Western **Distribution Center**

> 11335 Greenstone Avenue Santa Fe Springs, California 90670 • USA

tel: (562) 466-1000 fax: (562) 466-1010 Central **Distribution Center**

13800 John F Kennedy Blvd Suite #100 Houston, Texas

fax: (713) 460-3203

Southern **Distribution Center**

3509 Port Jacksonville Pkwy Building #1 Jacksonville, Florida 32226 • USA

tel: (912) 330-8270 fax: (912) 330-8271

Eastern **Distribution** Center

1501 Perryman Road Building #100 Aberdeen, Maryland 21001 • USA

tel: (410) 272-3850 fax: (410) 272-3852



Baltimore, MD

Los Angeles, CA

Houston, TX

TRUaire A BREATH OF FRESH AIR

toll free: (888) 878-2473 (TRUAIRE) • www.truaire.com

Jacksonville, FL













77039 • USA tel: (713) 460-3200

RESIDENTIAL | COMMERCIAL

TRUaire PRODUCT CATALOG

REGISTERS • GRILLES • DIFFUSERS



EDITION 3

TRUaire PRODUCT CATALOG

Regional Distribution Centers

Santa Fe Springs, California Western Distribution Center & **Corporate Offices**

Jacksonville, Florida **Southern Distribution Center**

Houston, Texas **Central Distribution Center**

Baltimore, Maryland Eastern Distribution Center

11335 Greenstone Avenue Santa Fe Springs, CA 90670

PH 562-466-1000 **Fax** 562-466-1010

3509 Port Jacksonville Pkwy., Building #1 Jacksonville, FL 32226

PH 912-330-8270 Fax 912-330-8271

13800 John F Kennedy Blvd. Suite #100 Houston, TX 77039

PH 713-460-3200 **Fax** 713-460-3203

1501 Perryman Rd., Building #100 Aberdeen, MD 21001

PH 410-272-3850 **Fax** 410-272-3852

We're Here to Serve You...

Los Angeles, CA

Houston, TX

Strategic Distribution

In order to be recognized for providing the best service in our industry, we must be able to maintain geographically strategic distribution locations. We have 4 distribution centers across the country, Los Angeles, CA, Houston, TX, Jacksonville, FL and Baltimore, MD these 4 distribution center represent over 500,000 sq. ft. of finished goods inventory.

Maintaining huge inventories means filling orders complete and quicker than any of our competitors. Our 4 distribution centers are situated so that 90% of our customers receive there shipments within 72 hours after they place there orders.

When you consider that we at TRUaire are providing the best quality, service to the market at competitive prices, the rest is a winning combination for our customers.

or feel free to visit us online.

www.truaire.com • toll free: (888) TRUAIRE

TRUaire

Baltimore, MD

Jacksonville, FL

Unmatched Quality

Often times as consumers we're faced with the stark reality that we are living in an era where quality is often compromised; an era in which economy trumps real value, and quality takes a backseat to a quick discount. This is not the case at TRUaire. We believe quality still means value, and we are strongly committed to keeping this value.

"The bitterness of poor quality remains long after the sweetness of low price is forgotten".

- Benjamin Franklin

For more information about your Region please give us a call...

TRUaire

Welcome

Welcome to the completely redesigned TRUaire catalog! In these pages we hope you will find the most user-friendly product catalog in the industry.

Feel free to open the catalog to any page. Notice that no matter what page you've chosen that both pages contain information for the same product making it even easier to order and compare models. Everything you want to know for that particular model is right there in front of you with some of the features listed on the left, and some information for that series listed on the right. No need to flip back and forth from page to page for that model to find exactly what you need.





You'll also notice that each 2-page set is designed for consistency and formatted in exactly same way. Flip through a few pages and you will quickly get the hang of the layout. Each left-hand page includes general information; description, pictures, features, and cross-reference information. Each right-hand page gives more specific information; options, dampers, drawings, available sizes, carton quantity, and information to help you when ordering.

Our Mission

As a nationally recognized leading manufacturer of registers and grilles for the Heating and Air Conditioning Industry, TRUaire is focused on providing the highest quality standards in the industry through innovation, customer care, and expertise. TRUaire takes pride in its dynamic workplace, offering each employee the necessary support to realize their full potential.

Every member of this impassioned team helps to carve each step of the TRUaire success story with hard work, superior products, exceptional customer service, and the largest inventory of finished goods in the industry. TRUaire always puts its customers first, striving to be courteous, respectful, and honest in every circumstance: as the greatest successes are achieved through genuine partnership.



We have you covered...

For quick reference, inside the front cover you'll find all of our locations and contact information, and in the back, a current up to date reference by Model Comparison and Manufacturer.

You can always visit us 24 x 7 online or stay connected with your mobile device or smartphone at www.truaire.com. Our mobile app features are always changing to keep up with your needs in the field.

Quick and easy access at your fingertips. Call by phone, visit online or on any mobile device or smartphone.

toll free: (888) TRUAIRE • www.truaire.com

π TRUaire

The Right Choice.

TRUaire has been producing a wide variety of outstanding products for the heating & air conditioning industries for over 30 years. When you select TRUaire, you're choosing a company that prides itself on decades of experience, superior customer service and high quality products that are sure to exceed your expectations.

Our business is to sell the highest quality grilles, registers and diffusers we can build at the most competitive prices possible.

Our Vision

Today's business leaders agree that the only way to survive in our competitive world is by obtaining full customer satisfaction through the consistent delivery of high quality products and services. This is only part of the necessary formula for success. Our vision is to continually strive for improvement by focusing on operational excellence, creating valued business development and in the continuous improvement and development of our employees.

RESIDENTIAL - TABLE OF CONTENTS

RESIDENTIAL - TABLE OF CONTENTS

Sidewall/Ceiling Supply Registers STEEL PRODUCTS



100 Series

Stamped Standard Fin Ceiling & Sidewall Registers



210/230 Series **Single Deflection** Adjustable Bar Type



220 Series **Double Deflection** Adjustable Bar Type



300 Series Adjustable Curved **Blade Registers**



400 Series Stamped Curved **Blade Registers**



Model 560 **High Velocity Square Ceiling Directional Diffusers**



600 Series Evaporative Cooler Make-up Air Diffuser



700 Series Flush Mount Diffuser **High Velocity**



800 Series Round Ceiling **Diffusers & Dampers**





PAGE

1

3

5

7

9

11

11

11

13

A210 Series **Single Deflection** Adjustable Bar Type PAGE

15

17

19

21

23

25

25





A300 Series Aluminum Adjustable Curved **Blade Registers**



A500 Series Square Aluminum **Ceiling Diffusers**

Sidewall/Ceiling Return Grilles STEEL PRODUCTS

170 Series

Stamped Steel

Return Grilles

190 Series











Stamped Sidewall Return

Air Filter Grilles - Fixed Face



270 Series Fixed Bar Return Air Grilles



290 Series Fixed Bar Return Air Filter Grilles Accepts 1" Filters

Sidewall/Ceiling Return Grilles ALUMINUM PRODUCTS



A270 Series Fixed Bar Return Air Grille and Filter Grilles



A290 Series Fixed Bar Return Air Grille and Filter Grilles

Floor and Baseboard Registers and Grilles



150M Series Floor Registers



115/118/121 Series **Baseboard Registers**



122 Series Baseboard Return Registers 3/4" Turnback



123 Series Baseboard Supply Registers 3/4" Turnback



124 Series Baseboard Supply Registers



125 Series Baseboard Supply/Return Registers











TRUaire

Floor and Baseboard Registers and Grilles

PAGE 29

29

31

33

33

33

33

33

















ACD690 Series Access Doors

43

Accessories



Opposed Blade Dampers, 47 T-Bar Panels, Frames and Insulation



35

37

37

39

150TS Series 37 Heavy Duty Toe Space Grilles 150TSB (Brown) 150TSW (White)

154 Series Heavy Duty Floor Grilles

and Solid Oak Baseboards

173 Series Heavy Duty Floor Grilles 173TSB (Brown) 173TSW (White)

160 Designer's Series Decorative - Composite & Stamped Steel Floor Registers

41

COMMERCIAL - TABLE OF CONTENTS

COMMERCIAL - TABLE OF CONTENTS

Bar Type Supply Registers



210 Series - STEEL **Single Deflection** Adjustable Bar Type



A210 Series - ALUMINUM 51 **Single Deflection** Adjustable Bar Type



220 Series - STEEL **Double Deflection** Adjustable Bar Type



A220 Series - ALUMINUM **Double Deflection** Adjustable Bar Type

Fixed Bar Type Return Air Grilles



270 Series - STEEL Fixed Bar Return Air Grilles



A270 Series - ALUMINUM 57 Fixed Return Air Grilles

Wall Mount A/C Registers and Grilles



220V / A220V Series Supply - Steel & Aluminum



270 / A270 Series Return - Steel & Aluminum



290 / A290 Series Return FG - Steel & Aluminum



49

53

55

57

59

59

59

A520 Series - ALUMINUM 61 A520F - Modular Core - Flat Frame A520B - Modular Core - Beveled Frame

PAGE

65

65

67

A540 Series - ALUMINUM 63 A540F - Directional - Flat Frame

A540B - Directional - Beveled Frame

Evaporative Cooler/Make-up Air Diffuser



600 Series Ceiling Mount Diffuser

700 Series Flush Mount Diffuser

Perforated Face T-Bar Lay-In Diffusers



1000 Series 1010MAS / MAR - Universal 1020MAS / MAR - Fixed Collar

T-Bar Grille with Plenum Frame



1100 Series 1120 Perforated Face



1100 Series 1130 Acrylic Egg-Crate Face 1140 Aluminum Egg-Crate Face

T-Bar Perforated Curved Blade



1400 Series 1400CB Perforated Face **Curved Blade**



1400 Series 1420AB Perforated Face Adjustable Blade

T-Bar Perforated Curved Blade (cont'd)



1400 Series 1444RG Perforated Face **Return Grille**



1400 Series 1480RD Perforated Face Supply Diffuser

T-Bar Step Down Diffusers



2000PD Plague Diffuser 2003CD Step Down Diffuser - 2 cone 2004CD Step Down Diffuser - 3 cone

T-Bar Stamped Curved Blade Diffusers

2000 Series



2600 Series 2604SC Stamped Curved Blade Diffuser

T-Bar Return Air Filter Grilles



4000 Series

4010FG Filter Grille - Stamped Face 4020FG Filter Grille - Bar Type



4000 Series 4030FG Filter Grille Stamped Face



4000 Series

4040FG Filter Grille - Acrylic Eggcrate 4050FG Filter Grille - Aluminum Eggcrate

T-Bar Modular Core Diffusers



5200 Series 5200CB Modular Core Diffuser A5200CB Modular Core Diffuser

69

69



71

71

TRUaire

PAGE

71

71

73

T-Bar Modular Directional Diffusers PAGE



5400 Series

81

5400SD Directional Diffuser Steel & Aluminum

T-Bar Return Air Panels



1110RG Return Grille - Stamped 83 1210RG Return Grille - Bar Type A1210RG Return Grille - Aluminum

1920RG Perforated Steel Panel 83 A960/A970 Surface Mount Return Air Grill

1930RG Return Eggcrate Panel - Acrylic 1940RG Return Eggcrate Panel - Aluminum

83

85

75

77

77

77

79



ACD2440L Louvered Face Access Panel

Access Panels

880 Series

87 Round Commercial Diffuser, Round OBD & Surface Mount Ring

ACD2440S Solid Face Access Panel

Spiral Duct Diffusers

Air Handler Access Panels

Spiral Series SU Universal Mount Single & Double Deflection

Spiral Series SD Saddle Mount **Double Deflection**

Linear Slot Diffusers

Linear Series LD Two-Slot Linear Diffusers 72", 48", 36", 24" & Custom 89

89

91



High quality steel or aluminum components.

Rivets installed AFTER assembly for the smoothest operation.

Blade & linkage components individually powder-coated BEFORE assembly.

The decades old practice of painting a register and damper after it has been assembled leads to chipping paint, unpainted exposed surfaces, frozen linkage parts, rattling damper blades, and ultimately... rust. The process saves time and money. It's the best way to build a cheap register cheaply. We can't and won't ever build our registers that way again.

> High quality steel or aluminum components.



#TRUaire REGISTERS & GRILLES

TRUaire RESIDENTIAL SERIES





TRUaire **Stamped Steel Sidewall & Ceiling Registers**

Stamped Steel Sidewall & Ceiling Registers

SIZES & C

6x4

6x6

8x4

8x6

8x8

10x4

10x6

10x8

10x10

12x4

12x6 12x8 12x10

12x12 14x4

14x6

14x8 14x10

14x12 14x14

16x4

16x6

16x8

16x10 16x12 16x16

18x4

18x6

18x8

100 SERIES

While the 100 Series style of registers has been the mainstay of the residential new construction market for more than 50 years, each model we manufacture reflects our continued commitment to product quality. This quality can be seen in our pristine white powder-coat finish on our products, the countersunk screw holes, and our exclusive SmoothGlide Damper Technology, which is





......



Product Detail



TRUaire





101M	102M	103M	104M	122M	123M	132M	133M
1000	20	20	1.100	0.045	(Cent)	20	- 913
	20	20	20			20	
20	20	20				20	
20	20	20				20	
	20	20	20			20	
20	20	20				20	
20	20	20	20	20	20	20	20
20	20	20	20			20	
	20	20	20			20	
	20	20				20	
20	20	20		20	20	20	20
20	20	20				20	
	10	10				10	
	10	10	20			10	
	20	20				20	
20	20	20		20	20	20	
10	10	10				10	
	10	10	10				
	10	10					
	10	10	10				
	20					20	
20	20	20				20	
	10	10				10	
	10	10					
	10						
			5				
	20						
	20	20				20	
	10	10					
	10	10					
	10	10					
	5		5				
	20	20					
	10	10				10	
	10	10				10	
	10	10					
	10						
	5						
			5				
	20		NY ING				
	10	10				10	
	10	10					
	5						
	5						
	5						
	5						

Single Deflection Adjustable Bar Type

Single Deflection Adjustable Bar Type

210 SERIES / 230 SERIES

Arguably the most versatile of all supply registers, the 210 Series Single Deflection register is available in a wide variety of configurations for almost any application. The highly effective open blade design and TRUaire's exclusive one piece frame allows for greater airflow. Our 210 Series is available with our unique SmoothGlide multi-shutter damper mechanism, a high quality opposed blade damper mechanism or without a damper.

Whether ceiling or sidewall, commercial or residential, these registers deliver high capacity airflow, style & solid construction.



toll free: (888) TRUAIRE
 www.truaire.com

Compare to: Hart & Cooley Shoemaker USAire Continental Lima Airmate Features • Adjustable h Airfoil blade • Steel constru • White powde • Unique beve • Recessed scr • Variety of da Including: Sr • Remarkable (Up to 14x10)	821 951 100SVM RGV 900V 220V 220V 220V 220V 220V 220V 220	t finish Iges bles configu Glide m	urations nulti-shu	230M - 945 - - - -
Shoemaker USAire Continental Lima Airmate Features Adjustable h Airfoil blade Steel constru White powde Unique beve Recessed scr Variety of da Including: Sr Remarkable	951 1005VM RGV 900V 220V 220V 220V 220V 220V 220V 220	rgv-0 90v0BD 200v0 t finish lges oles configu Glide m	904-0 - - 990VOBD 240V vertical	
USAire Continental Lima Airmate Features • Adjustable h Airfoil blade • Steel constru • White powde • Unique beve • Recessed scr • Variety of da Including: Sr • Remarkable	1005VM RGV 900V 220V 220V 220V 220V 220V 220V 220	rgv-0 90v0BD 200v0 t finish lges oles configu Glide m	- 990VOBD 240V vertical	
Continental Lima Airmate Features • Adjustable h Airfoil blade • Steel constru • White powde • Unique beve • Recessed scr • Variety of da Including: Sr • Remarkable	RGV 900V 220V 220V 220V 220V 220V 220V 220	90VOBD 200VO t finish lges bles configu Glide m	240V vertical urations nulti-shu	- - -
Lima Airmate Features • Adjustable h Airfoil blade • Steel constru • White powde • Unique beve • Recessed scr • Variety of da Including: Sr • Remarkable	900V 220V 220V norizor es uction er-coat eled ed rew ho amper mooth One-p	90VOBD 200VO t finish lges bles configu Glide m	240V vertical urations nulti-shu	- -
Airmate Features • Adjustable h Airfoil blade • Steel constru • White powde • Unique beve • Recessed scr • Variety of da Including: Sr • Remarkable	220V norizor es uction er-coat eled ed rew ho amper mooth One-p	200VO ntal or v t finish lges bles configu Glide m	240V vertical urations nulti-shu	- -
Features Adjustable h Airfoil blade Steel constru White powde Unique beve Recessed scr Variety of da Including: Sr Remarkable	norizor es uction er-coar eled ed rew ho amper mooth One-p	ntal or v t finish lges bles configu Glide m	vertical urations nulti-shu	- tter
 Adjustable h Airfoil blade Steel constru- White powde Unique beve Recessed scr Variety of da Including: Sr Remarkable 	es uction er-coat eled ed rew ho amper mooth One-p	t finish Iges bles configu Glide m	urations nulti-shu	tter
 Adjustable h Airfoil blade Steel constru- White powde Unique beve Recessed scr Variety of da Including: Sr Remarkable 	es uction er-coat eled ed rew ho amper mooth One-p	t finish Iges bles configu Glide m	urations nulti-shu	tter
Product Det	ail			
Beveled Edges		One Piec	e onstructio	

SmoothGlide Damper

Listed Size (+1.750).

There is nothing like it on the market. Our SmoothGlide Damper prevents rust, rattling, and sticking. These dampers use high quality all-steel components. The idea behind this technology is that we powder coat the blade and the linkage component individually BEFORE we assemble our products and then we install the rivets to our blades.



3

www.truaire.com • toll free: (888) TRUAIRE

and popular configuration

Blank = W



TRUaire



Opposed Blade Damper (OBD)

Top notch craftsmanship includes nylon bushings to ensure the blades stay in place according to the airflow you wish.

Durable n

Model 230M Three Way Fixed Bar with adjustable damper

> High Quality Steel Com

Reverse side shown with adjustable damper

IPTION	Example Model	
0 0	210 230	
tical blades izontal blades	210V 210H	
ti-shutter Damper (SmoothGlide) posed Blade Damper Vithout Damper	210VM 210VO 210V	

Double Deflection Adjustable Bar-Type

Double Deflection Adjustable Bar-Type

220 SERIES

TRUaire's 220 Series Double-Deflection registers represent the top-of-the line adjustable bar-type product. These registers feature two perpendicular rows of individually adjustable Airfoil bars for maximum airflow control. They can be ordered with the horizontal row in front, (220H), or with the vertical row in front, (220V).

Whether commercial or residential, using an OBD damper or no damper at all, the 220 Series register delivers high capacity airflow with a sleek aesthetic style and rock solid construction.



	ALC: N
Carlos and	Service S

Compare to:	220 Serie
Hart & Cooley	92VHO
Titus	300RS
Shoemaker	934
Metal Aire	7/20 9
Price	5205
Krueger	880V

	-	Listed Size (+1.750")	_	т
220H	0		0	Listed S (+1.75"

Durable nylon





isted Size (+1.750") 220VO Listed Size (+1.75")

NOTE:

The Model 220 Series is available in over 60 sizes and configurations. "H" model configurations are not stocked in many sizes. For available sizes and current pricing please refer to our Pricing Guide Supplement.

ORDERING HINTS	DESCRIPTION	Example Model
1. Start with the base model	Model 220	220
2. Select the blade positioning	V = Vertical blades H = Horizontal blades	220V 220H
3. Select the damper configuration	VO = Vertical Opposed Blade Damper HO = Horizontal Opposed Blade Damper Blank = Without Damper	220VO 220HO 220V

Reverse side show

TRUaire

220 Series Options

Opposed Blade Damper (OBD)

Top notch craftsmanship includes nylon bushings to ensure the blades stay in place according to the airflow you wish.

> High Quality Steel Compo

Model 220HO

Reverse side shown

Standard Configuration

Two perpendicular rows of individually adjustable Airfoil bars

Model 220H

Adjustable Curved Blade Register

300 SERIES

Also available in Aluminum - see A300 Series

The 300 series register is the height of both form and function. Each individual curved blade is fully adjustable for total control. The outside frame is slightly beveled, and manufactured without mitered corners. The various configurations of this diffuser include damper choices and blade direction, each available in your choice of either steel or aluminum.

Model 301HM

Curved Blade - 1 Way

	CAR IN MENT OF SECOND SECOND SECOND
•	

Model 302HM

Curved Blade - 2 Way Horizontal

			-		_	-	-	- ,
	-			-		-	-	ч,
•				-		-	-	÷.,
	L BORNE		-	-				.
			-	-			-	
		-		-	-	-	-	·

Model 303M Curved Blade - 3 Way



Model 302VM

Curved Blade - 2 Way Vertical



Model 304M

Curved Blade - 4 Way





Compare to:	301M	302M	303M	304M
Hart & Cooley	CHM1	CHM2	CM3	CM4
Shoemaker	CB10M	CB20M	CB30M	CB40M
USAire	-	-	-	-
Continental	SACB1	SACB2	SACB3	SACB4
Lima	291ML	292ML	293ML	294ML
Airmate	401HM	402M	403HM	404M

_			
Fo		-	
E CA	atu	125	

- Individually adjusting curved blades
- Aesthetically designed on-piece frame
- Optional OBD
- Pristine powder-coat finish.

Product Detail

SmoothGlide Technology dampers **One Piece Frame**

Recessed screw holes

300 Series Options

The decades old practice of painting a register and damper after SmoothGlide Technology is the very simple, albeit very expensive, it has been assembled leads to chipped paint, unpainted exposed process of carefully powder-coating each and every individual surfaces, frozen linkage parts, rattling damper blades, and steel component of a register, prior to assembly. The finished ultimately...rust. The process saves time and money. It's the product is a stamped steel register with 100% powder coat coverage and a smooth quiet damper assembly that glides open best way to build a cheap register cheaply. or closed with the touch of a finger.



TRUaire

SmoothGlide Damper

302 303 304 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 10 10 10 20 20 20 10 10 10 10 10 10 10 10 10 20 20 20 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 5 5 5 4 7 2 2 10 10 5 5 5 6 7 2	rton Quantity Chart							
20 20 20 20 20 20 20 20 20 20 20 20 10 10 10 20 20 20 10 10 10 10 10 10 10 10 10 10 10 10 20 20 20 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 5 5 10 5 5 10 2 2 10 2 2 10 10 10 <th>302</th> <th>303</th> <th>304</th>	302	303	304					
20 20 20 20 20 20 20 20 20 20 20 20 10 10 10 20 20 20 10 10 10 10 10 10 10 10 10 10 10 10 20 20 20 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 5 5 10 5 5 10 5 5 10 2 2 10 10 10 10 5 5 10 10 10								
20 20 20 20 20 20 10 10 10 20 20 20 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 20 20 20 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 5 5 10 5 5 10 5 5 10 2 2 10 2 2 10 10 10 10 5 5	20	20	20					
20 20 20 10 10 10 20 20 20 10 10 10 10 10 10 10 10 10 10 10 10 20 20 20 10 10 10 20 20 20 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 5 5 10 5 5 10 5 5 10 2 2 10 2 2 10 10 10 10 5 5	20	20	20					
10 10 10 20 20 20 10 10 10 10 10 10 10 10 10 20 20 20 10 10 10 20 20 20 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 5 5 10 5 5 10 2 2 10 2 2 10 10 <	20	20	20					
20 20 10 10 10 10 10 10 10 10 20 20 10 10 20 20 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 5 5 5 5 5 10 10 10 5 5 5 10 2 2 2 10 10 10 10	10	10	10					
10 10 10 10 10 10 10 10 10 20 20 20 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 5 5 10 5 5 10 2 2 10 2 2 10 10 10 <td>20</td> <td>20</td> <td></td>	20	20						
100 100 100 10 200 200 200 200 100 10 10 5 5 5 10 2 10 10 10 10 10 10 10	10	10	10					
10 10 10 20 20 20 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 5 5 10 5 5 10 5 5 10 2 2 10 2 2 10 10 10	10	10						
20 20 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 5 5 10 5 5 5 5 5 2 2 2 2 10 10	10	10	10					
10 10 10 10 5 5 10 2 2 10 10 10 10 10 10	20	20						
10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 5 10 5 5 5 5 5 2 2 10 10 2 2 10 10	10	10	10					
10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 5 5 10 10 5 5 5 5 10 5 5 5 5 5 10 2 2 2 10 2 2 2 10 10	10	10						
10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 5 5 10 5 5 5 5 5 5 5 10 2 2 2 10 10		10						
10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 5 5 5 5 5 10 5 5 5 5 5 5 5 5 5 5 5 5 5 5 6 2 2 10 10 10	10	10	10					
10 10 10 10 10 10 10 10 10 5 5 5 5 5 5 10 10 10 5 5 5 10 5 5 5 5 5 5 5 5 2 2 2 10 10 10 2 2 10 10 10 10	10	10	10					
10 10 10 10 10 10 5 5 5 5 5 5 10 10 10 5 5 5 10 10 10 5 5 5 5 5 5 5 5 5 5 5 5 2 2 2 10 10 1	10	10	10					
10 10 10 5 5 5 5 10 10 5 5 5 5 5 5 2 2 10 10 10 10 10 10 10 10 10 10 10 10	10	10	10					
5 5 10 5 5 5 5 5 2 10 10 110 110 110 110 110 110 110 110 110	10	10	10					
5 5 10 10 5 5 5 5 2 2 10 10 110 10		5						
10 5 5 5 5 2 2 2 2 2 10 10		5	5					
10 5 5 5 2 10 10								
5 5 5 2 10 10		10						
5 5 5 2 2 10 10		5						
2 2 10 10	5	5	5					
2 2 10 10								
10 10		2	2					
10		10						
		10						
2 2			2					
2			2					

Model 303-0 Three Way - OBD Option

All 300 Series registers through 14x10 are manufactured with our exclusive "one-piece" beveled frame design. No mitered corners... just one solid frame.

Individually adjustable curved blades with pristine powder-coat finish and recessed screw holes.

PLEASE CONTACT US FOR ANY SIZES NOT LISTED

NOTE: For Opposed Blade Damper option please specify "O" for OBD feature

Stamped Curved Blade Registers

Stamped Curved Blade Registers

400 SERIES

Model 401M

1 Way Horizontal

Model 402HM

2 Way Horizontal

Stamped Curved Blade

Stamped Curved Blade

TRUaire's 400 series is a stamped steel register at heart, but with a big difference. Unlike the 100 series stamped steel register, the blades on the face of the 400 series are stamped in a curve. This configuration provides a classy look, and a more even air pattern, all with the cost benefit of stamped steel.

Compare to	D: 401M	402M	403M	404M
Hart & Cooley	301	302	303	304
Shoemaker	201H	202H	203	204
USAire	1201M	1202M	1203M	1204M
Continental	C1H	C2H	СЗН	C4H
Lima	501/CB1W	502/CB2W	503/CB3W	504/CB4W
Airmate	601M	602M	603M	604M
31/-43				

Features

- SmoothGlide Damper Technology
- Curved blade face
- Counter-sunk screw holes
- Pristine Powder-coat finish



Model 402VM	

Stamped Curved Blade 2 Way Vertical



Model 403M

Stamped Curved Blade - 3 Way



Model 404M





Blade Detail Technology dampers



The decades old practice of painting a register and damper after SmoothGlide Technology is the very simple, albeit very expensive, it has been assembled leads to chipped paint, unpainted exposed process of carefully powder-coating each and every individual surfaces, frozen linkage parts, rattling damper blades, and steel component of a register, prior to assembly. The finished ultimately...rust. The process saves time and money. It's the product is a stamped steel register with 100% powder coat best way to build a cheap register cheaply. coverage and a smooth quiet damper assembly that glides open or closed with the touch of a finger.



TRUaire

SmoothGlide Damper

rton Qu	antity (hart	
402HM	402VM	403M	404M
		20	20
20	20	20	
20		20	
20		20	20
20	20	20	
20	20	20	
20		20	
20	20	20	20
20		20	
20	20	20	
20	20	20	
10		10	
10	10	10	10
20	20	20	
20	20	20	
10	10	10	
10	10	10	
10		10	
		10	10
		20	
		10	5
10			
10	10		

PLEASE CONTACT US FOR ANY SIZES NOT LISTED



Model 402VM Stamped Curved Blade 2 Way - Vertical

Model 403M Stamped Curved Blade



Engineered stamped curved blades with pristine powder-coat finish and recessed screw holes.

High Capacity Residential Diffusers

High Capacity Residential Diffusers

560, 600, and 700 Series **Includes Evaporative Cooler Diffusers**

These high capacity diffusers cover a variety of design requirements. Each of these models is available in square sizes only. The blade design is unusually wide specifically for allowing large volumes of air to move through them. The 600 and 700 Series are primarily used for evaporative cooler, or make-up air applications.



Compare to:	560	600	700
Hart & Cooley	ESSD/D	ECBX	ECHVD
Shoemaker	- 7	-	450
JS Aire	-	-	
Continental	-	-	
lima	1103/2	1150	1170
Airmate	1020/30	100	1200

Model 560M

Square Ceiling Directional Diffuser



Model 600 Evaporative Cooler

Make-up Air Diffuser

Blade design llows for maximum air flow

*Available in white or stainless steel finish



Blades shown in OPEN position

Model 560 - No Damper

Square Ceiling Directional Diffuser



Profile view shown without damper



Model 560M With Damper Model 560 No Damper Square Ceiling Directional Diffuser





Model 600 Evaporative Cooler Make-up Air Diffuser SIZE

	10 x 10	
	12 x 12	
	14 x 14	
0"	16 x 16	
U	18 x 18	
	20 x 20	
	22 x 22	
	22 x 22T	
	24 x 24	
	26 x 26	
	28 x 28	
	30 x 30	
	32 x 32	

Model 700

See chart at right for

available configurations

Flush Mount Diffuser - High Velocity





High capacity blade design (Model 600 shown) Multi-Tier Diffusion (Model 560M shown) isted Size

TRUaire

Model 560M Reverse side shown with damper

Model 560 Reverse side shown without damper

Model	600M	*Available in white or stainless steel finish
CEILING N	NOUNT	723306607268
10 x 10	1	
12 x 12	1	
14 x 14	1	N.I.
16 x 16	1	
18 x 18	1	1 5
20 x 20	1	
22 x 22	1	
22 x 22T	1	
24 x 24	1	
26 x 26	1	
28 x 28	1	Lever Pull
30 x 30	1	
32 x 32	1	NOT THE STREET

SIZE	A	В
10 X 10	13″	10.25″
12 X 12	15″	12.25″
14 X 14	17″	14.25″
16 X 16	19″	16.25″
18 X 18	21″	18.25″
20 X 20	23″	20.25″
22 X 22	25″	22.25″
22 X 22T	23.75″	21.00″
24 X 24	27″	24.25″
26 X 26	29″	26.25″
30 X 30	33″	30.25″
32 X 32	35″	32.25″

Rugged Steel Construction

Round Ceiling Diffuser & Dampers

Round Ceiling Diffuser & Dampers

800 SERIES

1.1.00

Simple, versatile, easy to operate, and easy to install. The 800 Series register face is the same pristine white powder-coat we use on everything we make. There are two different damper configurations, and both of them work with our ceiling mounted T-bar Step Down Diffusers, the 2000 Series.



Model 800	
Register Face	
	Model 801 Butterfly damper
Model 802	
Butterfly damper only	
	Model 803

For use only with 2000 Series T-bar diffusers

Model 804 Radial damper only



	Compare to:	800
	Hart & Cooley	16
	Shoemaker	90
	USAire	900
	Continental	16
301	Lima	150
mper & installation ring	Airmate	800

Features

- Pristine White Powder-Coat Finish
- Butterfly or Radial Dampers
- Individually Packaged

03 Installation ring only





Operating Handle **Butterfly Damper**

800 Series Options

Register manufacturers have never done a good job of explaining how different round ceiling diffusers and dampers work together. The illustration at right will demonstrate a couple of the more commonly used installation configurations for you to choose from.



B

10

10

10

10

16

18

2 1 10

10

TRUaire

Typical Installations

A typical installation of round registers requires the register face, and a mounting ring. The ring will be attached to the drywall or sheet rock, and then the register can be installed on the ring.

Model 801

Model 800

There are two different installation rings to choose from. The Model 801 installation ring includes a round butterfly damper. The damper can be opened and closed using the plastic "T" handle that is provided.

Model 803

Model 800

The other installation ring, Model 803, is used for installations where no damper is going to be required.

The other two damper Models, 802, and 804, are used only with the 2000 Series Step-down T-bar diffusers. There are two options for this installation type. Model 802 is a Butterfly Damper configuration, while model 804 is called a Radial Damper. **Model 804**

B

NOTE: Model 2000 Shown above is not included with dampers

Model 2000

OPEN

Radial Damper

Single Deflection Adjustable Bar Type

Compare to:

Hart & Cooley

Shoemaker

A210VM A210VO

A618MS A6180B

950-0

AL990VOBD

VD

Х

950

Single Deflection Adjustable Bar Type

A210 SERIES - Aluminum

Among the most versatile of all supply registers, the A210 Series Single Deflection register is available in a wide variety of configurations for almost any application. These registers feature an attractive and highly effective open blade design which allows increased airflow when compared to any stamped fin design. The single row of adjustable airfoil designed blades can be arranged horizontally or vertically.

Whether ceiling or sidewall, commercial or residential, these register delivers high capacity airflow, style & solid construction.



Opposed Blade Damper (OBD)



TRUaire

A210 Series Options

Double Deflection Adjustable Bar-Type

Double Deflection Adjustable Bar-Type

A220 SERIES - Aluminum

TRUaire's A220 Series Double-Deflection registers represent the top-of-the line adjustable bar-type product. These registers feature two perpendicular rows of individually adjustable Airfoil blades for maximum airflow control. They can be ordered with the horizontal row in front, (A220H), or with the vertical row in front, (A220V).

Whether commercial or residential, using an OBD damper or no damper at all, the A220 Series register delivers high capacity airflow with a sleek aesthetic style and rock solid construction.



Compare to:	A220V	A220VO
Hart & Cooley		-
Shoemaker	904	904-0
USAire	VH	VHD
Continental	-	-
Lima	AL990V	AL990VOBD
Airmate	E240V	E240VO

Nylon bushings firmly hold the blades in place to keep tensi



listed Size (+1.750")

NOTE:

A220 Horizontal

The Model A220 Series is available in over 60 sizes and configurations. "H" model configurations are not stocked in many sizes. For available sizes and current pricing please refer to our Pricing Guide Supplement.

> Easily adjust aluminum blades to preferred air deflection.

ORDERING HINTS	DESCRIPTION	Example Model
1. Start with the base model	Model A220	A220
2. Select the blade positioning	V = Vertical blades H = Horizontal blades	A220V A220H
3. Select the damper configuration	VO = Vertical Opposed Blade Damper HO = Horizontal Opposed Blade Damper Blank = Without Damper	A220VO A220HO A220V

17

www.truaire.com • toll free: (888) TRUAIRE

TRUaire

A220 Series Options

Opposed Blade Damper (OBD)

Top notch craftsmanship includes nylon bushings to ensure the aluminum blades stay in place according to the airflow you wish.





as a war in

Also available in steel. See the 220 Series

TRUaire Aluminum Adjustable Curved Blade Register

Aluminum Adjustable Curved Blade Register

A300 SERIES - Aluminum

Also available in Steel - see 300 Series

Truaire's A300 series diffusers are the best of the best. Individually adjustable curved blades combined with 5 different face patterns provide the ultimate in air control. These sleek diffusers are made of aluminum so they are light-weight and will not rust. You can even add the extra control of our high-quality Opposed Blade Damper (OBD).

Model A301HM

Curved Blade - 1 Way

•	

Model A302HM

Curved Blade - 2 Way Horizontal

			 -		-	-
	-		 		-	•
•			 		-	÷., •
			 			1 .2
		-	 			
	-		 	-	-	· - '

Model A303M Curved Blade - 3 Way



Model A302VM Curved Blade - 2 Way Vertical



Model A304M

Curved Blade - 4 Way





Shoemaker CB10HM - CB20HM - USAire LM/LMH LD LTM LTD Continental AACB1 - AACB2 - Lima A271ML - AL272ML - Airmate A451HM AT451HO A452HM AT452HO Compare to: A303M A303O A304M A3040 Hart & Cooley A613MS A6130B A614MS A6140B Shoemaker CB30HM - CB40HM - USAire LSM3 LSD3 LS4M LS4D Continental AACB3 - AACB4 - Lima AL273ML - AL274ML -	Compare to	D: A301M	A3010	A302M	A3020
USAire LM/LMH LD LTM LTD Continental AACB1 - AACB2 - Lima A271ML - AL272ML - Airmate A451HM AT451HO A452HM AT452HO Compare to: A303M A3030 A304M A3040 Hart & Cooley A613MS A6130B A614MS A6140B Shoemaker CB30HM - CB40HM - USAire LSM3 LSD3 LS4M LS4D Continental AACB3 - AACB4 - Lima AL273ML - AL274ML -	Hart & Cooley	A611MS	A6110B	A612MS	A612OB
Continental AACB1 - AACB2 - Lima A271ML - AL272ML - Lima A271ML - AL272ML - Airmate A451HM AT451HO A452HM AT452HO Compare to: A303M A303O A304M A3040 Hart & Cooley A613MS A6130B A614MS A6140B Shoemaker CB30HM - CB40HM - USAire LSM3 LSD3 LS4M LS4D Continental AACB3 - AACB4 - Lima AL273ML - AL274ML -	Shoemaker	CB10HM	-	CB20HM	
Lima A271ML - AL272ML - Airmate A451HM AT451HO A452HM AT452HO Compare to: A303M A303O A304M A3040 Hart & Cooley A613MS A6130B A614MS A6140B Shoemaker CB30HM - CB40HM - USAire LSM3 LSD3 LS4M LS4D Continental AACB3 - AACB4 - Lima AL273ML - AL274ML -	USAire	LM/LMH	LD	LTM	LTD
Airmate A451HM AT451HO A452HM AT452HO Compare to: A303M A303O A304M A3040 Hart & Cooley A613MS A613OB A614MS A6140B Shoemaker CB30HM - CB40HM - USAire LSM3 LSD3 LS4M LS4D Continental AACB3 - AACB4 - Lima AL273ML - AL274ML -	Continental	AACB1	-	AACB2	-
Compare to: A303M A303O A304M A3040 Hart & Cooley A613MS A613OB A614MS A6140B Shoemaker CB30HM - CB40HM - USAire LSM3 LSD3 LS4M LS4D Continental AACB3 - AACB4 - Lima AL273ML - AL274ML -	Lima	A271ML	-	AL272ML	- ()
Hart & CooleyA613MSA613OBA614MSA6140BShoemakerCB30HM-CB40HM-USAireLSM3LSD3LS4MLS4DContinentalAACB3-AACB4-LimaAL273ML-AL274ML-		A451HM	AT451HO	A453UM	ATAEOUO
USAire LSM3 LSD3 LS4M LS4D Continental AACB3 AACB4 Lima AL273ML AL274ML	Airmate		Altonio	A452HIVI	AI452HU
Continental AACB3 AACB4 Lima AL273ML AL274ML	Compare to		A3030	A304M	A3040
Lima AL273ML AL274ML	Compare to	A613MS	A3030 A6130B	A304M A614MS	A3040
	Compare to Hart & Cooley Shoemaker	A613MS CB30HM	A3030 A6130B 	A304M A614MS CB40HM	A3040 A6140B
Airmate A453HM AT453HO A454HM AT454HO	Compare to Hart & Cooley Shoemaker USAire	A613MS CB30HM LSM3	A3030 A6130B LSD3	A304M A614MS CB40HM LS4M	A3040 A6140B LS4D
	Compare to Hart & Cooley Shoemaker USAire Continental	A613MS CB30HM LSM3 AACB3	A3030 A6130B LSD3 	A304M A614MS CB40HM LS4M AACB4	A3040 A6140B LS4D

Features

• Individually adjusting curved blades

- Aesthetically designed on-piece frame
- Optional OBD
- Pristine powder-coat finish.
- Recessed screw holes



Large, adjustable blades

SmoothGlide Damper

SmoothGlide Technology is the very simple, albeit very expensive, process of carefully powder-coating each and every individual component of a register, prior to assembly. The finished product is a stamped register with 100% powder coat coverage and a smooth quiet damper assembly that glides open or closed with the touch of a finger.



For markets that require a gasket on the back of the register face, we offer the A300MG. These models are otherwise identical to the rest of the A300 Series, and are available in 1, 2, and 4 way air throw configurations, and in all popular or common sizes.

TRUaire

Model A303-O Three Way - OBD Option

A302M	A302VM	A303M	A304M
20			
20		20	20
20	20	20	
20		20	
10	10	10	10
20		20	
10	10	10	
10	10	10	
10	10	10	10
20			
10	10	10	
10	10	10	
10			
10	10	10	10
10			
10		10	
10	10	10	
10			
10			10
		5	5
			2
		10	

US FOR	ANY SIZES	S NOT I	ISTED.

NOTE: FOR OPPOSED BLADE DAMPER OPTION PLEASE SPECIFY "O" FOR OBD FEATURE

A300MG with Gasket

Foam gasket -

1			5.4.1
OBD	Sizes &	& Qty. C	hart
	A301-0	A303-0	A304-O
SIZE			
4 X 4			
6 X 4			
6 X 6	10	10	10
8 X 4	10		
8 X 6			
8 X 8	5	5	5
10 X 4			
10 X 6	5		
10 X 8	5		
10 X 10	5	5	5
12 X 4			
12 X 6	5		
12 X 8	5		
12 X 10			
12 X 12	2	2	2
14 X 4			
14 X 6	10		
14 X 8	5		
14 X 10			
14 X 14		2	2
16 X 4			
16 X 16	5		1
18 X 18			1
20 X 8			
20 X 10			
20 X 20			1



Square Aluminum Ceiling Diffusers

Square Aluminum Ceiling Diffusers

ed Size

A500 SERIES - Aluminum

The A500 Series represents a great blend of form and function. The extruded aluminum blade and frame design is sleek, and finished with our pristine white powder-coat process. The mitered corners are clean to the point of barely a notice.

At the same time, the durability of extruded aluminum won't rust, and the sturdy frame and blade design come together for a lifetime of use. The A500 Series is available in a variety of airflow configurations, and two different damper designs. Altogether then, this diffuser is as flexible as it is attractive.

Model A501M

Ceiling Diffuser - 1 Way



Model A503M Ceiling Diffuser - 3 Way



Model A505M Ceiling Diffuser - 2 Way Corner



Model A502M Ceiling Diffuser - 2 Way



Model A504M Ceiling Diffuser - 4 Way





Compare to:	A500M	A500-0
Hart & Cooley	A500MS	A500-OB
Shoemaker	SDD	SDD-0
USAire	5200	5200-DA
Continental	AE-MS	AE-OB
Lima	AL160ML	AL160OBD
Airmate	E105M	E105-0

Features

- Extruded Aluminum Construction
- Multi-shutter or Opposed Blade
- Damper
- Beautifully Mitered Corners
- Damper choices

Product Detail

• Air Pattern Choices





	► Listed Size (+3")	
502	• •	Lis



14 X 14 10

10

SIZE 6X6

8 X 8

10 X 10

12 X 12

of a finger.







Opposed Blade Damper (O)

Perfectly Mitered Frame Corner **Optional Multi-shutter** or OBD Damper

toll free: (888) TRUAIRE • www.truaire.com

TRUaire

SmoothGlide Damper

SmoothGlide Technology is the very simple, albeit very expensive, process of carefully powder-coating each and every individual component of a register, prior to assembly. The finished product is a register with 100% powder coat coverage and a smooth quiet damper assembly that glides open or closed with the touch



PLEASE CONTACT US FOR ANY SIZES NOT LISTED



Our top of the line OBD Damper for the ultimate in air control

Stamped Steel Return Grilles

Stamped Steel Return Grilles

170 Series

Stamped steel return grilles represent the most economical way to provide return air. These high quality stamped steel models are not only available in a wide variety of sizes, but fin design, and fin spacing as well. Although most commonly found in a pristine white powder-coat finish, the model 170 is also available in a brown finish.





Model 170 Stamped Return Grille

Model 173

1/3" Fin Spacing

Stamped Return Grille

1/2" Fin Spacing



Hart & Cooley 672 Shoemaker 1050 USAire 1400 Continental G25 Lima 60GH Airmate

Features



Compare to: 170 173 650 1033 ---G35 63GH 170 173

- High quality stamped steel
- Variety of fin styles
- Finished in white or brown
- Counter-sunk screw holes
- Individually shrink-wrapped



Model 174

Stamped Return Grille Fixed Curved Blade

NOTE: Available in steel only

Product Detail



Available in either Unique curved blade design on Model 174 1/2" or 1/3" Fin Spacing

Model 170 • 1/2" Fin Spacing

Model 173

Model 174



• 1/3" Fin Spacing Listed Size (+1.750") Listed Size (+1.750") ⅓" Fin Spacing Fixed Curved Blade - Listed Size (+1.750") -Listed Size (+1.750") Listed Size (+1.750")

MODEL NUMBER	SIZES AVAILABILTY	LARGEST SIZE
Model 170	Available in 125 popular sizes	Up to 40x20
Model 170B (BROWN)	Available in 40 popular sizes	Up to 36x36
Model 173	Available in 50 popular sizes	Up to 36x36
Model 174	Available in 20 popular sizes	Up to 36x16

NOTE: Please use the TRUaire Price List Catalog for specific Carton Quantity Data

170 Series Configurations





TRUaire **Stamped Sidewall Return Air Filter Grilles**

Stamped Sidewall Return Air Filter Grilles

'n

L.750

'n

7/16"

2 1/2"

â

2 3/4

.750

'n

4 1/2"

'n

4 3/4'

Available in 75 pop

Available in 20 pop

Available in 20 pop

Available in 20x25

Liste

M HEIG

190/190RF Series

Different home heating and air-conditioning designs utilize a variety of filter placement strategies. Most new homes in the "sunbelt states" choose to use a filter grille design.

As with everything that TRUaire makes, we offer a wide variety of designs to fit virtually every residential application; different fin spacing, different filter thicknesses, and different door designs. One look at the Comparison Chart, and it becomes clear that no one offers the variety that we do.



190 Series Options

isted Size (+2 %")

No other register and grille manufacturer offers both a **removable face**, and **fixed hinge** version of their filter grilles. We do, and the reason is simple; safety. We highly recommend using only the fixed hinge Model 190 filter grille for all ceiling applications to reduce the possibility of injury.



Compare to: 190 190RF 192RF 193RF 194

TRUaire

| _ | _ | | | | |
 |
 |
 | |
 | |
 | | | | | |
|---|----|---|---|--|---
--
--
--

---|---|-----------
---|--
---|---|--|---|
| Iodel 190 Sizes & Carton Quantity Chart | | | | | |
 |
 |
 | |
 | |
 | | | | | |
| HT WIDTH | | | | | |
 |
 |
 | |
 | |
 | | | | | |
| 8 | 10 | 12 | 14 | 16 | 18 | 20
 | 22
 | 24
 | 25 | 26
 | 28 | 30
 | 32 | 36 | 38 | 40 | 50 |
| | 1 | | | | | 1
 |
 | 1
 | |
 | | 1
 | | | | | |
| 1 | | | 1 | | | 1
 |
 | 1
 | |
 | | 1
 | | | | | |
| | 1 | | 1 | 1 | 1 | 1
 |
 | 1
 | |
 | | 1
 | 1 | 1 | | 1 | |
| | | 1 | | | 1 | 1
 |
 | 1
 | 1 |
 | | 1
 | | 1 | | | |
| | | | 1 | 1 | 1 | 1
 |
 | 1
 | 1 | 1
 | | 1
 | | 1 | | | |
| | 1 | | | 1 | | 1
 |
 | 1
 | 1 | 1
 | | 1
 | | 1 | | | |
| | | 1 | | | 1 | 1
 |
 | 1
 | |
 | | 1
 | | 1 | | | |
| | 1 | 1 | 1 | 1 | 1 | 1
 |
 | 1
 | 1 |
 | | 1
 | | 1 | | 1 | 1 |
| | | | | | |
 | 1
 |
 | |
 | | 1
 | | | | | |
| | 1 | 1 | 1 | 1 | 1 | 1
 |
 | 1
 | |
 | | 1
 | | 1 | | | |
| | | | 1 | 1 | | 1
 |
 |
 | 1 |
 | |
 | 1 | | | | |
| | | | 1 | | |
 |
 |
 | |
 | |
 | | | | | |
| | | | | | |
 |
 |
 | |
 | |
 | | | | | |
| | | 1 | 1 | 1 | 1 | 1
 |
 | 1
 | |
 | | 1
 | | 1 | | | |
| | | | | | |
 |
 |
 | 1 |
 | |
 | | | | | |
| | | 1 | 1 | 1 | 1 | 1
 |
 | 1
 | |
 | |
 | | 1 | | | |
| | | | | | | 1
 |
 |
 | |
 | |
 | | | | | _ |
| | | | | | | 1
 |
 |
 | |
 | E | -0
 | | | | | |
| | 8 | 8 10
1
1
1
1
1
1
1
1
1 | 8 10 12 1 1 1 | 8 10 12 14 1 - | 8 10 12 14 16 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 8 10 12 14 16 18 1 - <td>8 10 12 14 16 18 20 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1<!--</td--><td>Nome Nome <th< td=""><td>WIDIM 8 10 12 14 16 18 20 22 24 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</td><td>101214161820242511<!--</td--><td><</td><td>WIDTH81012141618202224252628111<!--</td--><td>NUMENENCIPUENC</td><td>Normal Normal Normal</td><td>VIUNT 8 10 12 14 16 18 20 22 24 25 26 28 30 32 36 1</td><td>VIDIM 8 10 12 14 16 18 20 22 24 25 26 28 30 32 36 38 1</td><td>VIUNT 8 10 12 14 16 18 20 22 24 25 26 28 30 32 36 38 40 1</td></td></td></th<></td></td> | 8 10 12 14 16 18 20 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 </td <td>Nome Nome <th< td=""><td>WIDIM 8 10 12 14 16 18 20 22 24 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</td><td>101214161820242511<!--</td--><td><</td><td>WIDTH81012141618202224252628111<!--</td--><td>NUMENENCIPUENC</td><td>Normal Normal Normal</td><td>VIUNT 8 10 12 14 16 18 20 22 24 25 26 28 30 32 36 1</td><td>VIDIM 8 10 12 14 16 18 20 22 24 25 26 28 30 32 36 38 1</td><td>VIUNT 8 10 12 14 16 18 20 22 24 25 26 28 30 32 36 38 40 1</td></td></td></th<></td> | Nome Nome <th< td=""><td>WIDIM 8 10 12 14 16 18 20 22 24 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</td><td>101214161820242511<!--</td--><td><</td><td>WIDTH81012141618202224252628111<!--</td--><td>NUMENENCIPUENC</td><td>Normal Normal Normal</td><td>VIUNT 8 10 12 14 16 18 20 22 24 25 26 28 30 32 36 1</td><td>VIDIM 8 10 12 14 16 18 20 22 24 25 26 28 30 32 36 38 1</td><td>VIUNT 8 10 12 14 16 18 20 22 24 25 26 28 30 32 36 38 40 1</td></td></td></th<> | WIDIM 8 10 12 14 16 18 20 22 24 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 101214161820242511 </td <td><</td> <td>WIDTH81012141618202224252628111<!--</td--><td>NUMENENCIPUENC</td><td>Normal Normal Normal</td><td>VIUNT 8 10 12 14 16 18 20 22 24 25 26 28 30 32 36 1</td><td>VIDIM 8 10 12 14 16 18 20 22 24 25 26 28 30 32 36 38 1</td><td>VIUNT 8 10 12 14 16 18 20 22 24 25 26 28 30 32 36 38 40 1</td></td> | < | WIDTH81012141618202224252628111 </td <td>NUMENENCIPUENC</td> <td>Normal Normal Normal</td> <td>VIUNT 8 10 12 14 16 18 20 22 24 25 26 28 30 32 36 1</td> <td>VIDIM 8 10 12 14 16 18 20 22 24 25 26 28 30 32 36 38 1</td> <td>VIUNT 8 10 12 14 16 18 20 22 24 25 26 28 30 32 36 38 40 1</td> | NUMENENCIPUENC | Normal | VIUNT 8 10 12 14 16 18 20 22 24 25 26 28 30 32 36 1 | VIDIM 8 10 12 14 16 18 20 22 24 25 26 28 30 32 36 38 1 | VIUNT 8 10 12 14 16 18 20 22 24 25 26 28 30 32 36 38 40 1 |

PLEASE CONTACT US FOR ANY SIZES NOT LISTED

											100	-	_			-	
lode	el 19	ORF	Size	s & C	Carto	on Qu	uant	ity C	hart					-	-	1	
GHT	WIDTH																
	8	10	12	14	16	18	20	22	24	25	26	29	30	32	38	40	50
6		1					1		1				1				
8	1			1			1		1				1				
0		1		1	1	1	1		1				1	1	1	1	
2			1			1	1		1	1			1		1		
4				1	1	1	1		1	1	1		1		1		
6		1			1		1		1	1	1		1		1		
8			1			1	1		1				1		1		
0		1	1	1	1	1	1		1	1			1		1	1	1
2								1				1	1				
4		1	1	1	1	1	1		1				1		1		
5				1	1		1			1				1			
6				1													
9								1									
0			1	1	1	1	1		1				1		1		
2										1							
6			1	1	1	1	1		1						1		
0							1										
0							1										
-																	

PLEASE CONTACT US FOR ANY SIZES NOT LISTED

ILTY	LARGEST SIZE
pular sizes (see list above)	Up to 50x20
pular sizes	Up to 30x20
pular sizes	Up to 30x20
0/1 70-30	20x25 Only

TRUaire Fixed Bar Return Air Grille and Filter Grilles

Model 270

Fixed Bar Return Air Grille

60° blade angle from face

3/4" blade separation

Fixed Bar Return Air Grille and Filter Grilles

Model 270 and Model 290

When choosing return air grilles, whether filter grille or straight return air, the most economical choice is stamped steel every time. But for a few dollars more more, the Fixed Bar models provide the luxury of ruggedness and appearance.

Each heavy gauge bar is individually set at 60 degrees, and spaced 3/4" apart. There's nothing "flimsy" about this grille. It is rock-solid, individually welded, and looks fantastic!



Compare to:	270	290
lart & Cooley	94A	96AFB
hoemaker	-	920FG-2
ISAire	SRH	SRHF
Continental	FBG40	FBFG
ima	S90H	S90HFF
lirmate	280	280FF
unnate	200	20011

Features

- Pristine white Powder-coat finish
- Individually shrink-wrapped
- Counter-sunk screw holes
- (Model 270)
- Fixed hinge door (Model 290)



Model 290

Fixed Bar Return Air Filter Grille 3/4" blade separation 60° blade angle from face

Model 290 accepts 1" filters



Blades at 60 degrees Detail view of latch



ORDERING HINTS	DESCRIPTION	Example Model
Select a Base Model:	Model 270 - Return Air Grille Model 290 - Return Air Filter Grille	270 290
Select register size:	20 x 16 (Return Air Grille) 20 x 16 (Return Air Filter Grille)	270 20 x 16 290 20 x 16
Special Note:	There is a significant difference between a 20 x Return Grille. The first dimension is the approxima cases, this would be called the horizontal dimension	te length of the blades. In most

toll free: (888) TRUAIRE • www.truaire.com

www.truaire.com • toll free: (888) TRUAIRE

TRUaire

0	Size	Sizes & Carton Quantity Chart																		
	WIDTH																			
	6	8	10	12	14	16	17	18	20	24	25	26	28	30	32	36	38	40	44	48
		20	20	20	20					10				10						
	20	20	20	20	20	20		10	10	10		5	5	10		10				
		20	20	20	20	20		10	10	10		5	5	10		10				
			20	20	20	20	10	10	10	10	10	5	5	10		10				
				10	10	10		10	10	10		5		5		5				
				20	10	10		5	10	5	5		5	5	5	5	5			
					10	10			5	5	5		5	5		5		5	1	
			10		10			5	5	5			5	5		5				
			10		10				5	5	5			5		5		5		
																5				
				10	5	5			5	5				5		5				1
									5		5									
														5						
					5				5	5				5						
				5				5												
									5					1						

) S	ize	s & C	arto	n Qu	anti	ty Ch	art		1							2	
							WIDTH	ł									
	6	8	10	12	14	16	18	20	24	25	26	28	30	36	38	40	48
		1	1	1	1				1				1				
	1	1	1	1	1	1	1	1	1				1	1			
		1	1	1	1	1	1	1	1					1			
			1	1	1	1	1	1	1				1	1			
				1	1	1	1	1	1		1		1	1			
				1	1	1	1	1	1	1		1	1	1	1		
					1			1	1	1		1	1	1		1	
			1			1	1	1	1	1		1	1	1			
			1		1			1	1	1			1	1		1	
				1	1			1	1				1	1			1
								1									
													1				
					1			1					1				
				1		1	1										
								1					1				

TRUaire **Fixed Bar Return Air Grille and Filter Grilles**

Fixed Bar Return Air Grille and Filter Grilles

Model A270 and Model A290 **Aluminum Fixed Bar Return Grilles**

The top-of-the-line Return Air Grille is bar-type. And the best bar-type Return Air Grille is made of aluminum. Lightweight, rust resistant, and durable; Truaire's A270 Return Air Grille and A290 Return Air Filter Grille is the best of the best for residential return air applications.

Each aluminum fixed blade is set at 60 degrees and $\frac{3}{4}$ " apart. Finished in our pristine white powder-coat, this is a tough act to follow!

2	
0	
Statement of the second	

Easy-to-open finger latch

Model A270

Aluminum Fixed Bar Return Air Grille 3/4" blade separation 60° blade angle from face

	F	
Compare to:	A270	A290
Hart & Cooley	RH45	RHF45
Shoemaker	905	

Shoemaker	905	
USAire	RH	RHF
Continental	AFBG40	-
Lima	ALS90	ALS90HFF
Airmate	E280	E289FF

Features

- White powder-coat finish
- Individually shrink-wrapped
- Counter-sunk screw holes
- (Model A270)
- Fixed hinge filter door (Model A290)



Specia	al No	te:

cases, this would be	calle

Model A290	.
Aluminum Fixed Bar	

Aluminur Return Air Filter Grille 3/4" blade separation 60° blade angle from face

Model A290 accepts 1 "filters







TRUaire

27	270 Sizes & Carton Quantity Chart															
WIDTH																
6	8	10	12	14	16	18	20	22	24	25	28	30	36	40	46	48
20	20				20				10							
20	20	20	20	20	20	10	10		10			10	10	1		
	20	20	20	20	20		10		10			10				
		20		20	20	10	10		10			10	10			
			10			10	10		10			5	5			
				10		5	10		5	5	5	5				
					10		5		5	5	-	5	5			1
						5	5		5			5	5			
			10	10	5		5		5	5		5				
								5								
		10	10	5	5	5	5		5							
				5	5		5									
				5		5			5						1	

	290 Sizes & Carton Quantity Chart															
WIDTH																
4	6	8	10	12	14	16	18	20	22	24	25	28	30	36	40	48
			10	10	10					5						
		10		10	10											
			10	10	10	10		5		5			5			
				10		10	5	5		5			1	1		
				10		10	,				-					
					10			5		5	5	1	1			
						5		5		5	1		1	1		
				5			5	5		1			1	1		
			5	5	10	5	5	1		1	1		1	1	1	1
									1							
				5	5	5	1	1		1			1	1		1
					5	1		1			1					
				1		1	1	1		1						
										1						
								1								

	Example Model
inum Return Air Grille	A270
inum Return Air Filter Grille	A290
rille)	A270 20 x 16
ilter Grille)	A290 20 x 16

There is a significant difference between a 20 x 16 Return Grille and a 16 x 20 Return Grille. The first dimension is the approximate length of the blades. In most led the horizontal dimension or the width of the Return Grille.

Floor Registers

Floor Registers

150 SERIES

The 150M floor register series represents a wide range of variety, creative design and bold innovation. Even the most basic model brings with it unparalleled standards of excellence that is the hallmark of the TRUaire brand. This wide variety of designs includes the basic register model, the deluxe register model, the over-sized mobile home model and models that require screw holes. Each is available in our high quality brown or white powder-coat finish.



150 Series Options

The decades old practice of painting a register and damper after SmoothGlide Technology is the very simple, albeit very expensive, it has been assembled leads to chipped paint, unpainted exposed process of carefully powder-coating each and every individual surfaces, frozen linkage parts, rattling damper blades, and steel component of a register, prior to assembly. The finished ultimately...rust. The process saves time and money. It's the product is a stamped steel register with 100% powder coat coverage and a smooth quiet damper assembly that glides open best way to build a cheap register cheaply. or closed with the touch of a finger.



www.truaire.com • toll free: (888) TRUAIRE

SmoothGlide Damper

A	RTON QUAN	TITY CHART		
	150MB/MW	153MB/MW	155MM/MW	157MB/MW
	20	25	1000	
	20		20	20
	20		20	20
	20		20	20
	20		20	20
	20	20	20	20
	10	10		10
	10			10
	20			20
	10		10	10
	10			10
	10			10
-				

Face Frame: Listed Size (+1.50")

Except: 02x10 (3.750"x 11.50") 02x12 (3.750"x 13.50") 02x14 (3.750"x 15.50")

Standard 2-way model...although there's nothing "standard" about it!

> Model 153MB Three Way - Brown Finish

Featuring a wider frame and recessed screw holes, which is ideal for the Mobile Home industry.

Model 157MB Deluxe - Brown Finish

Baseboard Registers & Grilles

Baseboard Registers & Grilles

BASEBOARD SERIES

Models: 115, 118, 120, 121, 122, 123, 124, 125

15'' = 115SW

18" = 118SW

24" = 120SW

TRUaire proudly offers a complete line of baseboard products, manufactured with the same high-quality features including SmoothGlide dampers and pristine powder-coating. Most of these models are available in a variety of fin designs, fin spacing, and in either white or brown finishes.

SUPPLY

RETURN

15" Shown

Model 115RW

Model 115SW 15" Shown



Model 121SW 121SW-24 = 24"Deluxe Baseboard Diffuser One Way - 1/2" Spaced Fins - 3/4" Turnback 121SW-48 = 48"Deluxe Baseboard Diffuser



Model 123M Two Way 1/3" Spaced Fins - 3/4" Turnback



Model 124M Sidewall Supply - Bottom Open - 3/4" Turnback



Model 125TS Single Damper - Supply 1/3" Fin Spacing



Model 122RW

15'' = 115RW

18" = 118RW

24" = 120RW



Model 123RW One Way - 1/3" Spaced Fins - 3/4" Turnback



Model 125TR No Damper - Return





Product Detail



SmoothGlide Damper Linkage and Rivets Slotted Face



Compare to	122	123M	123R	124M	125TR	125TS
Hart & Cooley	674	664	657	-	658	655
Shoemaker	1150	855	133	855	1165	-
USAire	-	1300	-	-	-	-
Continental	BG21	BG32	BG31	B32	BEG21	55
Lima	60GH	7	671	667	652	649
Airmate	171	-	174	164	-	-

Features

Smoothglide damper technology

isted Size + 1.750") Listed Size (+ 1.750" Model 122RW 3/4" turnbac 3/4" turnbac

	-	-	1/2 inch	n fins	1		-	
Cinco	9.6	ton 0		Chaut		2		
Sizes	115	ton Qua	120	121	122	123	123	124
SIZE	S/R	S/R	S	S	R	M	R	M
8 X 4							20	
8X6							20	
10 X 6						20	20	20
10 X 8					20		20	20
12 X 6					20	20	20	20
12 X 8					20		20	20
14 X 4							20	
14 X 6					20	20	20	20
14 X 8					20		20	10
14 X 10					20		20	
14 X 12					20		20	
15	20							
16 X 6							20	
16 X 8					20		20	
18		20						
20 X 6					20		10	
20 X 8					10		10	
20 X 10							10	
24			10	10				
24 X 6					20		20	
24 X 8					10		10	
24 X 10					10		10	
24 X 12					10		10	
30 X 6					20		20	
30 X 8					10		10	
30 X 10					10		10	
30 X 12					10		10	
36 X 6					10		10	
36 X 8							10	
36 X 10					10			
36 X 12					5			

PLEASE CONTACT US FOR ANY SIZES NOT LISTED

48

TRUaire



Baseboard Registers & Grilles

Hart & Cooley

Shoemake

Continental

USAire

Lima

Airmate

Features

 Powder-coat • Sunburst fin design • Easy-Open Slotted Face

Baseboard Registers & Grilles

DESIGNER'S SERIES BASEBOARDS ABS Composite, Plated Finishes and Solid Oak

Each of our decorative baseboard diffusers allow the ability to update your home's look while also improving the heating or cooling. Choose from plated steel, ABS Composite or solid oak designs. These grilles are easy to install along the baseboard due to the removable faceplate and cleaning them is a snap.

15" = 115SRB

18" = 118SRB

24" = 120SRB

24'' = 120SSN

SUPPLY

RETURN

Model 115RRB

Oil Rubbed Bronze Finish

Model 115SRB Oil Rubbed Bronze Finish



Satin Nickel Finish



15" = 115SWP Model 115SWP 18" = 118SWP ABS Composite Baseboard 24" = 120SWP White Finish



Solid Oak Finishes Available:



15" = **Model 115RSN** 18'' = 118RSN

15" = 115RRB

18" = 118RRB

24" = 120RRB



15" = 115SBP Model 115SBP 18" = 118SBP ABS Composite Baseboard 24" = 120SBP Brown Finish



Model 168BB Solid Oak Baseboard in three distinct finishes



roduct Detail	AY CO
×1//	X-S
	111. 2011

Compare to: 115SW 115RW 118SW 118RW 121

471

1341

1505 180

471

351

470

1340

470

350

875 875

407

875

1340

351

462

350

1805 240

471 72 24

470

875

1330

150

470

350

• Smoothglide damper technology

Hand Assembled Oak Components

Easy-Open Slotted Face

2 13/16" Bottom View of Model 115

Model 115

Baseboard Supply Stamped Face 15" Shown - Available in the following finishes:

	OIL RUBBED BRONZE	SATIN NICKEL
SIZE	MODEL	MODEL
15"	115SRB	115RSN
18"	118SRB	118RSN
24"	120SRB	120RSN

Baseboard Return Stamped Face

Available in White or Brown Finish

15" Shown - Available in the following finishes:

	OIL RUBBED BRONZE	SATIN NICKEL
SIZE	MODEL	MODEL
15"	115RRB	115RSN
18"	118RRB	118RSN
24"	120RRB	120RSN

******** TTTTTTTTTTTTTTTTTTTTT Sunburst fin design

Screwdriver slot



Model 168-BB Baseboard

	UNFINISHED	LIGHT FINISH	
SIZE	MODEL	MODEL	
15"	168-BBU 15	168-BBL 15	1
18"	168-BBU 18	168-BBL 18	
24"	168-BBU 24	168-BBL 24	

*PLEASE CONTACT US FOR ANY SIZES NOT LISTED

www.truaire.com • toll free: (888) TRUAIRE

15″ 18″

24″

35

TRUaire



Model 118



Baseboard Supply ABS Composite

15" Shown - Available in the following sizes and in white or brown

	WHITE FINISH	BROWN FINISH
SIZE	MODEL	MODEL
15"	115SWP	115SBP
18"	118SWP	118SBP
24"	120SWP	120SBP

Baseboard Return ABS Composite

15" Shown - Available in the following sizes and in white or brown

	WHITE FINISH	BROWN FINISH
SIZE	MODEL	MODEL
15"	115RWP	115RBP
18"	118RWP	118RBP
24"	120RWP	120RBP



TRUaire **Heavy Duty Floor Grilles and Toe Space Grilles**

Heavy Duty Floor Grilles and Toe Space Grilles

154 Series Heavy Duty Floor Grilles

These two different floor application products round out the TRUaire floor grille offering, in two very different ways. The 154 Series is perfect when the application calls for extra strength and rigidity in the floor grille. Generally used as a return air product, several sizes are available with a damper mechanism as well.



Hart & Cooley

Shoemaker

Continental

Features

USAire

265 210

F25 F20

• 154 Series is extremely heavy duty

 Rugged brown powder coat finish • 150TS available in white or brown

150 & 173 Series

Toe Space Grilles

Each model in the toe space grille

dependable and simple vent underneath

your cabinet. Available in brown or white,

this is a grille only, no damper product.

lineup offers an understated yet

1600 1550 TS

1530 1530M 1320

420

TG32

-	1	1	1.	
and the second second		-	-	ALC: N
		1	-	1
-		1000		1
	-			
	1			1000
-	5	10	1	100
	-	-	-	

Model 154-0 Supply diffuser

	17 - L		-
1			
		S	

and OBD damper

Model 154R
Straight return grille

Model 150TSW

Grille only, no damper White Finish

> Model 150TSB Grille only, no damper Brown Finish

Model 173TSW Grille only, no damper White Finish

Model 173TSB Grille only, no damper Brown Finish



Heavy duty blades Detail view of durable bushings on OBD damper





Model 154-0

Steel Construction Floor Grille with damper



6 x 10 8 x 12

SIZE

02 x 08

02 x 10

02 x 12

02 x 14

04 x 08

04 x 10

04 x 12

04 x 14

06 x 08

06 x 10

06 x 12 06 x 14

SIZE

4 x 10

Model 150TS

Steel Construction Toe Space Grille





ORDERING HINTS DESCRIPTION Select a Floor Grille: Model 154R - Heavy Model 154-0 - Heavy Select a Toe Space Grille: Model 150TSB - Toe S Model 150TSW - Toe S Model 173TSB - Toe S Model 173TSW - Toe S **Special Note:** Please refer to corresp Feel free to contact us with any sizes not listed.



toll free: (888) TRUAIRE
www.truaire.com

www.truaire.com • toll free: (888) TRUAIRE

TRUaire

Available Sizes & Options

Mode	Model 154R Sizes & Carton Quantity Chart														
HEIGHT															
	4	6	8	10	12	14	16	18	20	24	25	26	28	30	36
4			10	10	10	10	10	10	10	5				5	
6			10	10	10	10	5	5	5	5				5	2
8	10	10	10	10	10	10	5	5	5	5				5	
10				10	10	5	5	5	5	5				5	
12				10	5	5	5	5	5	5				2	
14						5	5		5	2				2	
16							2	2	2	2				2	
18								2		2				2	2
20					5	5			2	2	2			2	
24										2				2	1
28															
30								2							



Model 154-0

Model 154R

(Reverse side shown)

Heavy Duty without damper

Heavy Duty with OBD Option (Reverse side shown)

Model 150TS SIZES

150TSB	150TSW
20	
20	20
20	20
20	20
20	20
20	20
20	20
20	20
20	20
20	20
20	20
20	

Model 173TS						
SIZE	QUANTITY	SIZE	QUANTITY			
2 x 10	5	4 x 10	5			
2 x 12	5	4 x 12	5			

War Call	Example Model
Duty Return Grille	154R
y Duty Supply Grille with OBD	154-0
pace Grille in <mark>Brown</mark> Finish	150TSB
Space Grille in <mark>White</mark> Finish	150TSW
ipace Grille in <mark>Brown</mark> Finish	173TSB
Space Grille in <mark>White</mark> Finish	173TSW
ponding "Sizes and Carton Quantit	ty Chart" listed for reference above.

Decorative Stamped Floor Registers

Decorative Stamped Floor Registers

160 DESIGNER'S SERIES

Inspired by fine interiors the world over, TRUaire's Designer Series™ collection of air vent covers, registers and grilles is designed to fit over any existing or new floor opening. Each register is handcrafted using quality materials and remarkable craftsmanship suited for an array of fine architectural styles while complimenting any home's interior.



Model 163 Retro Couture Design		odel 165 smopolitan Design
	ished rass	Designer's Feries
Model 166 Vintage Victorian Design	n Model 167 Modern Contempo Design	 Features Heavy steel construction Choose from five decorative designs Choose from five designer finishes Revolutionary SmoothGlide Technology dampers
Antique Brass	Matte Black	Antique Brass Oil Rubbed Bronze Polished Brass
Model 160 ABS Composite Collecti	on	Satin Nickel Matte Black Copper
Shown in White Finish	BROWN WHITE SIZE MODEL MODEL 02x12 160MBP 02x12 160MWP 02x12 04x08 160MBP 04x08 160MWP 04x08 04x10 160MBP 04x10 160MWP 04x12	Product Detail
		Designer Styles in Brown Finish

toll free: (888) TRUAIRE • www.truaire.com

Designer's Series Collection

Our Designer's Series features a combination of exquisite design, clean lines & functionality that works well with a diversity of architectural palettes. Each is fashioned with an eye towards accurately reproducing the styles of the decorative past while using materials of the present.

Model 163 Retro Couture

	OIL RU	BBED BRONZE	ANTIQUE BRASS	COPPER	POLISHED BRASS	SATIN NICKEL	MATTE BLACK
	SIZE	MODEL	MODEL	MODEL	MODEL	MODEL	MODEL
	02x10	163R-OB 02X10	163R-AB 02X10	163R-CP 02X10	163R-PB 02X10	163R-SN 02X10	163R-MB 02X10
	02x12	163R-OB 02X12	163R-AB 02X12	163R-CP 02X12	163R-PB 02X12	163R-SN 02X12	163R-MB 02X12
	04x10	163R-OB 04X10	163R-AB 04X10	163R-CP 04X10	163R-PB 04X10	163R-SN 04X10	163R-MB 04X10
-	04x12	163R-OB 04X12	163R-AB 04X12	163R-CP 04X12	163R-PB 04X12	163R-SN 04X12	163R-MB 04X12

Model 164 Ornamental Scroll

OIL RU	IBBED BRONZE	ANTIQUE BRASS	COPPER	POLISHED BRASS	SATIN NICKEL	MATTE BLACK
SIZE	MODEL	MODEL	MODEL	MODEL	MODEL	MODEL
02x10	1640-OB 02X10	1640-AB 02X10	1640-CP 02X10	1640-PB 02X10	1640-SN 02X10	1640-MB 02X10
02x12	1640-OB 02X12	1640-AB 02X12	164O-CP 02X12	1640-PB 02X12	1640-SN 02X12	1640-MB 02X12
04x10	1640-OB 04X10	1640-AB 04X10	164O-CP 04X10	1640-PB 04X10	1640-SN 04X10	1640-MB 04X10
04x12	1640-OB 04X12	1640-AB 04X12	164O-CP 04X12	1640-PB 04X12	1640-SN 04X12	1640-MB 04X12

Model 165 Cosmopolitan

l Rubbed Bronze

OIL RU	BBED BRONZE	ANTIQUE BRASS	COPPER	POLISHED BRASS	SATIN NICKEL	MATTE BLACK
SIZE	MODEL	MODEL	MODEL	MODEL	MODEL	MODEL
02x10	165C-OB 02X10	165C-AB 02X10	165C-CP 02X10	165C-PB 02X10	165C-SN 02X10	165C-MB 02X10
02x12	165C-OB 02X12	165C-AB 02X12	165C-CP 02X12	165C-PB 02X12	165C-SN 02X12	165C-MB 02X12
04x10	165C-OB 04X10	165C-AB 04X10	165C-CP 04X10	165C-PB 04X10	165C-SN 04X10	165C-MB 04X10
04x12	165C-OB 04X12	165C-AB 04X12	165C-CP 04X12	165C-PB 04X12	165C-SN 04X12	165C-MB 04X12
02x10	165C-OB 02X10	165C-AB 02X10	165C-CP 02X10	165C-PB 02X10	165C-SN 02X10	165C-MB 02X10
02x12	165C-OB 02X12	165C-AB 02X12	165C-CP 02X12	165C-PB 02X12	165C-SN 02X12	165C-MB 02X12
04x10	165C-OB 04X10	165C-AB 04X10	165C-CP 04X10	165C-PB 04X10	165C-SN 04X10	165C-MB 04X10
04x12	165C-OB 04X12	165C-AB 04X12	165C-CP 04X12	165C-PB 04X12	165C-SN 04X12	165C-MB 04X12

Model 166 Vintage Victorian

1	OIL RU	BBED BRONZE	ANTIQUE BRASS	COPPER	POLISHED BRASS	SATIN NICKEL	MATTE BLACK
1	SIZE	MODEL	MODEL	MODEL	MODEL	MODEL	MODEL
1	02x10	166V-OB 02X10	166V-AB 02X10	166V-CP 02X10	166V-PB 02X10	166V-SN 02X10	166V-MB 02X10
	02x12	166V-OB 02X12	166V-AB 02X12	166V-CP 02X12	166V-PB 02X12	166V-SN 02X12	166V-MB 02X12
	04x10	166V-OB 04X10	166V-AB 04X10	166V-CP 04X10	166V-PB 04X10	166V-SN 04X10	166V-MB 04X10
	04x12	166V-OB 04X12	166V-AB 04X12	166V-CP 04X12	166V-PB 04X12	166V-SN 04X12	166V-MB 04X12

Model 167 Modern Contempo

	OIL RU	BBED BRONZE	ANTIQUE BRASS	COPPER	POLISHED BRASS	SATIN NICKEL	MATTE BLACK
2.272.2	SIZE	MODEL	MODEL	MODEL	MODEL	MODEL	MODEL
QUULUN	02x10	167M-OB 02X10	167M-AB 02X10	167M-CP 02X10	167M-PB 02X10	167M-SN 02X10	167M-MB 02X10
dordil	02x12	167M-OB 02X12	167M-AB 02X12	167M-CP 02X12	167M-PB 02X12	167M-SN 02X12	167M-MB 02X12
	04x10	167M-OB 04X10	167M-AB 04X10	167M-CP 04X10	167M-PB 04X10	167M-SN 04X10	167M-MB 04X10
	04x12	167M-OB 04X12	167M-AB 04X12	167M-CP 04X12	167M-PB 04X12	167M-SN 04X12	167M-MB 04X12
latte Black		223	A 3	3122	223	K.	

TRUaire



Solid Oak Floor & Sidewall Registers

Solid Oak Floor & Sidewall Registers

168 Solid Oak Registers

Inspired by fine interiors the world over, TRUaire's Designer Series™ collection of air vent covers, registers and grilles is designed to fit over any existing or new floor opening. Each register is handcrafted using quality materials and remarkable craftsmanship suited for an array of fine architectural styles while complimenting any home's interior.



Designer's

_ _ _



Model 168-SQ Solid Oak Square Floor



Shown in Light Finish

> Model 168-FM Solid Oak Flush Mount





Model 168-SW Solid Oak Sidewall

Shown Unfinished



Features

• Solid Oak construction

Technology dampers

Solid Oak Finishes Available

• Revolutionary SmoothGlide

• Choose from three designer finishes

Hand Assembled Oak Components

Made from real wood and hand-stained

Designer's Series Collection

Our Designer's Series features a combination of exquisite design, clean lines & functionality that works well with a diversity of architectural palettes. Each is fashioned with an eye towards accurately reproducing the styles of the decorative past while using materials of the present.

Model 168-FL Solid Oak Floor

	UNFINISHED	LIGHT FINISH	DARK FINISH
 SIZE	MODEL	MODEL	MODEL
02x10	168-FLU 02x10	168-FLL 02x10	168-FLD 02x10
02x12	168-FLU 02x12	168-FLL 02x12	168-FLD 02x12
04x10	168-FLU 04x10	168-FLL 04x10	168-FLD 04x10
04x12	168-FLU 04x12	168-FLL 04x12	168-FLD 04x12
06x10	168-FLU 06x10	168-FLL 06x10	168-FLD 06x10
06x12	168-FLU 06x12	168-FLL 06x12	168-FLD 06x12

Model 168-SQ Solid Oak Square Floor

		UNFINISHED	LIGHT FINISH	DARK FINISH
	SIZE	MODEL	MODEL	MODEL
Ш	02x10	168-SQU 02x10	168-SQL 02x10	168-SQD 02x10
	02x12	168-SQU 02x12	168-SQL 02x12	168-SQD 02x12
E.	04x10	168-SQU 04x10	168-SQL 04x10	168-SQD 04x10
	04x12	168-SQU 04x12	168-SQL 04x12	168-SQD 04x12
5	06x10	168-SQU 06x10	168-SQL 06x10	168-SQD 06x10
	06x12	168-SQU 06x12	168-SQL 06x12	168-SQD 06x12

Model 168-SW Solid Oak Sidewall

		UNFINISHED	LIGHT FINISH	DARK FINISH
	SIZE	MODEL	MODEL	MODEL
	10x04	168-SWU 10x04	168-SWL 10x04	168-SWD 10x04
	10x06	168-SWU 10x06	168-SWL 10x06	168-SWD 10x06
	12x04	168-SWU 12x04	168-SWL 12x04	168-SWD 12x04
	12x06	168-SWU 12x06	168-SWL 12x06	168-SWD 12x06

Model 168-FM Solid Oak Flush Mount

		UNFINISHED	LIGHT FINISH	DARK FINISH
1	SIZE	MODEL	MODEL	MODEL
1	02x10	168-FMU 02x10	168-FML 02x10	168-FMD 02x10
	02x12	168-FMU 02x12	168-FML 02x12	168-FMD 02x12
4	04x10	168-FMU 04x10	168-FML 04x10	168-FMD 04x10
	04x12	168-FMU 04x12	168-FML 04x12	168-FMD 04x12
	06x10	168-FMU 06x10	168-FML 06x10	168-FMD 06x10
	06x12	168-FMU 06x12	168-FML 06x12	168-FMD 06x12

www.tru	aire.com	toll	free: (

TRUaire



Example of available oak floor sizes.

4"x 12"

Shown in Dark Finish 2"x 10

Shown in Dark Finish

6"x 10"

888) TRUAIRE

Access Doors

Access Doors



TRUaire

ACD690 Access Door Features

Latch System

Durable Fixed Hinges

> Shown in open position

Model ACD690 Heavy Duty Access Panel Door (Reverse side shown)

Seismic installation tabs

A CONTRACT	Example Model	
e size chart listed above	16 x 16	
ss Door Panel	ACD690 16 x 16	

Please refer to corresponding "Sizes and Carton Quantity Chart" listed for reference above.

Accessories

Accessories

Model 820

Model 821

Model OBD

Ring Collar

• 820 Ring Collar available

in round neck size 6" - 18"

Push Pin Fasteners Push pins come in packages of 20. (Please order in

quantities divisible by 20)

NEW

Dampers and Accessories

Most of these accessory items in this catalog can be found within the corresponding pages that relate to their specific application. To make each accessory that we offer even easier to find, we have organized each of them together here in one place.

From Dampers and Mounting Gear to the new snap-in collar system, or whether you're looking for optional Opposed Blade Dampers or product specific T-Bar mounting extras, you are sure to find whatever you need.



Model 801 Butterfly Damper & Installation Ring This assembly is used only in conjunction with our Model 800 Round Register. Up to 18"

Model 802 Butterfly Damper with Mounting Clips This is the damper to use in conjunction with our 2000 Series T-Bar Diffusers. Up to 18"

Model 803 Installation Ring only This mounting ring is used when installing the 800 Series Round Register without a damper. Up to 18"

NEW

Model 804 Radial Damper Also referred to as a bow-tie damper,

this damper is used in conjunction with the 2000 Series T-Bar Diffusers, particularly when the blades of the butterfly damper extend too far into the duct. Up to 14".



Depending on the application, these damper assemblies are designed to work with our round Model 800 registers, or, with the 2000 Series T-Bar Diffusers.

Sizes & Carton Quantity Chart				
	801	802	803	804
SIZE				
6	20	20	20	10
8	20	10	20	10
10	20	10	20	10
12	20	10	20	10
14	10	10	10	10
16	10	10	10	
18	10	10	10	

Round Collars and Push Pins

The Model 820 Collar and Model 821 Push-pin fasteners are the perfect solution for getting a start collar into the compressed fiberglass of our molded R6 backs. These can be used with any application where a molded R6 back is present. Used on Models:

- 1010MAS/MAR
- 2000 Series w/R6 molded backs
- 2600 Series
- 5400 Series
- T-Bar Return Air Panels

Model 820 Extended Collar with Ring

Model 820 Collars are available in round sizes from 6" to 18". Model 821 Push Fasteners come in packages of 20.*

NOTE: Please order in increments of 20 packs.

Collars range from: 6",7",8",9",10",12",14",16" & 18"

Universal Back without Collar (Molded R6 fiberglass only, with scored lines)



TRUaire

Model 640 - Outside Air Vent

• Shown with and without wire mesh backing. Please specify your preference when ordering.

Used with Model 820 pictured above

Model SQRD - Square to Round Transition

- Galvanized steel construction
- Allows flexible duct installation with square neck diffusers
- 802 & 804 damper can be used

Opposed Blade Damper

- Extruded Aluminum Construction
- · Controls air flow from full flow to shut off
- Durable nylon bushings (easy to open and close)

Accessories

Model OBD-1 Heavy Duty Opposed Blade

Damper Option

Opposed Blade Dampers

You'll not find a higher quality Opposed Blade Damper system anywhere. Our Model OBD-1 works with almost anything we make that would typically require an OBD. Durable nylon bushings make for clean, smooth operation without rattling or spontaneous closing of the blades in the airstream.

Example: Model 154-O Heavy Duty Floor Grille with OBD Option



T-Bar Panels, Frames and Insulation



Model 5000P

This T-Bar Panel is ready to accept a A500 Series ceiling diffuser. The sturdy panel is pre-punched with a variety of square center openings. (Available in 24x24, with center openings from 6"x6" up to 20"x20")



5000 XF Aluminum Surface Mount Frame This all aluminum frame is used for drywall or sheetrock applications where no traditional T-bar drop ceiling hardware exists. Any of our T-bar diffusers will "lay-in" comfortably once

Available neck sizes: 12x12 24x12 24x24 24x48

the Ex Frame is installed.

Outside

(Face Size: Neck size + 2")

Recessed Screw Holes

Our top of the line OBD Dampers offer the ultimate in air control. Top notch craftsmanship includes hand assembled nylon bushings on each blade linkage to ensure that the aluminum blades stay in place according to the aiflow that is desired.

Most square sizes are a standard stocking product. Please call for availability of other sizes.

- Model 1056FB Molded R6 Insulated Back

Incredibly convenient, this 24x24 R6 molded fiberglass plenum can be cut, folded, bent, and glued onto the back of just about any T-Bar product for applications calling for insulation.

> Scored and marked concentric lines on the facing make it easy to work with, and with our new collar and pin accessories on the opposite page, labor can be cut to a minimum.

EXAMPLE A COMMERCIAL SERIES



Single Deflection Adjustable Bar Type

Compare to:

Hart & Cooley

Shoemake

210VM

821

951

Single Deflection Adjustable Bar Type

210 SERIES

Arguably the most versatile of all supply registers, the 210 Series Single Deflection register is available in a wide variety of configurations for almost any application. The highly effective open blade design and TRUAIRE's exclusive one piece frame allows for greater airflow. Our 210 Series is available with our unique SmoothGlide multi-shutter damper mechanism, a high quality opposed blade damper mechanism or without a damper.

Whether ceiling or sidewall, commercial or residential, these registers deliver high capacity airflow, style & solid construction.



toll free: (888) TRUAIRE • www.truaire.com

SmoothGlide Damper

install the rivets to our blades.



TRUaire

0	210
ical blades	210V
izontal blades	210H
ti-shutter Damper (SmoothGlide)	210VM
posed Blade Damper	210VO
Vithout Damper	210V

Single Deflection Adjustable Bar Type

Single Deflection Adjustable Bar Type

A210 SERIES - Aluminum

Among the most versatile of all supply registers, the A210 Series Single Deflection register is available in a wide variety of configurations for almost any application. These registers feature an attractive and highly effective open blade design which allows increased airflow when compared to any stamped fin design. The single row of adjustable airfoil designed blades can be arranged horizontally or vertically.

Whether ceiling or sidewall, commercial or residential, these register delivers high capacity airflow, style & solid construction.



A210VM A210VO

Cooley	A618MS	A6180B
naker	950	950-0
2	VM	VD
iental	AVM	Х
	AL900V	AL990VOBD
te	A420-VM	AT420-VO
tures		
ustable horizon	tal or vertic	al
foil blades		
minum construc	tion	

White powder-coat finish

Compare to:

Hart &

Shoem

 Variety of damper configurations Including: SmoothGlide multi-shutter

Opposed Blade Damper (OBD)

Top notch craftsmanship includes nylon bushings to ensure the aluminum blades stay in place according to the airflow that is desired.



Model A210 V = Vertical H = Horizon M = Multi-sl

www.truaire.com • toll free: (888) TRUAIRE

and popular configuration.

Blank = Withc

TRUaire

A210 Series Options

1.17 1

High Quality Aluminum Comr

SmoothGlide Damper

There is nothing like it on the market. Our SmoothGlide Damper prevents rust, rattling, and sticking. These dampers use high quality components. The idea behind this technology is that we powder coat the blade and the linkage component individually BEFORE we assemble our products and then we install the rivets to our blades.



A210V
A210H
A210VM
A210V0
A210V

TRUaire **Double Deflection Adjustable Bar-Type**

Double Deflection Adjustable Bar-Type

Durable nvlon

bushing

220 SERIES

TruAire's 220 Series Double-Deflection registers represent the top-of-the line adjustable bar-type product. These registers feature two perpendicular rows of individually adjustable Airfoil bars for maximum airflow control. They can be ordered with the horizontal row in front, (220H), or with the vertical row in front, (220V).

Whether commercial or residential, using an OBD damper or no damper at all, the 220 Series register delivers high capacity airflow with a sleek aesthetic style and rock solid construction.



Compare to: 220 Series Hart & Cooley 92VHO Titus 300RS 934 Shoemaker 52**0**S 880V

- Adjustable horizontal and vertical
- Opposed Blade Damper (OBD),
- Remarkable one-piece beveled frame

sted Size (+1.750") 220H isted Size +1.750")



sted Size (+1.750") 220HO Listed Size (+1.750")

220VO (+1.750")

NOTE:

The Model 220 Series is available in over 60 sizes and configurations. For available sizes and current pricing please refer to our Pricing Guide Supplement.

ORDERI	NG HINTS	DESCRIPTION	Example Model
1. Start wi	th the base model	Model 220	220
2. Select tl	ne blade positioning	V = Vertical blades H = Horizontal blades	220V 220H
3. Select tl	he damper configuration	VO = Vertical Opposed Blade Damper HO = Horizontal Opposed Blade Damper Blank = Without Damper	220VO 220HO 220V

toll free: (888) TRUAIRE • www.truaire.com

TRUaire

220 Series Options

and a war war

Opposed Blade Damper (OBD)

Top notch craftsmanship includes nylon bushings to ensure the blades stay in place according to the airflow you wish.

> **High Quality** Steel Componen

TRUaire **Double Deflection Adjustable Bar-Type**

Double Deflection Adjustable Bar-Type

A220 SERIES - Aluminum

TruAire's A220 Series Double-Deflection registers represent the top-of-the line adjustable bar-type product. These registers feature two perpendicular rows of individually adjustable Airfoil blades for maximum airflow control. They can be ordered with the horizontal row in front, (A220H), or with the vertical row in front, (A220V).

Whether commercial or residential, using an OBD damper or no damper at all, the A220 Series register delivers high capacity airflow with a sleek aesthetic style and rock solid construction.



Compare to:	A220V	A220VO
lart & Cooley	-	-
hoemaker	904	904-0
JSAire	VH	VHD
Continental		- /
ima	AL990V	AL990VOBD
Airmate	E240V	E240VO

Adjustable horizontal and vertical

- Opposed Blade Damper (OBD),



Listed Size (+1.750") Listed Size (+1.750")

NOTE:

The Model A220 Series is available in over 60 sizes and configurations. For available sizes and current pricing please refer to our Pricing Guide Supplement.

> Easily adjust aluminum blades to preferred air deflection.

ORDERING HINTS	DESCRIPTION	Example Model		
1. Start with the base model	Model A220	A220		
2. Select the blade positioning	V = Vertical blades H = Horizontal blades	A220V A220H		
3. Select the damper configuration	VO = Vertical Opposed Blade Damper HO = Horizontal Opposed Blade Damper Blank = Without Damper	A220VO A220HO A220V		

www.truaire.com • toll free: (888) TRUAIRE

TRUaire

A220 Series Options

Opposed Blade Damper (OBD)

Nylon bushings firmly hold the blades in place

to keep tensio

Top notch craftsmanship includes nylon bushings to ensure the aluminum blades stay in place according to the airflow you wish.





Ers. E. s. C. . an

Also available in steel. See the 220 Series

Fixed Bar Type Return Air Grilles

Fixed Bar Type Return Air Grilles

Model 270

Sele

Spee

Model 270 and A270

Bar type return air grilles look better, perform better, and bring a touch of class to any installation; commercial or residential. This bar type return air grille's fixed bars are solidly placed at 60 degrees to ensure maximum airflow and reduced visibility into the ductwork itself.

These high quality return air grille products are manufactured in durable steel or aluminum materials and finished with our pristine white powder-coat finish. Available in virtually any size up to 40 x 20.



Shown in horizontal

Model 270

size format 60° Blade angle from face

Shown in square size format



Model A270 Shown in vertical size format

60° Blade angle from face **NOTE:** Available in both

steel and aluminum.



Features

Aluminum or steel construction

- Low visibility 60 degree fixed blades
- ³/₄ inch blade spacing
- White powder-coat finish

Product Detail



Individually fixed bars placed at 60 degrees



RDERING HINTS	DESCRIPTION	Example Model
ect Steel or Aluminum:	Model 270 - Steel Constuction Model A270 - Aluminum Construction	270 A270
ect register size:	20 x 16 (Steel) 20 x 16 (Aluminum)	270 20 x 16 A270 20 x 16
ecial Note:	There is a significant difference between a 20 x 16 Retu Return Grille. The first dimension is the length of the bla would be called the horizontal dimension or the width	ades. In most cases, this

Model 270

Model 270 and A270

0 Sizes & Carton Quantity Chart																				
WIDTH																				
	6	8	10	12	14	16	17	18	20	24	25	26	28	30	32	36	38	40	44	48
		20	20	20	20					10				10						
	20	20	20	20	20	20		10	10	10		5	5	10		10				
		20	20	20	20	20		10	10	10		5	5	10		10				
			20	20	20	20	10	10	10	10	10	5	5	10		10				
				10	10	10		10	10	10		5		5		5				
				20	10	10		5	10	5	5		5	5	5	5	5			
					10	10			5	5	5		5	5		5		5	1	
			10		10			5	5	5			5	5		5				
			10		10				5	5	5			5		5		5		
																5				
				10	5	5			5	5				5		5				1
									5		5									
														5						
					5				5	5				5						
				5				5												
									5					1						

7	70 Sizes & Carton Quantity Chart															
							WIDTH	ł								
	8	10	12	14	16	18	20	22	24	25	28	30	36	40	46	48
	20				20				10							
	20	20	20	20	20	10	10		10			10	10	1		
	20	20	20	20	20		10		10			10				
		20		20	20	10	10		10			10	10			
			10			10	10		10			5	5			
				10		5	10		5	5	5	5				
					10		5		5	5		5	5			1
						5	5		5			5	5			
			10	10	5		5		5	5		5				
								5								
		10	10	5	5	5	5		5							
				5	5		5									
				5		5			5						1	

Wall Mount A/C Registers and Grilles

Wall Mount A/C Registers and Grilles



59

TRUaire

TRUaire



Bar-Type r Grille	ALUMINUM Supply Diffuser	ALUMINUM Bar-Type Return Grille	ALUMINUM Bar-Type Filter Grille
290	A220V	A270	A290
D-AL	A220V-AL	A270-AL	A290-AL
x10 x12	17x5 20x8	17x10 20x12	17x10 20x12
x12 x14 x16	28x8 30x10	28x12 28x14 30x16	28x14 30x16

www.truaire.com • toll free: (888) TRUAIRE
TRUaire **Modular Core Surface Mount Diffusers**

Modular Core Surface Mount Diffusers

Model A520F & Model A520B

These modular core products are manufactured in a surface mount design, bringing total versatility to any drywall or sheetrock ceiling installation. Made with top-quality extruded aluminum, the removable "cores" can be arranged in one, two, three, four, and two-way corner throw configurations.

TruAire proudly offers two architecturally different frame styles; featuring either flat-frame or bevel-frame designs and an optional high-quality aluminum Opposed Blade Damper (OBD) system.

Detachable core panels can be

arranged in a variety of airflow patterns

Model A520F Flat-frame design

Model A520B Beveled-frame design



Compare to:	A520
Hart & Cooley	MCD-1
Titus	MCD-1
Shoemaker	MA
Metal Aire	9000
Price	AMCD
Krueger	1200



 $\frac{n}{c}$

- Beautifully crafted removable aluminum cores
- One, two, three, four-way and corner throw patterns
- White powder-coat finish
- Attractive Beveled-frame or Flat-frame designs
- Square neck sizes from 6x6 to 20x20

Product Detail



Beveled Frame Design Flat Frame Design

Model A520F - Flat Frame

• Modular Core Surface Mount Diffuser



Model A520B - Beveled Frame

Modular Core Surface Mount Diffuser

\square		_									7
										_	
								-			
	ļĻ				_		_	-	_		
	$\left \right $	-	_	-	-						
	Ľ										
	F	_	_	_							
						_	_	_			
/											

ing (Duct Size + 1/8")

_ Duct Size (-1/4") _

Pattern Throw Configurations

2 - Way Corne

4 - Way

ORDERING HINTS	DESCRIPTION	EXAMPLE
1. Select frame design style:	Flat Frame Design Beveled Frame Design	A520F A520B
2. Select size(s) needed:	From 6"x6" to 24"x24"	A520F - 10x10
3. Select Optional OBD:	O = Opposed Blade Damper	A520FO 10x10



TRUaire

Models A520F & A520B

Model A520F - Flat Frame Design (Shown with detached core)



Remove cores to access screw holes along interior frame

Reverse Side

Optional Opposed Blade Damper With quiet, high-quality nylon bushings

> Model A520B **Beveled Frame Design** (Shown with detached core)

TRUaire **Directional Surface Mount Ceiling Diffuser**

Directional Surface Mount Ceiling Diffuser

A540 Series

The Directional Diffusers made for surface mount installations represent an attractive alternative to other ceiling diffuser options. These diffusers are manufactured exclusively in topquality aluminum material, with removable cores and feature a sleek low profile blade design that comes in a Flat-frame or Beveled-frame style.

This is a versatile, attractive series for office installations with drywall/sheetrock ceilings instead of a T-Bar design. Each is available with optional aluminum Opposed Blade Dampers and feature several airflow patterns.



) here		-
		-
-	_	

Compare to:	A540
Hart & Cooley	SRE/SRS
Titus	TDC
Shoemaker	DVD
Metal Aire	5500
Price	SMD
Krueger	SH

Features

3

toll free: (888) TRUAIRE • www.truaire.com

- All aluminum construction
- Sleek low-profile blade design
- Flat or Beveled-frame design
- Removable core
- Square neck sizes form 6 x 6 to 24 x 24
- White powder-coat finish

NOTE: Models A541, A542, A543 & A545 only available in sizes up to 18"x 18"



Beveled Frame Design Flat Frame Design

Model A540F - Flat Frame

Modular Core Surface Mount Diffuser



Model A540B - Beveled Frame

• Modular Core Surface Mount Diffuser



Ceiling Opening (Duct Size +1") – Duct Size (-1/4") –



ORDERING HINTS	DESCRIPTION	EXAMPLE
Select the Base Model:	Model A540	A540
Select Frame Style:	B = Beveled Frame Design F = Flat Frame Design	A540 B A540 F
Determine Air-flow Direction:	1-Way, 2-Way, 3-Way, 4-Way or 5 for Corner	A54 4B
Determine Square Neck Size:	6", 9", 12",15" or 18" — 21" & 24" sizes for Model A544 only	A544B 9 x 9
Select Optional OBD:	0 = Opposed Blade Damper	A54 <mark>4BO</mark> 9 x 9

A540 Series

Model A544F - Flat Frame (Shown with core attached)



Model A544F shown

Reverse Side

Optional Opposed Blade Damper With quiet, high-quality nylon bushings



Model A544B **Beveled Frame** (Shown with core removed)

Remove cores to access screw holes along interior frame

Model A544B shown

TRUaire **Evaporative Cooler/Make-up Air Diffusers**

Evaporative Cooler/Make-up Air Diffusers

Model 600 and Model 700

There are two types of installations that require large volumes of air to be introduced to an enclosed space. The first is unique to hot dry climates, and is typically called the evaporative or swamp cooler. The second type is seen when air needs to be introduced into environments where high-capacity exhaust fans are removing large volumes of air.

Model 600M

Ceiling Mount Diffuser

*Available in either white or stainless steel finish

Truaire's 600 Series Diffuser mounts in the ceiling, and extends down into the conditioned space about 6 inches. From there the air can be diffused on all four sides. The 700 Series is a flush mount design, and utilizes a wide blade configuration to diffuse high air volumes.

	Model 700M Flush Mount Diffuser
• •	
Shown Open	
Shown Closed	





Features

• High velocity designs

Adjustable blades

Rugged steel construction

Pristine white Powder-coat finish

		Iodel 600M Ceiling Mount	
I	6″		A

	 A		Ξ1/
			+ 1 [/]
-	— B —		

SIZE	A	В
10 X 10	13″	10.25″
12 X 12	15″	12.25″
14 X 14	17″	14.25″
16 X 16	19″	16.25″
18 X 18	21″	18.25″
20 X 20	23″	20.25″
22 X 22	25″	22.25″
22 X 22T	23.75″	21.00″
24 X 24	27″	24.25″
26 X 26	29″	26.25″
30 X 30	33″	30.25″
32 X 32	35″	32.25″

* PLEASE CONTACT US FOR ALL SIZES NOT LISTED

Model 700M • Flush Mount



Model

Product Detail



Model 600 Open



Large adjustable fins SmoothGlide Technology







0.250"

toll free: (888) TRUAIRE • www.truaire.com

TRUaire

Model 600M

Ceiling Mount Diffuser

Rugged steel construction

Lever Puli

600M	Model 700M
MOUNT	FLUSH MOUNT
10 x 10	6 x 6
12 x 12	8 x 8
14 x 14	10 x 10
16 x 16	12 x 12
18 x 18	14 x 14
20 x 20	16 x 16
22 x 22	18 x 18
22 x 22T	20 x 20
24 x 24	22 x 22
26 x 26	24 x 24
28 x 28	
30 x 30	
32 x 32	

Perforated Face T-Bar Lay-in Diffusers

Perforated Face T-Bar Lay-in Diffusers

1000 SERIES

The 1000 Series T-Bar models are designed with budget in mind. These diffusers come with an attractive perforated steel face finished in white powder-coat. The supply model (MAS) includes an air deflector for enhanced air distribution.

These diffusers can be ordered with the universal R6 molded fiberglass back, with a heavy duty steel back and fixed collar or a combination of both the formed steel back, collar, and R6 insulation.

Model 1010MAS / MAR

With universal R6 fiberglass back



Model 1020MAS / MAR With steel back and fixed collar





A REAL PROPERTY AND ADDRESS.				
the second se				
and the second sec	Contraction Contraction 2			
A CONTRACTOR OF A CONTRACTOR A CONT		122 28228 4		
and the second se		555 68888 47		
the second se				
And the second se	Press Construction (1990)	155 15000 2		
and the second se	and a construction of the second s	LLLLLCCC0 J		
and the second se	1.1.1 2000/mm20000000000000000000000000000000	122 22280 1		
	Landon-2000/07/00000 12 2 3	CEE LEED D		
Contract of the second second		CULTERS 4		
A PARTY OF		CERTIFICATION CONTRACTOR CONTRACT		
a contract of the second se				
			And the second s	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
		a sea a de la compansión de la deserva de la compansión de la compansión de la compansión de la compansión de l		
the Contraction of the				
A CONTRACTOR OF A		and the second second second	33333 37377 5	
the second se			11151 11119 3	
 Contractions 			59955 39557 8	
the second se			39985 P8599 8	
THE REPORT OF A DESIGN AND A DE	Contraction of the local division of the loc		X000C 00000 B	
			XCERC CELLS B	
and the second se			366864666666	
the second se		and the second se	225555 K6886 B	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CONTRACTOR AND A CONTRACTOR OF A CONTRACT OF A CONTRACTACT	and the second sec	14111 44445	
Contraction of the second s	and the second second second	and a second second second	111111 11111	
the second se	And	A second s	TILLE CLEEC B	
1			TERIC STREET	
	and a second sec		·····	
10 C				



Compare to:	1010
Hart & Cooley	RENP/RENPS
Titus	3. N
Shoemaker	110/111
Metal Aire	7300
Price	
Krueger	

Features

- Steel perforated face
- White powder coat finish
- Seismic support tabs
- Air deflector on supply models
- Optional configurations include:
- Insulated
- Uninsulated
- Universal cut-in collar or fixed steel collar
- New accessory collar and fastener configuration

Product Detail

Steel Perforated Face Seismic Support Tabs

1010 MAS - Supply 1010 MAR - Return • Universal molded R6 fiberglass back Fiberglass R6 molded insulation 31⁄4 -0000-732"_00000 716" 00000 1⁄8″ 3/16" Diameter holes **1020 MAS - Supply** 1020 MAR - Return • Uninsulated: Steel backing with fixed collar Neck Size 31/4" -0000-732"-00000 716" 0000 00000 1/8" 3/16" Diameter holes

1020 MAS-INS - Supply (Insulated) 1020 MAR-INS - Return (Insulated)

• Insulated: R6 backing with fixed collar



NOTE: Both Butterfly and Radial dampers shown (Models 801 and 804) can be used with the Perforated Face T-bar Lay-in Diffusers.

Model 804

ORDERING HINTS	DESCRIPTION	Supply	Return
OPTION 1:	Universal Back - No Collar	1010MAS	1010MAR
OPTION 2:	Steel back with fixed collar + Collar Size (Uninsulated)	1020MAS- <mark>8</mark>	1020MAR- <mark>8</mark>
OPTION 3: (See images shown above)	Steel back with fixed collar + Collar Size (Insulated)	1020MAS-8 INS	1020MAR-8 INS

toll free: (888) TRUAIRE • www.truaire.com



TRUaire

1010 MAS/MAR Options

Model 820 Extended Collar with Ring

> Collars range from: 6",7",8",9",10",12",14",16"&18" (Sold separately as accessories)

Universal Back without Collar (Molded R6 fiberglass only, with scored lines)

Model 821 Push Fasteners

1020 MAS/MAR Options

Steel Back – with Collar (Uninsulated with fixed collar)





NEAXEND

69

T-Bar Grille with Plenum Frame

T-Bar Grille with Plenum Frame



www.truaire.com • toll free: (888) TRUAIRE

TRUaire

1100 Series Options

Open Back - Without Plenum

1¹/₂" Ductboard Back

Model 1120S Shown with Supply Deflectors

	EXAMPLE
l 1130 - Model 1140	1120 —
ed face, open back rated, 1 ½″ ductboard :k ductboard	1120S 1120DBS 1120R 1120DBR
	1120DBR-1 1120DBR-2 1120DBR-4

Model 1120 is the only model available with the Supply deflector.

T-Bar Perforated Curved Blade

T-Bar Perforated Curved Blade

Latches (x2)

Seismic support tab

atches (x2)

Latches

2″

Seismic support tab

23 3/4"-



www.truaire.com • toll free: (888) TRUAIRE

DESCRIPTION

Select Supply or Return

Select Round neck size:

... Or Select Square 14"

TRUaire

Inside

1400FL Fine Line / Narrow-1444RG-FL



1400 Series Options

Accessory Insulation - Model 1056FB (NOTE: Must be ordered as a separate item)

> SQUARE: neck size: 14" x14"

Outside

> ROUND: 6", 8", 10", 12", 14", 16", 18", & 20" **Available Neck Sizes**

1.0.0 - 2 111111 Model 1400CB Curved Blade Supply Diffuser

Model 1444RG

Perforated Return Grille

Model 1420AB Shown Open with Rotating Deflector Fins



Model 1480RD

T-Bar Perforated Supply Diffuser (Only available up to 18")

	Supply	Supply	Return	Supply
n Models	1400CB	1420AB	1444RG	1480RD
(6, 8, 10, 12, 14, 16, 18, or 20)	1400CB-8	1420AB- <mark>8</mark>	1444RG- <mark>8</mark>	1480RD- <mark>8</mark>
' neck	1410CB -14	1425AB -14	1455RG -14	
ed Backing	+ Model 1056FB			

T-Bar Step Down Diffusers

T-Bar Step Down Diffusers

2″

NEW

Super Collar

2000 SERIES

Step Down Diffusers go by many names; Lay-ins, Cone Diffusers, or even T-Bar Diffusers. The term "T-Bar" comes from the shape of the railing that holds the ceiling tiles in a drop ceiling. The railing forms a grid of squares and T-Bar Diffusers are designed to fit, or "lay-in", those grid squares.

The "cone" shape of the diffuser allows for a maximum volume of airflow into the air-conditioned space.



4 3/4"



73

TRUaire

2000 Series Options

Model 820 Extended Collar with Ring

Collars range from: 6",7",8",9",10", 12",14",16"&18" (Sold separately)

Universal Back without Collar (Molded R6 fiberglass only, with scored lines)

Model 821 Push Fasteners

Steel Back with Collar (uninsulated, fixed Super-Collar)



Insulated Steel Back – with Collar (Steel back, R6 insulation, fixed Super-Collar)

	EXAMPLE ORDER
odel 2003CD OR Model 2004CD	2004CD
4" diameter	2004CD-8 (for 8")
eel back with collar only - No collar - No damper	2004CD-8 IN 2004CD-8 R6
ver vith insulation & damper; Designate BOTH	2004CD-8 BD 2004CD-8 RD 2004CD-8 INBD

T-Bar Stamped Curved Blade Diffusers

T-Bar Stamped Curved Blade Diffusers

3 1/2"

0

Sizes:

6 x 6

8 x 8 10 x 10

12 x 12

14 x 14

16 x 16

18 x 18

Model 2604SC

2600 SERIES • Stamped Curved Blade Diffuser **Steel Construction** The 2600 Series diffusers are the perfect blend of style, function, and economy. As with everything TruAire makes, economy doesn't No Damper Collar Size — 6"- 18" mean sacrificing quality. Manufactured with the highest standards, using heavy gauge steel and finished with our pristine white powder-coat, these stamped four-way diffusers utilize a large Seismic Support Hole 23 3/4' curved blade design providing a wide area of effective air diffusion. The outwardly curved blade pattern is an architecturally attractive design proving that form can also follow function. **Compare to:** 2604SC \mathcal{O} **Opposed Blade Damper** Hart & Cooley ---Collar S Shoemaker 104 dbdbdbdt USAire ---1000000 Continental ---Lima Airmate Model 2604SC Insulated Back Curved Blade Diffuser - Steel Construction **R6** Universal Insulat **Features** 14 4 4 4 4 4 Seismic Support Holes Economical 23 3/4" Highly effective air distribution Attractive face pattern Optional damper and insulation White powder-coat finish Durable steel stamped curved blade construction 23 3/4 **Product Detail** ORDERING HINTS Step 1: Select the Base Model Step 2: Select the Size **Optional Opposed** Detail view of stamped Blade Damper curved blades Step 3: Select any Options Step 4: Select Damper Option toll free: (888) TRUAIRE • www.truaire.com

www.truaire.com • toll free: (888) TRUAIRE

BD = Butterfly Damper

DESCRIPTION

Model 2604SC



RD = Radial Damper

NOTE: ONLY available with round collar models.

T-Bar Return Air Filter Grilles

Compare to: 4020

4030

4050

T-Bar Return Air Filter Grilles

4000 SERIES

The 4000 Series T-Bar Filter Grille line-up is a comprehensive combination of design, function, and budget. From the economy of stamped steel to the shine of aluminum egg-crate, and every design in between, we pour the same commitment to quality into every product.

Whether you're building your own plenum box or utilizing our pre-made plenum backs, we've got the right design and the right installation options to fit every project.

Model 4010FG	Hart & Cooley 96AFBT PFT/PFTI REF5T Titus 50FF-3	Aluminum Egg-Crate Return Air Filter Grille
And a second	Shoemaker 105/106 600TFG	
Stamped Face Return - 1/2" Fins		⊢ 23 3/4″
Model 4013FG		
Stamped Face Return - 1/3" Fins	Price 80FF-TB	
	Krueger EGC5	
		23 3/4" 20 1/4"
	Features	
	Solid craftmanship; steel or aluminum	
	White powder-coat finish	
	SmoothGlide Latch Technology	
	Full set of plenum-back options	
Model 4020FG	• Full set of face design and	2 1/8" 4" 4" 3 3/4"
	material options	
Fixed Bar Return Air Filter Grille	 For use with 1"or 2" filters 	
	NOTE:	
	The Universal Molded R6 back is	
Model 4030FG	available only on the low profile	
Perforated Face	4010FG1 frame, and will accept	
Return Air Filter Grille	only a 1" filter	
		1 1/2" Ductboard R6 fiberglass mold
	Product Detail	FG1 FG2 FG2-DB FG2-MLD
	Product Detail	
	EEEEE	
	EEEEE	ORDERING HINTS
- Model 4040FG (Acrylic)		
		MODEL DESCRIPTION:
	Premium Egg Crate SmoothGlide Latch	1 1/2" Fin Spacing Stamped Face
Egg-Crate Return Air Filter Grille		2 Fixed Bar Face
Egg-Crate Return Air Filter Grille		Perforated Face Acrylic Egg Crate Face
		5 Aluminum Egg Crate Face
		6 1/3" Fin Spacing Stamped Face

• Perforated Face Return Air Filter Grille

Model 4040FG

Model 4010FG

- Acrylic Egg-Crate Return Air Filter Grille Model 4050FG
- Grille





www.truaire.com • toll free: (888) TRUAIRE

4000 Series Options

Open Back - Without Plenum

1¹/₂" Ductboard Back

Universal R6 Molded Fiberglass Back

(*NOTE: The molded R6 back is available on Model 4011FG-2)









FILTER GRILLE

F	11	TER REQUIREMENTS:
C)	1" to 4" Filter
1		1" Filter Only

Hinged Face

LEANING SLEPSICE



Acrylic

NECK SIZE:
20" x 08"
20" x 20"
20" x 44"





Aluminum

T-Bar Modular Core Diffusers

T-Bar Modular Core Diffusers

5200 SERIES

The 5200 Series Diffuser stands alone as the most versatile of all T-Bar Supply Diffusers. Four individually mounted aluminum snap-in cores can be arranged in one, two, three, or four-way throw configurations. The Model 5200 can also be arranged in a two-way corner throw for added versatility.

These four core sections are positioned together forming a square in the interior of either a top quality aluminum T-Bar panel, or less expensive steel T-Bar panel; both are 100% powder-coated to prevent rust and corrosion. Available with either steel or aluminum panels and in square or round duct connections or with the optional Opposed Blade Damper.

Model 5200CB

Aluminum Core - Steel Panel

-	21111	
1	31111	
THE	00000	1
	-	3

Model A5200CB Aluminum Core - Aluminum Panel

h			
hown with			
ore compone	nt		
emoved	Sand		
		→	



Compare to:	5200	A5200
Hart & Cooley	MCDST	MCDST
Titus	MCD-3	MCD-3
Shoemaker	700MA	700MA
Metal Aire	9000	9000
Price	AMCD	AMCD
Krueger	1200	1200

Features

mmercia

- Beautifully crafted removable aluminum cores
- One, two, three, four-way
- and corner throw patterns Steel or aluminum T-Bar panel
- White powder-coat finish
- Traditional square neck
- Convenient round collar
- Perfect for VAV applications

Product Detail



Detachable Cores



Insulation thumb-tab and recessed hanger wire hole

Model 5200CB

- Aluminum Core Steel Panel
- Model A5200CB
- Aluminum Core Aluminum Panel





ORDERING HINTS	DESCRIPTION	Example Model
Select base model and panel:	5200CB - Steel Panel A5200CB - Aluminum Panel	5200CB A5200CB
Select round or square neck:	RD = Round Collar SQ = Square Neck	5200CB-RD 5200CB-SQ
Select Neck Size:	6", 8",10",12",14",16",18"or 20"	5200CB-RD-8 5200CB-SQ-8
Optional Damper:	O = Opposed Blade Damper	5200CB0-RD-8
Optional R6 fiberglass back:	IN = Include molded Fiberglass Backing	5200CB-RD-8-IN

79

www.truaire.com • toll free: (888) TRUAIRE

TRUaire

5200 Series Options

Round Collar (RD)

Traditional Square Neck (SQ)

Opposed Blade Damper with Round Collar

Opposed Blade Damper with Traditional Square Neck

T-Bar Directional Diffusers

T-Bar Directional Diffusers

5400 SERIES

This attractive T-Bar design comes in a sleek low-profile blade arrangement, engineered to be "flush" with the ceiling. This diffuser might be considered the architects first choice for small to medium-sized commercial projects.

The all aluminum blade construction, in one, two, three, four-way, and even two-way corner throw configurations, can be ordered in a matching aluminum T-Bar panel, or a rugged steel T-Bar panel. The back of this diffuser comes in 6, 9, 12, 15, and 18-inch square neck configurations or with a Universal Fiberglass Back. Optional high-quality Opposed Blade Dampers and optional insulation rounds out the offering.

Model 5404SD Steel Model A5404SD Aluminum 4-Way Deflection (Shown with blades removed)



Compare to:	5400	A5400
Hart & Cooley	SRT/ART	SRT/ART
Titus	TDC	TDC
Shoemaker	700	700
Metal Aire	5500	5500
Price	SMD	SMD
Krueger	SH23	SH23

Features

DIMIMERCIA

Easy-to-change modular

Choose from air-throw

patterns below. NOTE: Model 5404SD

is most common.

blades are interchangeable.

Model 5405SD

- Sleek blade design
- One, two, three, four-way
- and corner air throw.
- Aluminum construction
- Steel or aluminum T-Bar panel

Model 5401SD 1-Way Deflection

Model 5402SD Model 5403SD 2-Way Deflection





Choose your air-throw pattern



Insulation thumb-tab Low-Profile Blade Design and recessed hanger wire hole



-Way Air Deflection 5405SD	Easy-to-change Directional Throw Panels
-Way Corner Air Deflec	tion

Spring loaded,

Model A5401SD

Model 5401SD

Model 5402SD

• Steel 1-Way Air Deflection

• Steel 2-Way Air Deflection

- Aluminum 1-Way Air Deflection Model A5402SD
- Aluminum 2-Way Air Deflection Model A5403SD
- Aluminum 3-Way Air Deflection Model A5404SD
- Aluminum 4-Way Air Deflection Model A5405SD
- Aluminum 2-Way Corner Air Deflection





ORDERING HINTS	DESCRIPTION	Example Model
Start with the base model:	Model 5400SD - <mark>Steel</mark> T-Bar Panel Model A5400SD - <mark>Aluminum</mark> T-Bar Panel	5400SD A5400SD
Determine air-flow direction:	1-Way, 2-Way, 3-Way, 4-Way or 5 for Corner	5404SD
Select Round or Square Neck:	RD = Round Sizes 6", 9", 12", 15", or 18" SQ = Square Sizes 6", 9", 12", 15", or 18"	5404SD- RD-12 5404SD- SQ-12
For optional insulation:	IN = Include molded Fiberglass Backing	5404SD-12IN
For optional OBD:	O = Opposed Blade Damper	5404SD0-12IN
Accessory Part:	PAN = Directional Diffuser Panel Only	5400SD-06PAN A5400SD-06PAN (Aluminum)

www.truaire.com • toll free: (888) TRUAIRE

TRUaire

5400 Series Options

Traditional Square Neck (SQ)



T-Bar Return Air Panels

T-Bar Return Air Panels



www.truaire.com • toll free: (888) TRUAIRE

TRUaire

T-Bar Return Air Panel Options

Model 820 Extended Collar with Ring

Collars range from: 6",7",8",9",10", 12",14",16"&18" (Sold separately)



Model 821 Push Fasteners

NG HINTS				
		SIZE		
1	Steel	24 x 24	1110RG	
ır	Steel	24 x 12	1210RG	
ır	Steel	24 x 24	1210RG	
ır	Aluminum	24 x 12	A1210RG	
Ir	Aluminum	24 x 24	A1210RG	
ır	Aluminum w/R6 molded back	24 x 24	A1210RG-MLD	
ed	Steel	12 x 24	1920RG-1	
ed	Steel	24 x 24	1920RG-2	
ed	Steel	24 x 48	1920RG-4	
e	Acrylic	12 x 24	1930RG-1	
e	Acrylic	24 x 24	1930RG-2	
e	Acrylic	24 x 48	1930RG-4	
e	Aluminum	12 x 24	1940RG-1	
e	Aluminum	24 x 24	1940RG-2	
e	Aluminum	24 x 48	1940RG-4	
•	Aluminum	24 x 24	5000XF	
•	Aluminum	24 x 48	5000XF	
	The Taylor Party State and the Taylor	a first state of the second state of the secon	the second se	

Model 5000XF- EX Frame **Aluminum Surface Mount Frame**

For use with any one of the T-Bar products where the ceiling is not a T-Bar ceiling. The adaptor frame allows you to insert whatever panel is desired.

> Available neck sizes: 12x12 24x12 24x24 24x48 (Face Size: Neck size + 2")

Air Handler Access Panels

Air Handler Access Panels



TRUaire

ACD24 Series Options

Model ACD2440L (Louvered) Louvered center panel is used for applications designed for direct return air.



Shown in closed position

Model ACD2440S (Solid)

The solid center panel is used for ducted return air applications.

		4	vailable Sizes:
			24 x 40 24 x 46
			24 x 52
			24 x 60

	Model Example
	ACD24
52″, 52″, or 60″	ACD2440
	ACD2440L
	ACD2440S

Round Commercial Diffusers

Round Commercial Diffusers

880 Series

Model 880

Diffuser - Steel

Round Commercial

The 880 Series Round Commercial Diffusers are step-down ringed diffusers which are used to cover duct openings. Our product is constructed to ensure maximum airflow and the simple design will ensure that this duct diffuser streams air directly into your room Made of high quality steel with a white powder coat finish each of our step down diffuser rings deflect the air stream 360 degrees.







Model 881 Round Opposed Blade Damper

Model 883 Round Surface Mount Ring





ommercia

FRONT SIDE

Product Detail

Features





Durable Louvered Design

TRUaire

		Size	s & Car	ton Qu	antity	Chart	10
			A	В	C	D	E
Series Op	DTIONS	SIZE					
		6″	1 1/2″	3/4″	2 1/4″	5 7/8″	11″
		8″	11/2″	3/4″	2 1/4″	7 7/8″	14 3/4
s range from:		10″	2″	3/4″	2 3/4″	9 7/8″	18 1/
",12",		12″	2 1/8″	3/4″	2 7/8″	11 7/8″	21 3/4
18″		14″	2 7/8″	3/4″	3 5/8″	13 7/8″	25″
		16″	3 5/8″	3/4″	4 1/2″	15 7/8″	28 3/4
vs Duct —		18″	3 5/8″	3/4″	4 5/8″	17 7/8″	32″
etrock		1.1				~	
vith duct ening.							
	D			-	1		
Sheetrock						₿	
			<u> </u>	<u> </u>			
	/	\vdash		<u> </u>		A	
						1	
	E			1.1.1			
<u> </u>	Model	880					
	Round Co						
	Diffuser - S	Steel	/				
		1					
		-	-				
		-	-)	1)	
100			Contra la	Par		1	
	1					1	
			1.1.1.1.1	4	-		
				-			
						1	
	1/				-		
					PRO	DFILE VIEW	
			0.00				6
			22	1			
		-10	in the second			a rate	
			121	1 /			
			111	V	2		
			- 1	-	-	Stor!	

Model 883 Round Surface Mount Ring

Round Opposed Blade Damper



Spiral Duct Diffusers

Spiral Duct Diffusers

Spiral Duct Series

Spiral Duct Diffusers were born of the rustic exposed ceiling era in architectural design. Wherever air needs to leave ductwork and enter the conditioned space a hole is cut in the duct. A register is then attached for directional air control and aesthetics.

There are two ways to attach a virtually flat register to a round piece of pipe and Truaire proudly features both styles. The Universal models utilize thick foam material to form to the round duct; while the saddle models more closely form to the pipe's round shape.

Model SU1A Single Deflection

Aluminum Finish

Profile View shown - with foam perimeter

Model SU2W Double Deflection White Finish

Model SD2A

Saddle Type Double Deflection Aluminum Finish

Model SD2W

Saddle Type Double Deflection White Finish

		1	
	1	-	
	The second		FE
- assessed			
-	AND -		116

SU
USV
US
SDG
DMG

Features

- Solid steel construction
- Adjustable vertical & horizontal blades
- Pristine white or aluminum finish
- Adjustable Scoop options Damper options
- Finish options

Profile View showing rounded saddle style

Product Detail



Reverse side of Universal Model showing thick foam

Model SU1 Single Deflection 	Model SU1	& Model SU2		STEEL Construction
Model SU2 • Double Deflection	^{7,7/8"} ¹ ¹ ¹ ¹ ^(-0.5) Listed Size (+1.25)			
Listed Size (+3 1/8") Listed Size (-1/4") Listed	1. Deflection: SU1 = Single SU2 = Double	The universal Model is available in Single De Deflection blade config		Thick Foam on Reverse Side
	2. Scoop:	An optional air scoop i portion of the airstrea		
	3. Finish: A = Aluminum W = White	The SU model now col aluminum finish to ma		
Detail V	iew 4. OBD:	OBD Not available on :	5U Model	
	Ontion	& Model SD2	Options	
Single Deflection Model SD2 • Double Deflection Listed Size (+2") Listed Size (+3.5")			A	Powder-Coated
Listed Size (+4.5")	Aluminum Finish 1. Deflection: SD1 = Single	The Saddle Type Diffus is available in either Si		White Finish
	SD2 = Double	Deflection blade config		
	2. Scoop:	An optional air scoop of the airstream out th		a portion
Detail of Opposed Blade Dampe	3. Finish: <i>A</i> = Aluminum <i>W</i> = White 4. OBD:	The SD models come s powder-coat finish. Al. finish to match spiral c Available with Oppose	so available in an alu luctwork.	minum
ORDERING HINTS	DESCRIPTION		Example Mod	
Universal Mount Diffuser				
Start with Base Model: Select Finish: ADD optional Scoop:	SU1 = Single Deflection SU2 = 1 A = Aluminum or W = White Fin S = Scoop		SU1 or SU2 SU1-W SU1-S-W	
Saddle Mounted Diffuser	NOTE: Spiral duct MUST be at least 4 in		lle.	
Start with Base Model: Select Finish: ADD Options:	SD1 = Single DeflectionSD2 = Double DeflectionSD2A = Aluminum or W = White FinishSD2-WO = Opposed Blade DamperSD2-O-WS = ScoopSD2-S-W			

TRUaire

Model SU1 & Model SU2 Options

Linear Slot Diffusers

Linear Slot Diffusers

LD Series Linear Slot Diffusers

Sleek and unobtrusive; linear diffusers are the architects dream come true. Long narrow slots take the place of traditional "fins". The installation is flush with the wall or ceiling, and the diffuser all but disappears within the natural lines of the structure.

Linear Slot Diffusers come in an almost endless variety of sizes, styles, lengths, widths and configurations. However, by far the most common, most used model is the simplest; standard $\frac{3}{4}$ " 2-slot diffuser in 2', 4', and 6' lengths. In stock, and on the shelf.



Model LD48
 48" Linear Diffuser

- Model LD36 36" Linear Diffuser

Custom Sizing Now Available Need a customized size?

NEW

Need a customized size? No problem...just add our linear extension coupler. Model LD24 24" Linear Diffuser

toll h



Compare to:	LD Series
Hart & Cooley	S75-1-2
Titus	ML
Price	SDS
Shoemaker	LSD
Metalaire	6600

Features

- Capped on both ends
- 1/2", 3/4", or 1" two-slot models
- Durable white powder-coat finish
- Installation brackets with screws
- Standard 2', 3', 4', 6' lengths
- Custom cut lengths available
- Extension coupler available
- LDR Linear Return (baffles removed)

Select from one of three slot sizes:



Product Detail

(088) TRUAIRE ■ www.truaire.com



Reverse side of Linear Choose from 3 slot sizes Diffuser showing slots for maximum airflow

LD Series Linear Slot Diffusers

Featuring TRUaire's simple yet effective 2-slot linear diffuser series, engineered in three standard lengths based on the most popular configurations. Our ever expanding product line now includes additional lengths and the even greater capability to accept customized sizing for linear products.



TRU aire

High Quality Aluminum Componer

NEW

Model LD24 Two-Slot Linear Diffuser Reverse Side Shown with Adjustable Damper

Greater Design Flexibility

TRUaire's linear slot diffusers offer high performance with a 180° range of air pattern adjustment and complete flow rate control. Each model features a solid extruded aluminum border and frame construction which is sure to compliment any modern architectural design giving you true flexibility in application.

IPTION	Example Model
ly LDR = Return	LD or LDR
• 48" • 72"	LD48
	LD48-2

www.truaire.com • toll free: (888) TRUAIRE

TRUAICE Residential Model Comparison by Manufacturer

Residential Model Comparison by Manufacturer

STEEL	DAGE //				CONTINUENTAL	AIDMATE		
TRUAIRE	PAGE #	HART &	SHOEMAKER	LIMA	CONTINENTAL	AIRMATE	US AIRE	AIRGUIDE
101MD	1	681	X	601	21	180	1101M	X
101M-R	1	681	X	601	21	180-R	1101MR	X
101M-L	1	681	X	601	21	180-L	1101ML	X
120M	1	682	850	602/SW2W	22	160	102M	X
103M	1	683	845	603/SW3W	23	140	103M	X
104M	1	684	150	604/SW4W	24	190	104M	X
15SW	33	470	875	470	150	350	1330	X
115RW	33	471	875	471	1505	351	1341	X
118SW	33	470	875	470	180	350	1340	X
118RW	33	407	875	471	1805	351	1340	X
121SW	33	462	X	72 24	240	350	X	X
122RW	33	674	X	60GH7	BG21	171	1300	X
123M	33	657	133	671	BG31	X	X	X
124M	33	664	855	667	B32	164	X	X
132M	1	661	833	632	32	163	1132M	X
133M	1	631	X	633	33	143	1133M	X
134M	1	621	X	X	34	193	X	X
150M	31	421	350	800	28	302	1510D	X
I 53M	31	x420	X	X	X	X	X	X
1 50TS	37	265	TS	875	TG32	301	1320	X
154R	37	672	1600	825	F25	325	1530	X
170	23	650	1050	60GH7	G25	170	1400	X
173	23	673	1033	63GH	G35	173	X	X
190	25	673	FG	60GHFF	FG2	170FF	1410F	X
I 90RF	25	659	FG	60GHFF	FG2	170FF	1410F	X
193	25	821	X	X	FG3	173FF	X	X
210VM	3	X	950VM	900V	X	220V	100SVM	VMLME-WH
210VO	3	X	X	X	X	X	X	VOBME-WH
210HO	3	X	X	X	X	X	X	HOBME-WH
210VM-50	3	X	X	900-50	X	X	X	X
230VM	3	X	X	X	X	X	X	X
220VO	5	92VHO	RSDBV	990V	RGV-O	240-V	X	VHOBME-WH
270	27	94A	X	S90H	FBG40	280	SRH	RAME-WH
290	27	96AFB	920FG	S90HFF	FBFG	280FF	SRHF	X
301M	7	CHM1	CB10M	291ML	SACBI	401HM	X	CBML1ME-WH
302VM	7	X	X	X	X	X	X	X
302M	7	CHM2	CB20M	292ML	SHCB2	402M	X	CBML2ME-WH
303M	7	CM3	CB30M	293ML	SACB3	403HM	X	CBML3ME-WH
304M	7	CM4	CB40M	294ML	SACB3	404M	X	CBML4ME-WH
101M	9	301	201H	501/CB1W	СІН	601M	1201M	X
401M 402M	9	301	201H 202H	502/CB2W	СІН	602M	1201M	X

STEEL								
TRUAIRE	PAGE #	HART &	SHOEMAKER	LIMA	CONTINENTAL	AIRMATE	US AIRE	AIRGUIDE
402HM	9	302	202H	502	C2H	602-HM	1202M	X
402VM	9	X	X	X	X	X	X	X
403 M	9	303	203	503/CB3W	C3	603M	1203M	X
404M	9	304	204	504/CB4W	C4	604M	1204M	X
540M	11	X	X	X	X	X	X	X
560M	11	ECSD/D	X	1103/2	X	1020/30	X	X
600	11	ECBX	400	1150	X	1100	X	X
690	43	X	X	X	X	X	X	X
700	11	ECHVD	450	1170	X	1200	X	X
800	13	16	90	150	16	800	900	X
801	13	12	91	155	12B	800-D	900-D	X
802	13	3800	X	X	X	X	X	X
803	13	11	92	156	11	800-R	X	X
804	13	RD	X	X	X	X	X	X
820	46	5400	X	X	X	X	X	X
821	46	5400PP	X	X	X	X	X	X
ALUMINUM TRUAIRE	PAGE #	HART &	SHOEMAKER	LIMA	CONTINENTAL	AIRMATE	US AIRE	AIRGUID
TRUAIRE	PAGE #	HART &	SHOEMAKER	LIMA	CONTINENTAL	AIRMATE	US AIRE	AIRGUID
A210VM	15	A618MS	X	AL278ML	X	A420-VM	VM	V,VML
A210VO	15	A618OB	X	X	X	AT420-VO	VD	V-OB
A270	29	RH45	X	X	X	E280	RH	RA, RAME
A290	29	RH45	X	X	X	E289FF	RHF	RAFB
A301M	19	A611MS	CB10-HM	A271ML	AACB1	A451-HM	LM/LMH	CB1, CBM
A3010	19	A611OB	X	X	X	AT451-HO	LD	CBOB1ME-
A302-M	19	A612MS	CB20-HM	AL272ML	AACB2	A452-HM	LTM/LTMH	CB2, CBML
A302-0	19	A612OB	X	X	X	AT452-HO	LTD	CBOB2ME-/
A303-M	19	A613MS	CB30M	AL273ML	AACB3	A453-HM	LS3M	CB3, CBML
A303-0	19	A613OB	X	X	X	AT453-HO	LS3D	CBOB3ME-/
A304-M	19	A614MS	CB40M	AL274ML	AACB4	A454-HM	LS4M	CBM4, CBM
A304-0	19	A614OB	X	X	X	AT454-HO	LS4D	CBOB4ME-/
A501-M	21	A501MS	SDD-15-D	AL161ML	AE1	E1051-M	5400	X
A501-0	21	A5010B	SDD-15-0	AL161OBD	AE1	X	X	JSOB-WH-1
A502-M	21	A502MS	SDD-25-D	AL162ML	AE2	E1052-M	5400	X
A502-0	21	A502OB	SDD-25-0	AL162OBD	AE2	X	X	JSOB-WH-2
A503-M	21	A503MS	SDD-35-D	AL163ML	AE3	E1053-M	5400	X
A503-0	21	A503OB	SDD-35-0	AL163OBD	AE3	X	X	JSOB-WH-3
A504-M	21	A504MS	SDD-45-D	AL164ML	AE4	E1054-M	5400	X
A504-0	21	A504OB	SDD-45-0	AL164OBD	AE4	X	x	JSOB-WH-4
	21	A505MS	SDD-50-D	AL165ML	AE5	E1050-M	5400	X
A505-M								

www.truaire.com • toll free: (888) TRUAIRE

π TRU aire

TRUaire **Commercial Model Comparison by Manufacturer**

Commercial Model Comparison by Manufacturer

COMPARISON CHAR TRUAIRE MODEL	PAGE #	HART & COOLEY	TITUS	SHOEMAKER	METAL AIRE	PRICE	KRUEGER
210VM	49	821	301RS	951	V4002SM	Х	800V
4210VM	49 51	821 X	301KS 301FS	950	V4002SM V4002SM	X	5800
20V	53	л 92VHO	300RS	930	V40025M V4004S	5205	880V
220VO	53	92VHV	300RS-AG15	934-0	V40045	520DS	880VOBD
A220VO	55	VD	300FL	903	V40043D V4004	X	5880VOBD
270	57	94A	350RL	935	EPHR	530L	580000BD 580H
A270	57	RH45	350RL	905	RHE	60	558H
290	59	RHF45T	355RLF1	920FG-1	X	700FF	X
A290	59	RH45	350FLF	900FG	RHEF	60FH	S580H-5FF
A270 A520F	61	MCD	MCD-AA-1	MA	9000-1	AMCD-1	51240
A520P	61	MCD	MCD-AA-1 MCD-AA-6	MA	9000-1	AMCD-1 AMCD-6	51240
A520B A540F	63	SRE	TDC-1	DVD	5500-M-1	SMD-1	SH
A540F A540B	63	SRS	TDC-1 TDC-6	X	5500-M-1	SMD-1 SMD-6	X
1010MAS	67	REMPS	PSS	× 110	7500	SMD-0 X	X
1010MAS	67	RENP	PXP	111	7500R	X	^ 1196A
1010MAR	67	PDSD	PAR	781	X	X	ттуба Х
1400CB	71	CBPS	PCS	825	7600	PDC	650
1400CB	71	CBPS	PCS	823	SPRB	PDC	6590
2000PD	71	DPD	OMNI	HL	5750	SPD	PLQ
2000FD 2003CD	73	FPD	TMS	HVL	5700	SCD-3C	X
2003CD 2004CD	73	FPD3	TMS	HVD/FTD	5800	SCD-SC	A 1400
2600SC	75	X	X	104	X	X	1400 X
1010FG2	75	A 673T	X	104 105FG	A 1400F-TB	X	X
4010FG2-DB	77	673TPI	X	X	1400F-18 X	X	X
4010FG2-DB 4010FG2-MLD	77	659TI	X	X	X	X	X
4020FG2	77	96ABFBT	350RLF-3	A 900FG	X	530FFTB	X
1020FG-MLD	77	96ABFBTI	X	X	X	X	X
4030FG2	77	PFT	X	105PFG	RP-FB-TB	10FFTB	X
4030FG2-MLD	77	PFTI	X	105PFG	Х	Х	X
4030FG2-MLD 4040FG2	77 77	REFST	REF5T	X	X	X	X
4040FG2 4050FG2	77	REFST	50FF-3	A 600TFG	CC5FB-TB	A 80FF-TB	A EGC5
4050FG2-DB	77	REFSTI	X	X	Х	X	X
5200CB	79	MCDST	MDC-3	700-MA	A 9000-6	AMCD	× 1240-23
A5200CB	79	MCDST	MCD-AA	700-MA 700-MA	9000-8 X	X	51240-23
5400SD	81	SRT	TDC	700-MA 700	5000	SMD	SH23
15400SD	81	ART	TDC-AA	700 X	5500	Х	5HZ3 5SH
5000XF	84	SMF	PF	X	TBPF	X	Х
SUU	89	USV	US301FS	USR52	X	X	A DMGSU
501	89	USVH	US300FS	USR53	X	A SDG-AL	DMGSU
SD2 SD1	89	Х	X			SDG-AL X	X
5D2	89	X	X	SD52 SD34	X X	X	X

COMPARISON CHART									
TRUAIRE MODEL	PAGE #	HART & COOLEY	TITUS	SHOEMAKER	METAL AIRE	PRICE	KRUEGER		
LD24	91	S SERIES	ML	LDS-LP	6600	SDS	DFM		
LD36	91	S SERIES	ML	LDS-LP	6600	SDS	DFM		
LD48	91	S SERIES	ML	LDS-LP	6600	SDS	DFM		
LD72	91	S SERIES	ML	LDS-LP	6600	SDS	DFM		
880	87	20	TMR	RD	3100	RCD	RM1		
A960	83	X	X	X	X	X	X		
A970	83	RE5	X	600	X	X	X		
1960RG	83	X	X	X	X	X	X		
1970RG	83	RE5T	X	700/600	X	X	X		





