1 1/4 x 1/8	10 1/8	6	7/16	11 13/16	2.75	KBAR10
11	1 1/4 x 1 1/4 x 1/8	11 1/8	6	7/16	12 3/4	3.00	KBAR11
12	1 1/2 x 1 1/2 x 1/8	12 1/8	8	7/16	14	4.00	KBAR12
13	1 1/2 x 1 1/2 x 1/8	13 1/8	8	7/16	15	4.25	KBAR13
14	1 1/2 x 1 1/2 x 1/8	14 1/8	8	7/16	16	4.75	KBAR14
15	1 1/2 x 1 1/2 x 1/8	15 1/8	8	7/16	17	5.00	KBAR15
16	1 1/2 x 1 1/2 x 3/16	16 1/8	8	7/16	18	8.00	KBAR16
17	1 1/2 x 1 1/2 x 3/16	17 1/8	8	7/16	19	8.25	KBAR17
18	1 1/2 x 1 1/2 x 3/16	18 1/8	8	7/16	20	8.50	KBAR18
19	1 1/2 x 1 1/2 x 3/16	19 1/8	12	7/16	20 3/4	8.75	KBAR19
20	1 1/2 x 1 1/2 x 3/16	20 1/8	12	7/16	21 3/4	9.50	KBAR20
21	1 1/2 x 1 1/2 x 3/16	21 1/8	12	7/16	22 3/4	10.25	KBAR21
22	1 1/2 x 1 1/2 x 3/16	22 1/8	12	7/16	23 3/4	10.75	KBAR22
23	1 1/2 x 1 1/2 x 3/16	23 1/8	12	7/16	24 7/8	11.25	KBAR23
24	1 1/2 x 1 1/2 x 3/16	24 1/8	12	7/16	25 7/8	11.50	KBAR24





Insulated Flexible Duct

- UL-181 Class 1 Air Duct
- Encapsulated Wire Helix with Grey Polyester Jacket
- 6" w.g. Recommended Positive Operating Pressure
- -20°F to 140°F Temperature Range

For More Information Visit www.atcoflex.com



ATCO RUBBER PRODUCTS, INC

DIAMETER AIR DESIGN

6"	IF06R8
8"	IF08R8
10"	IF10R8

R8 Insulation

DIAMETER AIR DESIGN

4"	IF04R6
5"	IF05R6
6"	IF06R6
7"	IF07R6
8"	IF08R6
10"	IF10R6
12"	IF12R6
14"	IF14R6
16"	IF16R6
18"	IF18R6
20"	IF20R6

R6 Insulation



Non-Insulated Flexible Duct

- UL-181 Class 1 Air Duct
- Encapsulated Wire Helix with Triple Lamination Polyester Aluminum Foil
- 6" w.g. Recommended Positive Operating Pressure
- -20°F to 140°F Temperature Range
- R6 Insulation

For More Information Visit www.atcoflex.com



ATCO RUBBER PRODUCTS, INC

DIAMETER AIR DESIGN

4"	NIF04
5"	NIF05
6"	NIF06
7"	NIF07
8"	NIF08
10"	NIF10
12"	NIF12
14"	NIF14
16"	NIF16

Medium High Pressure Flexible Duct

For More Information Visit www.thermafex.net



DIAMETER AIR DESIGN

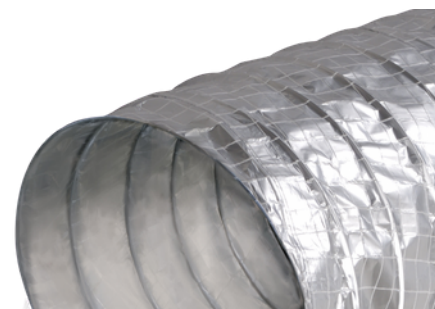
3"	SLP103
4"	SLP104
5"	SLP105
6"	SLP106
7"	SLP107
8"	SLP108
9"	SLP109
10"	SLP1010
12"	SLP1012
14"	SLP1014

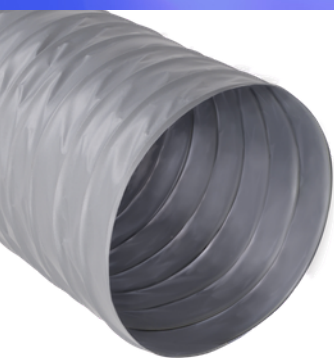
25' Lengths

DIAMETER AIR DESIGN

16"	STL1016
18"	STL1018
20"	STL1020

15' Lengths





High Pressure Flexible Duct

- Type D, UL-181 Class 1 Air Duct
- Mechanically Locked To An External Helix
- 20" SP w.c. (2" - 20" Diameter) Positive Pressure
- 20°F to 250°F Operating Temperature
- 5500 FPM Velocity

DIAMETER AIR DESIGN

3"	D3
4"	D4
8"	D8
10"	D10
12"	D12
14"	D14
16"	D16
18"	D18
20"	D20

25' Lengths

For More Information Visit www.peppertreeairsolutions.net



Insulated Flexible Duct

- Type HM Acoustical, UL-181 Class 1 Air Duct
- Acoustic Rated
- Smooth Lock Interior Core of CPE Mechanically Locked To An External Helix
- R6 Insulation With Reinforced Metalized Vapor Barrier
- 12" SP w.c. (4" - 20" Diameter) Positive Pressure
- 5500 FPM Velocity

DIAMETER AIR DESIGN

4"	HM4
6"	HM6
8"	HM8
10"	HM10
12"	HM12
14"	HM14
16"	HM16
18"	HM18
20"	HM20

25' Lengths

For More Information Visit www.peppertreeairsolutions.net



Insulated Duct Sleeve

- Thick Fiberglass Insulation Blanket In Reinforced Grey Polyester Vapor Barrier Jacket
- 5' Lengths (Extra 2" Jacket Length)
- -20°F to 250°F Temperature Range

DIAMETER AIR DESIGN

4"	PS04R6
6"	PS06R6
8"	PS08R6
10"	PS10R6
12"	PS12R6
14"	PS14R6

R6 Insulation

For More Information Visit www.atcoflex.com

DIAMETER AIR DESIGN

10"	PS10R8
12"	PS12R8

R8 Insulation



ATCO RUBBER PRODUCTS, INC

INDUSTRIAL FLEXIBLE DUCT

Hi-Tech "RFH" Hose

Thermoplastic Rubber • General Purpose Dust + Fume Removal Hose



DIAMETER	AIR DESIGN #
3"	RFH03
4"	RFH04
5"	RFH05
6"	RFH06
7"	RFH07
8"	RFH08

Hi-Tech "CVD" Hose

Polyvinylchloride • General Purpose Fume Removal + Dust Collection + Ventilation Hose



DIAMETER	AIR DESIGN #
3"	CVD3
4"	CVD4
5"	CVD5
6"	CVD6
7"	CVD7
8"	CVD8

Tru-Flex Flexible Metal Hose

Good Abrasion + Pressure Capabilities



DIAMETER	AIR DESIGN #
1 1/2"	MH15
2"	MH2
3"	MH3
4"	MH4
5"	MH5
6"	MH6
7"	MH7
8"	MH8
9"	MH9
10"	MH10
12"	MH12

Hi-Tech "UFD" Hose

Thermoplastic Polyurethane

DIAMETER	AIR DESIGN #
3"	UFD03C
4"	UFD04C
5"	UFD05C
6"	UFD06C
7"	UFD07C
8"	UFD08C



Microlite® FSK Formaldehyde-Free™ Duct Wrap

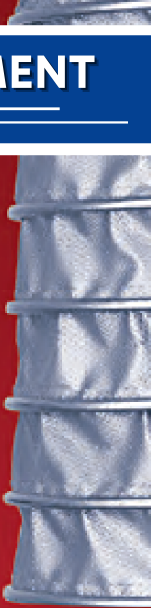
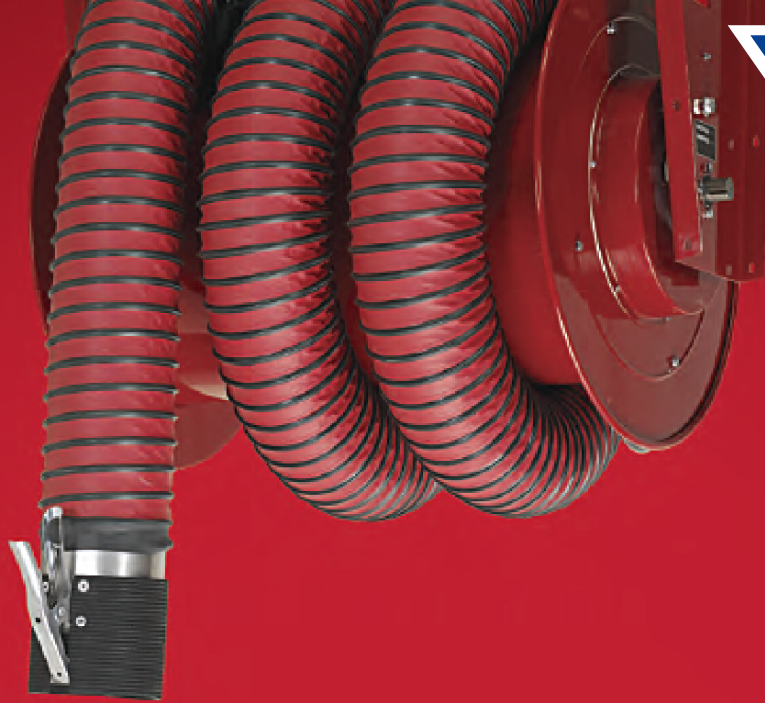
For More Information Visit www.jm.com



SIZE	R-VALUE	AIR DESIGN #
1 1/2" x 48" x 100'	4.2	INFSK48
2" x 48" x 75'	5.7	INFSKR6
3" x 48" x 50'	5.0	INFSKR8



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**DURO
DYNE**

POLYKEN® 3M® DARCO®



1. Polyken 337 Premium Foil Tape **AIR DESIGN #:** AL337
2. 3M VentureTape™ 1525CW
3. Hardcast Aluminum Grip Premium Foil Tape **AIR DESIGN #:** HC7013
4. Polyken 339 Cold Weather Premium Foil Tape **AIR DESIGN #:** AL339
5. Polyken 557 UL 181B-FX Premium Duct Tape **AIR DESIGN #:** 557
6. Polyken 335 B-Vent High-Temperature Flue Tape **AIR DESIGN #:** 335FT
7. Darco Tetraglas® High-Temperature Fiberglass Tape **AIR DESIGN #:** TETRATAPE
8. Polyken Seal Tape Rubber Tape Adhesive **AIR DESIGN #:** NEXGASK
9. Polyken Flange Gasket Tape **AIR DESIGN #:** POLYBT25

RIGHT: DuroDyne Silicone Caulk **AIR DESIGN #:** SSWC (White) SSCC (Clear) SSAC (Aluminum) SSRC (Red)





10. Polymer Adhesives Airseal 22 Duct Sealer **AIR DESIGN #:** AS22T (10.5 fl oz) AS22G (Gallon) 11. DuroDyne DTWA Web Adhesive **AIR DESIGN #:** DTWA 12. DuroDyne Dyn-O-Coat Edge Coating **AIR DESIGN #:** DCEC 13. Polymer Adhesives Airseal Zero Duct Sealer **AIR DESIGN #:** ASZERO-G (Gallon) 14. Polyken 338 Foil Scrim Kraft Tape **AIR DESIGN #:** FSK338



15. Polymer Adhesives Airseal Zero Duct Sealer **AIR DESIGN #:** ASZERO-T (10.5 fl oz) 16. Hi-Temp Red Caulk **AIR DESIGN #:** PT302H 17. Boss Products Fire Stop Caulk **AIR DESIGN #:** FIRESTOP 18. Boss Products 363 Sealant 19. Polymer Adhesives Airseal 22 Duct Sealer **AIR DESIGN #:** AS22T

DON'T FORGET



Chrome Caulking Gun **AIR DESIGN #:** CRG



NUTS + BOLTS

3/8" Spring Nuts	AIR DESIGN #: N228
1/2" Spring Nuts	AIR DESIGN #: N225
3/8" Hex Nuts (100)	AIR DESIGN #: EHN7-100
1/2" Hex Nuts (100)	AIR DESIGN #: EHN8-100
3/8" Hex Nuts (50)	AIR DESIGN #: EHN8-50
3/8" x 1" Hex Bolts (100)	AIR DESIGN #: HC3/8X1
3/8" x 1 1/2" Hex Bolts (100)	AIR DESIGN #: HC3/8X1-1/2
1/2" x 1 1/4" Hex Bolts	AIR DESIGN #: HC1/2X1-1/4EACH
1/2" x 1 1/4" Hex Bolts (100)	AIR DESIGN #: HC1/2X1-1/4BOX
1/2" 16 Thread Combo Nuts	AIR DESIGN #: NW525EA
3/8" 16 Thread Combo Nuts	AIR DESIGN #: NW528EA
3/8" 16 Thread Buzz Nuts	AIR DESIGN #: SLWN38ZN

Toggle Bolts

SIZE	COUNT	AIR DESIGN #
1/4" x 4"	50 / Box	ETB22
1/4" x 5"	50 / Box	ETB23
3/8" x 3"	50 / Box	ETB29
3/8" x 4"	50 / Box	ETB30
1/4" x 3"	50 / Box	ETBM21
1/4" x 4"	50 / Box	ETBM22

Wire Cable

SIZE	LENGTH	AIR DESIGN #
3/32"	500'	WC3
1/8"	500'	WC4



Wire Cable Cutter

Cable Wire Cutter Code DTWRCL

AIR DESIGN #: 818263

Nexus Flange

TYPE	COUNT	AIR DESIGN #
"J" 1 3/8" x 12'	Each	NEXFL
Corners	200 / Case	NEXCOR
Cleats	500 / Case	NEXCL
Nuts + Bolts	500 Pairs / Case	NEXNB
Neoprene	20' - 25' Rolls / Case	NEXNEO

Wire Cable Locks

SIZE	COUNT	AIR DESIGN #
1/16" + 3/32"	10 / Box	CL12EA
1/16" + 3/32"	100 / Box	CL12
3/32" + 1/8"	10 / Box	CL18EA
3/32" + 1/8"	100 / Box	CL18

Dial Regulator

SIZE	AIR DESIGN #
1/4"	KR2
3/8"	KR3
1/4"	KR145





Saber Screw (Zip) Self Piercing

SIZE	HEAD	COUNT	AIR DESIGN #
7" x 1/2"	1/4"	1000 / Box	SAT712
8" x 1/2"	1/4"	1000 / Box	SAT812
8" X 3/4"	1/4"	1000 / Box	SAT834
8" X 1"	1/4"	1000 / Box	SAT810
8" X 1 1/2"	1/4"	1000 / Box	SAT8115
8" X 2"	1/4"	1000 / Box	SAT820
10" X 3/4"	1/4"	1000 / Box	SAT1034



Pro Point Screws (Tek) Self Drill

SIZE	HEAD	COUNT	AIR DESIGN #
8" x 1/2"	1/4"	1000 / Box	PPT8X12
8" x 3/4"	1/4"	1000 / Box	PPT8X34
10" x 3/4"	5/16"	1000 / Box	PPT10X34
10" x 1"	5/16"	1000 / Box	PPT10X1
12" x 3/4"	5/16"	1000 / Box	PPT12X34

High Hat Screws

SIZE	HEAD	COUNT	AIR DESIGN #
10" x 3/4"	5/16"	1000 / Box	PPT10HHX3/4
10" x 5/16"	1 1/2"	1000 / Box	PPT10HHX5/16
10" x 3/4"	5/16"	100 / Box	PPC10HHX34
8" x 3/4"	1/4"	100 / Box	PPC8HHX34

Anchor Kits

SIZE	COUNT	AIR DESIGN #
6" x 1"	100 / Box	EZ16X1
8" x 1 1/4"	100 / Box	EZ18X14

Plastic Anchors

1/4" x 1" Size • 100 / Box Count

AIR DESIGN #: ECA3

Bracket Assembly - CL12 Locks

COUNT	AIR DESIGN #
10 / Box	KV12BOX
100 / Box	KV12



Drop In Anchors

SIZE	COUNT	AIR DESIGN #
1/4"	100 / Box	DA14
3/8"	100 / Box	DA38



Nail-In Anchors

SIZE	COUNT	AIR DESIGN #
2/4"	100 / Box	HD14X1
1/4" x 1 1/4"	100 / Box	HD14X114
1/4" x 1 1/2"	100 / Box	HD14X15



QUALITY PRODUCTS

Cut Cleat (500)
Corners (200)
J-Flange 12' Length
Neoprene Gasket Case (1,350')
Foam Gaskets - Roll (50')
Foam Gasket - Case (15 - 50' Rolls)
Nuts + Bolts (100 Count)
Nuts + Bolts (200 Count)

AIR DESIGN #: NEXCL
AIR DESIGN #: NEXCOR
AIR DESIGN #: NEXFL12
AIR DESIGN #: NEXNEO
AIR DESIGN #: NEXGASKEACH
AIR DESIGN #: NEXGASKCASE
AIR DESIGN #: NEXNB100
AIR DESIGN #: NEXNB200



1/4" Flat Steel Washer (100)	AIR DESIGN #: ESW1
3/8" Flat Steel Washer (100)	AIR DESIGN #: ESW2
1/2" Flat Steel Washer (50)	AIR DESIGN #: ESW3
3/8" Square Washer (100)	AIR DESIGN #: B20138P
1/2" Square Washer (100)	AIR DESIGN #: B202
1/4" Lock Washer (100)	AIR DESIGN #: ELW11
1/2" Plastic Lock Washer (100)	AIR DESIGN #: ELW14
1/2" Metal Lock Washer (50)	AIR DESIGN #: ELW16

Dynastick Self Adhesive Hanger + Steel Washer

SIZE	COUNT	AIR DESIGN #
1 1/4"	100 / Box	SAH114
1 3/4"	100 / Box	SAH134
2 1/2"	100 / Box	SAH250

Flange Beam Fasteners For Cable Insert

SIZE	COUNT	AIR DESIGN #
1/8" - 1/4"	100 / Box	BE24
5/16" - 1/2"	100 / Box	BE58
9/16" - 3/4"	100 / Box	BE912

Threaded Rod - Zinc Plated

SIZE	LENGTH	AIR DESIGN #
3/8"	10'	TR38Z10
1/2"	10'	TR12Z10

Fender Washer

SIZE	COUNT	AIR DESIGN #
3/16"	100 / Box	E203-100
3/16"	100 / Box	E204-100
1/4" x 1 1/4"	50 / Box	E208A-50
3/8" x 1 1/2"	100 / Box	E2015-100
1/2" x 1 1/2"	100 / Box	E2013-100

Quadrant

SIZE	AIR DESIGN #
1/4" Square	K2
1/2" Square	K4
3/8" Square	K5
1/2" Round	KL7R



Angle Iron - Black Iron

3/16" Thickness • 10' Length • 1 1/2" x 1 1/2" Size

AIR DESIGN #: A15

Magnetic Drift Pin Ratchet

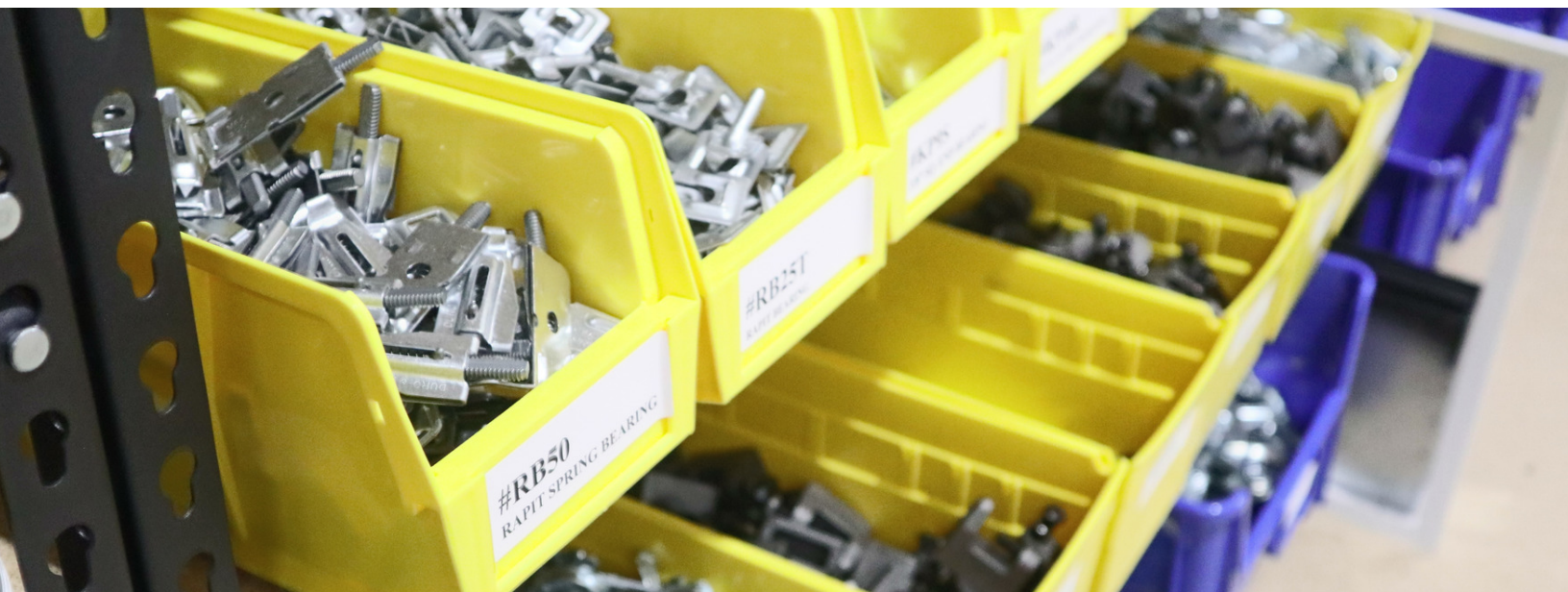
Reversible • 9" Size

AIR DESIGN #: MDPR916



Weld Pins

TYPE	THICKNESS	AIR DESIGN #
1/2" Econo-Point	1/2"	FTC12
3/4" Econo-Point	1"	FTC34
3/4" Gold Seal	1"	SSPB34



CLAMPS

Strut To Beam Window Clamp

SIZE	U-BOLT	AIR DESIGN #
1 3/16" x 1 5/8"	Single	B441-22ZN
1 5/8" x 1 5/8"	Double	B441-22AZN

3/8" Folded "C" Clamp

3/8" Top Beam Clamp

1/2" Top Beam Clamp

3/8" Wide Jaw Top Beam Clamp

1/2" Wide Jaw Top Beam Clamp

AIR DESIGN #: B351L

AIR DESIGN #: B303138

AIR DESIGN #: B303412

AIR DESIGN #: B303338

AIR DESIGN #: B303312



Strap Hangers

FLANGE THICKNESS	COUNT	AIR DESIGN #
1/8" - 1/4"	100 / Box	BH24
5/16" - 1/2"	100 / Box	BH58

Straight Strap Hanger

FLANGE THICKNESS	COUNT	AIR DESIGN #
1/8" - 1/4"	100 / Box	BH24R
5/16" - 1/2"	100 / Box	BH58R

90° Strap Hanger

FLANGE THICKNESS	COUNT	AIR DESIGN #
1/8" - 1/4"	100 / Box	BH6E24
5/16" - 1/2"	100 / Box	BH6E58

Rod Beam 3/8"

90° Zinc Strut Angle

HOLE #	COUNT	AIR DESIGN #
2	Each	B101ZINC
4	Each	B104ZINC

Double Back Strut

12 Gauge • 1 5/8" x 10' Size • Slotted Galvanized

AIR DESIGN #: PS200

Threaded Rod Coupler

SIZE	COUNT	AIR DESIGN #
3/8"	50 / Box	TR3816COUPL
1/2"	50 / Box	TR121350COUPL
1/2"	100 / Box	TR1213100COUPL



Damper Rod Clips

100 / Box Count • 3/8" Size

AIR DESIGN #: KP2538

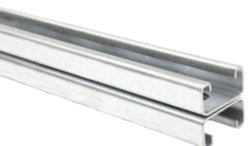
Galvanized Slotted Strut

12 Gauge • 10' Length • 1 5/8" x 1 5/8" Size

AIR DESIGN #: B24SHG10

Rapit Regulator

TYPE	COUNT	AIR DESIGN #
Spring Bearing	100 / Box	RB50
Spring Bearing	Each	RB50EACH
End Bearing	Each	RB25T
RB50 Handle	100 / Box	RP1
Wing Nut	100 / Box	RP2
Washer	100 / Box	RP3



BEARINGS

1/4" x 1 1/8" Square End Bearings
 3/8" x 1 1/8" Square End Bearings
 1/2" x 1 1/4" Square End Bearings
 1/2" x 1 1/4" Round End Bearings
 1/4" X 2" Spring Loc Bearings
 3/8" x 2 1/8" Spring Loc Bearings
 1/4" Open End Bearings (25)
 1/2" Open End Bearings (25)
 3/8" Open End Bearings (25)
 3/8" Open End Bearings (25)

AIR DESIGN #: KP8S
AIR DESIGN #: KP9S
AIR DESIGN #: KP10S
AIR DESIGN #: KP10R
AIR DESIGN #: KP6
AIR DESIGN #: KP7
AIR DESIGN #: SB114
AIR DESIGN #: SB112
AIR DESIGN #: SB138
AIR DESIGN #: SB338

Access Door Handles

SIZE	COUNT	AIR DESIGN #
3/8"	10 / Box	ADLASP10
1/2"	10 / Box	ADLASP20



Excelon® Flexible Duct Connector

Vinyl Coating • 24 Gauge • Other Material + Gauges + Sizes Available

TYPE	AIR DESIGN #
Metal-Fab®	MBX3
TDC/TDF	MBX4



Duct Liner Insulation

1" x 47" x 100' • 2 lbs Density Fiberglass

AIR DESIGN #: INDL547

Fire Angle

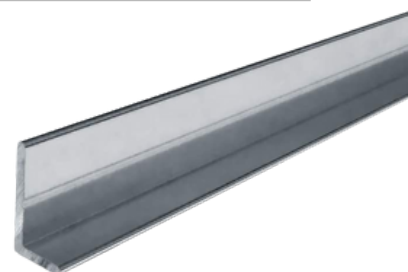
16 Gauge • 10' Lengths

AIR DESIGN #: FIREANGLE

Galvanized "L" Bar

24 Gauge • 10' Length

AIR DESIGN #: LB24120



DUCTMATE

Ductmate Gasket

SIZE	COUNT	AIR DESIGN #
3/16" x 5/8" x 25'	20 / Case	DM440CASE
3/16" x 5/8" x 25'	Roll	DM440EACH
5/16" x 3/4" x 50'	15 / Case	DMNEOCASE
5/16" x 3/4" x 50'	Roll	DMNEOEACH



Ductmate Vane

SIZE	COUNT	AIR DESIGN #
2" x 10'	Each	2VGA26
4" x 10'	Each	4VGA24

Ductmate Rail

SIZE	COUNT	AIR DESIGN #
2" x 10'	Each	2PRGA24
4" x 10'	Each	4PRGA22

Angle 20' Length **AIR DESIGN #:** DMFLG Metal Cleat (500) **AIR DESIGN #:** DMCLT Corner + Clips (250) **AIR DESIGN #:** DM35-COR



For More Information Visit www.ductmate.com

H-E-P TURNING VANES & RAILS

AERO DYNE

High Efficiency Profile



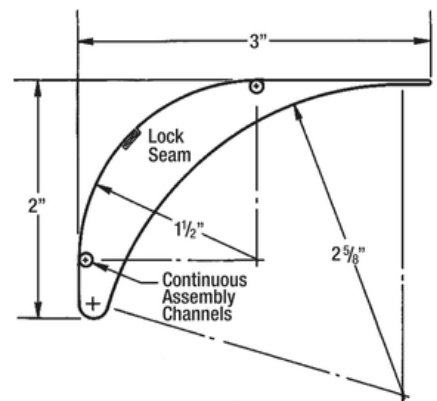
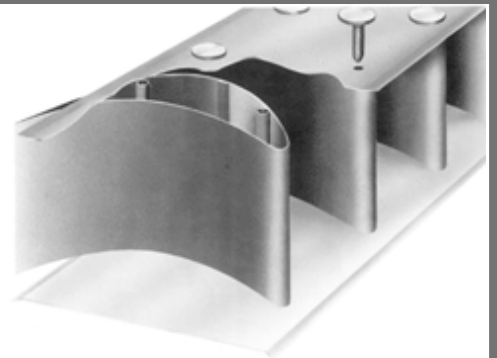
No other product provides comparable quality, structural integrity and performance

PRODUCT FEATURES

- Generated sound power level does not exceed 54 decibels in band 4 at 2,000 FPM-duct 24 x 24
- Smooth-rounded entry nose and extended trailing edge
- No sharp leading edges to collect debris
- Made in USA
- Product guaranteed against defective material

PRODUCT DESCRIPTION

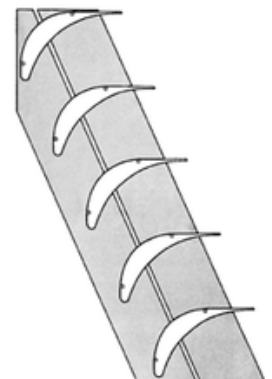
- Airfoil Blade: 17 point roll-formed process using one piece of 26GA HD Prime Carbon Galvanized steel, furnished in 10 ft. lengths
- Vane Rail: 24GA HD Galvanized steel, assembly slots located on design center spacing of 2.4", furnished in 100 ft. coils
- Fasteners: Ring Shank style screws fasten into continuous channels inside the blade, no annoying rattle, no detaching, no reinforcing rods necessary



ASSEMBLY INSTALL - UNEQUAL ELBOWS

H-E-P turning vanes can be adjusted easily to the proper angle of attack, regardless of the inlet and outlet dimensions of the elbow

1. A narrow strip (approx. 3/4 inch) is sheared from the center of both top and bottom side rail pieces
2. Vanes are attached to rails by the usual method of driving fasteners through the slots
3. All of the vanes in the assembly then move together as the correct alignment is made for the elbow, maintaining the leading and trailing edges in an exactly parallel relationship





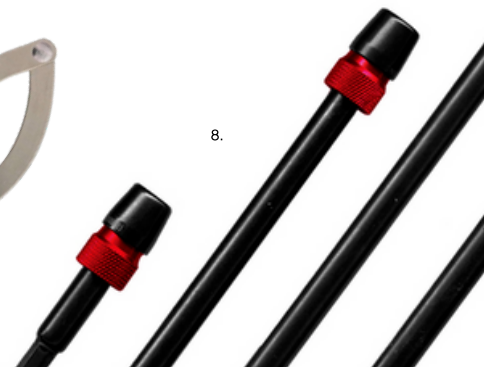
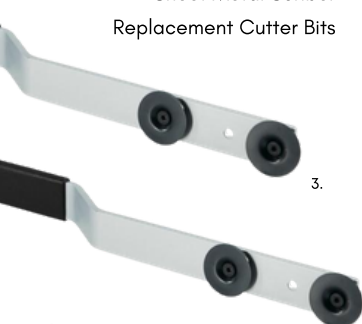
QUALITY PRODUCTS

Left Snip	AIR DESIGN #: MWT-6716L
Right Snip	AIR DESIGN #: MWT-6716R
Combination Cutter	AIR DESIGN #: M2003
Bulldog Snip	AIR DESIGN #: MWT-6716B
Left Offset Snip	AIR DESIGN #: MWT-6510L
Right Offset Snip	AIR DESIGN #: MWT-6510R
Fiberglass Hole Cutter	AIR DESIGN #: FG1
30° Notcher V-Cut	AIR DESIGN #: HN1V
Aluminum Snips	AIR DESIGN #: M14
Hole Cutter	AIR DESIGN #: MHC1
Hole Cutter	AIR DESIGN #: MHC2
Sheet Metal Scribe	AIR DESIGN #: A60
Replacement Cutter Bits	AIR DESIGN #: DDHC12RB

Midwest Snips - All Varieties Available



1. Malco 18" Folding Tool **AIR DESIGN #:** 18F
2. Malco 12" Folding Tool **AIR DESIGN #:** 12F
3. Malco Duct Stretchers **AIR DESIGN #:** DS1 (Straight) DS2 (Offset) DS3 (Locking)
4. Malco Tensioning Tool **AIR DESIGN #:** TY6
5. Malco Scratch Awl **AIR DESIGN #:** A20
6. Replacement Fusible Links (165° + 212°)
7. Malco Divider **AIR DESIGN #:** 18
8. Malco Bit Holder Extensions **AIR DESIGN #:** BHE6 (6") BHE10 (10")



metabo® *Malco*®



8. Metabo Angle Grinder Case 9. Metabo Angle Grinder **AIR DESIGN #: 00715 (4.5\") 01450 (6\")** 10. Metabo Grinding + Cut-Off Wheels



1/8" Ceiling Grid Punch **AIR DESIGN #: CGP18**
 Snap-Lock Punch **AIR DESIGN #: SL2R**
 3-Blade Pipe Crimper **AIR DESIGN #: SC3**
 Gutter Downspout Crimper **AIR DESIGN #: C4**
 5-Blade Sheet Metal Crimper **AIR DESIGN #: C5**
 3" Hand Seamers **AIR DESIGN #: S2**
 #\" Offset Hand Seamers **AIR DESIGN #: S3**
 Hammer **AIR DESIGN #: SH3V**
 100' Speed Chalk Reel **AIR DESIGN #: CLPS100**
 Flex Duct Cutter **AIR DESIGN #: FDC1**
 Serrated Duct Knife **AIR DESIGN #: DK6S**

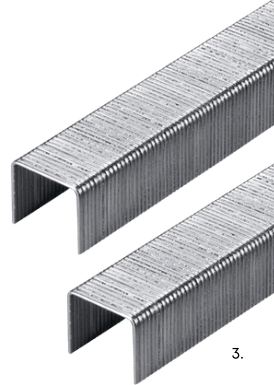
Malco®

Work. Perform. Outlast.

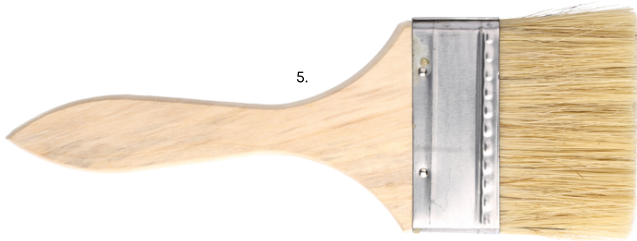
STANLEY

BOSTITCH®

**DURO
DYNE®**



1. Bostitch Staple Gun **AIR DESIGN #:** G26 2. Duro Stapler **AIR DESIGN #:** DS31 3. Bostitch 3/8" Staples (5M) **AIR DESIGN #:** STCR261938 Duro Staples (5000) **AIR DESIGN #:** DSP1 Bostitch 1/2" Staples (5M) **AIR DESIGN #:** STCR261912



4. DuroDyne Dyn-O-Tie Installation Tool **AIR DESIGN #:** DIT2 5. 2" Paint Brush **AIR DESIGN #:** EPB84 6. Nylon Duct Ties 7. Johnson Tape Measure 8. Professional Eyewear **AIR DESIGN #:** 1712C 9. Heavy-Duty Cutter 10. Gloves



10.



11.



12.



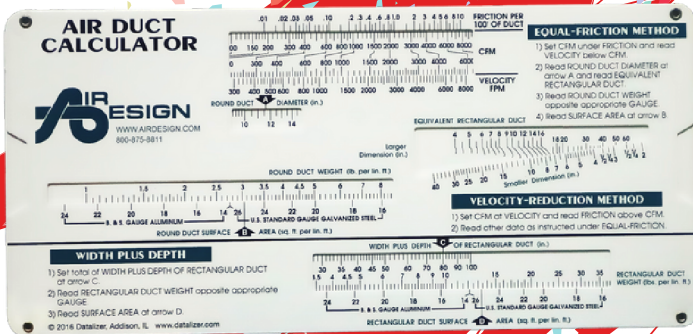
13.



10. DiversiTech MP-2E Anti-Vibration Pads 11. Lenox Hole Saws 12. Lenox Vari-Bit Step Drill Bits 13. Vaughan Hammer **AIR DESIGN #: CF21FG** 14. Lenox Reciprocating Blades

COMPLIMENTARY GIFTS

While Supplies Last



DUCTULATOR



GRIPPED WORK GLOVES

TERMS OF SERVICE

ACCEPTANCE OF ORDERS

All orders are subject to acceptance. No terms or conditions in the buyer's order that are contrary to the seller's terms and conditions shall be binding upon the seller unless specifically agreed upon in writing.

CREDIT APPROVAL

Buyer's orders are accepted by the seller subject to credit investigation and approval.

TERMS OF PAYMENT

Unless otherwise stated, payment shall become due 30 days from the date of the invoice. If, in the seller's judgement, the buyer's financial condition at any time does not justify the terms specified, the seller may require full or partial payment as a condition to commencing the order. Prices quoted do not include sales tax.

FREIGHT

Unless otherwise stated in the quotation form, prices are F.O.B. Southfield Warehouse. All freight will be billed freight collect or added to the invoice. Local Air Design delivery is available.

TRANSPORTATION RISK

Delivery to the initial carrier shall constitute delivery to the buyer, and the seller's responsibility ceases upon delivery in good order to such a carrier.

WARRANTIES

Purchased items have standard warranties from the original manufacturers. Copies of the manufacturer's warranties are available upon request.

CANCELLATION OF ORDERS

The buyer may modify or cancel its order upon written notice and upon payment to the seller of reasonable charges.

RETURN POLICY

Special orders, which are not stock, cannot be returned for credit. Stock items can be returned under the following conditions:

1. Prior approval from Air Design along with a copy of invoice on which material was sold.
2. Material must be in saleable condition, which Air Design will inspect.



Credit card fees may apply.

OUR VALUED PARTNERS

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Individual Temperature Control Systems, Therma-Fusers™, VAV Diffusers



INDEECO

Electric Space Heaters, Immersion Heaters



AIR DISTRIBUTION CONCEPTS

Fabric Duct Diffuser Systems



KRUEGER

Air Distribution, VAV Equipment



AITKEN

Electric Infrared Heaters



MOFFITT

Natural Ventilation Equipment



ALLIANCE AIR PRODUCTS

Custom Air Handling Units



MONOXIVENT

Vehicle Exhaust Systems, FRP Duct



ARROW UNITED INDUSTRIES

Dampers, Louvers, Penthouses + Plenum Walk-In Doors



PENNBARRY

Commercial Fans



COIL COMPANY

New + Replacement Coils, Fan Coil Units, Air Handling Units



PEPPERTREE AIR SOLUTIONS

HVAC Flexible Duct + Fittings



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POTTORFF

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HVLS Ceiling Fans



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Dust Collectors



FRESH-AIRE UV

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Spiral Ductwork + Fittings



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