



AIRFLOW EXCELLENCE

BY TRADE

BY DESIGN



- grilles
- diffuser
- louvers
- dampers

Why AIRKITEK?

Airkitek is an air distribution family-owned manufacturer since 1976. With a total of 190 employees and a facility of 60,000 square feet, we have been at the forefront of the industry, always providing the best product and service, at the best price. With over 45 years of experience behind us, and a 30% market share in the Mexican market.

Our motto is to offer solutions with innovative products of excellent performance and aesthetic appearance, for air handling and distribution. We are an honest company, committed to the satisfaction of our customers. Making Airkitek a symbol of quality and trust.

We pursue to be a leading company, formed by a group of experts in air handling and distribution.

WHAT MAKES US DIFFERENT?

- Competitive Lead Times
- Product Assortment For Every Project
- One On One Technical Advisory
- The Best Value In The Hvac Industry
- Cross Reference For Every Product
- E-rep Product Selection Software



SHOPPING MALL | LOUVERS, GRILLES AND DIFFUSERS

TermoTransfer[®] System

Certified



wind load resistance
astm-e330
test

TermoTransfer System technology consists in a pressurized air transfer system used in NMM louvers for venting HVAC condensing units. Providing air exhaust optimization and tested under international standards. First benefits include, among others, reducing units energy consumption by up to 30%, leading to an extended equipment lifetime as well as in generating less heat in these areas inside buildings.

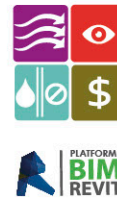
We comply with the highest international standards in both AMCA (Air Performance) and ASTM E330 (Structural Performance) Wind load resistance test.





HLAO-1"

FREE AREA: 66.7%
PRESSURE DROP:
0.04"-0.10" INWG.
SIGHT PROOF
wind load resistance
astm-e330
test
High windload and impact
resistance
sustained winds of 129.6 mph
Category 3



HLAO-1.25"

FREE AREA: 67.2%
EXHAUST OMEGA
0.04"-0.11" INWG.
PARTIAL VISION



HLAO-1.5"

FREE AREA: 68.3%
PRESSURE DROP:
0.04"-0.12" INWG.
PARTIAL VISION



HLAO-2"

FREE AREA: 69.6%
PRESSURE DROP:
0.04" INWG.
PARTIAL VISION



HLADS-1"

FREE AREA: 70.2%
PRESSURE DROP:
0.03"-0.09" INWG.
PARTIAL VISION
wind load resistance
astm-e330
test
High windload and impact
resistance
sustained winds of 96.08 mph
Category 1



HLADS-1.5"

FREE AREA: 72.5%
PRESSURE DROP:
0.03"-0.08" INWG.
PARTIAL VISION



HLADS-2"

FREE AREA: 75%
PRESSURE DROP
0.04" INWG.
PARTIAL VISION



HLDI

EXHAUST INVERTED
FREE AREA: 70%
PRESSURE DROP:
0.04" INWG.
PARTIAL VISION



AMCA | Certified by Air
Movement and Control Association

wind load resistance
astm-e330
test

This test method is a standard procedure for determining structural performance under uniform static air pressure difference. This typically is intended to represent the effects of a wind load on exterior building surface elements.



INDUSTRIAL LOUVERS

An effective ventilation process in an industrial building is not achieved just by simply placing grilles or windows, a proper engineering is required to correctly ventilate and restrict the passage of rain, birds, insects or dust.

Our industrial Louvers are built according to your needs considering the functionality of the application.





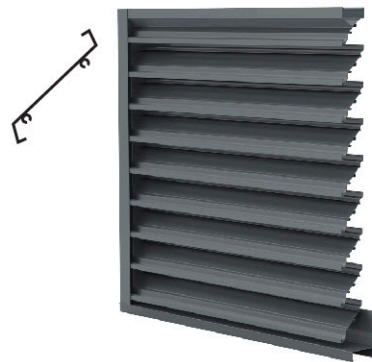
HL445D
ALUMINUM LOUVER 4" FRAME,
45° FIXED DRAINABLE BLADES

wind load resistance
astm-e330
test

High windload and impact
resistance
sustained winds of > 154.7 mph
Category 4



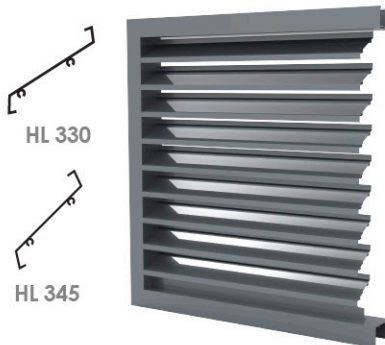
HLCG445D
ALUMINUM LOUVER 6"
FRAME, 36° FIXED
DRAINABLE BLADES,
AND BAROMETRIC
DAMPER



HL245
ALUMINUM STATIONARY
LOUVER 2" FRAME, 45°FIXED
NON - DRAINABLE BLADES,
2" SPACING



HL245D & DA
ALUMINUM LOUVER 2"
FRAME, 45°
HL245D: FIXED DRAINABLE
BLADES.
HL245DA: DRAINABLE
ADJUSTABLE
BLADES.



HL330
ALUMINUM STATIONARY
LOUVER 3" FRAME,
NON-DRAINABLE BLADES
HL330: 30° FIXED BLADES
HL345: 45° FIXED BLADES



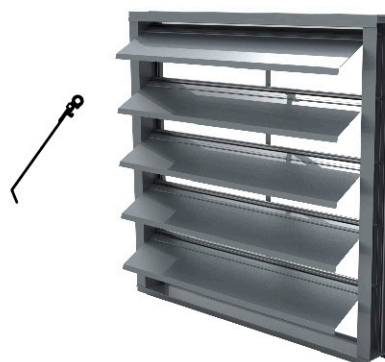
HL445DA
ALUMINUM LOUVER 4"
FRAME, 45° ADJUSTABLE
DRAINABLE ADJUSTABLE
BLADES



KL445D & DA
GALVANNEAL INDUSTRIAL
DRAINABLE LOUVER 45°
FIXED BLADES, 4" FRAME



NEW
HL636D
FAMILY
ALUMINUM STATIONARY
LOUVER 6" FRAME, 36.5°
DRAINABLE BLADES, AND
4" SPACING
HL636D: FIXED BLADES
HL636DA: ADJUSTABLE
BLADES
HLCG636D: FIXED BLADES,
AND BAROMETRIC DAMPER



CG
ALUMINUM BACKDRAFT DAMPER



wind load resistance
astm-e330
test

AMCA | Certified by Air
Movement and Control Association

This test method is a standard procedure for
determining structural performance under
uniform static air pressure difference.
This typically is intended to represent the
effects of a wind load on exterior building
surface elements

LINEAR BAR DIFFUSERS

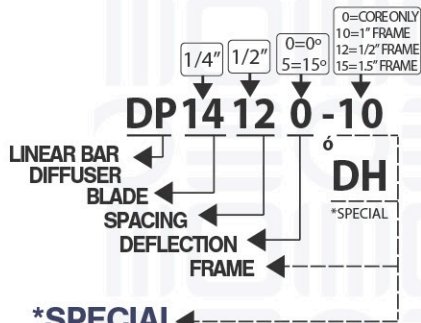
The aesthetic and functional needs of HVAC projects where air distribution accessories are required. Great flexibility to achieve different types of flow and hrow based on free area and deflection for each available model.

Its operating efficiency ensures reliable use with temperature differentials of up to 25° F in heating and 20° F in cooling with a predictable low air movement in the occupied area (35ft / min). They can be supplied with 0 ° or 15 ° of deflection and free areas ranging from 50% to 75%.



SELECTION GUIDE

NOMENCLATURE



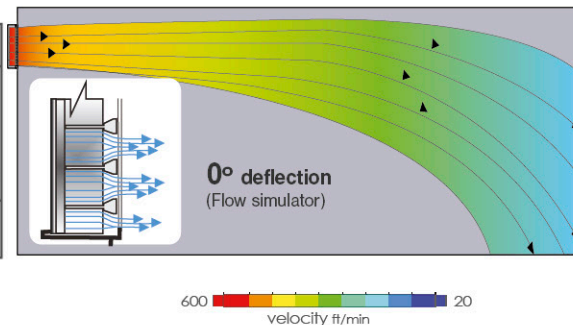
*SPECIAL

- ND: REMOVABLE CORE
- PDR: SPIRAL DUCT INSTALLATION
- FF: FILTER FRAME / SHEETROCK CEILING
- FFP: FILTER FRAME / FOR T BAR 24\"X24\"
- DH: GANGED REAR BLADES

* Over **280** combinations.

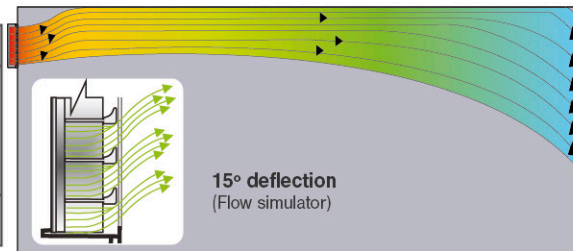
0° DEFLECTION

MODEL	DP14230	DP14120	DP18120	DP18380
0° DEFLECTION BLADE TYPE				
SPACING	2/3"	1/2"	1/2"	3/8"



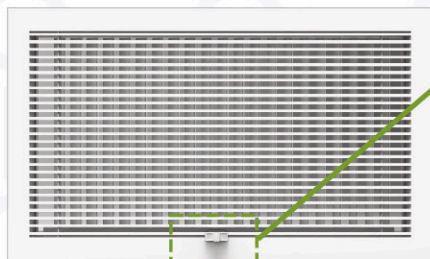
15° DEFLECTION

MODEL	DP14235	DP14125	DP18125	DP18385
15° DEFLECTION BLADE TYPE				
SPACING	2/3"	1/2"	1/2"	3/8"



SPECIAL INDICATIONS AND VARIANTS

GANGED REAR BLADES



SIDE TO SIDE ADJUSTMENT

EASY-MOVE TO SIDES OPERATED BY REAR BLADES.



FILTER FRAME BAR DIFFUSER

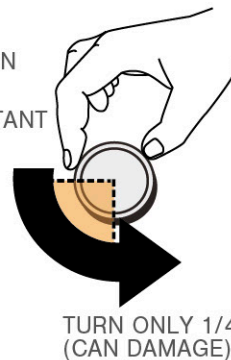


ATTENTION

THIS IS NOT A SCREW

- * EASY ACCESS CLASP 1/4 TURN
- * PREVENTS SCREW LOSS
- * ALUMINUM WITH RUST RESISTANT PLASTIC

EASY ACCESS CLASP



AVAILABLE MODELS (TRADITIONAL FRAMES)



STRAIGHT PHILLIPS KNOB

(FLAT FRAME)

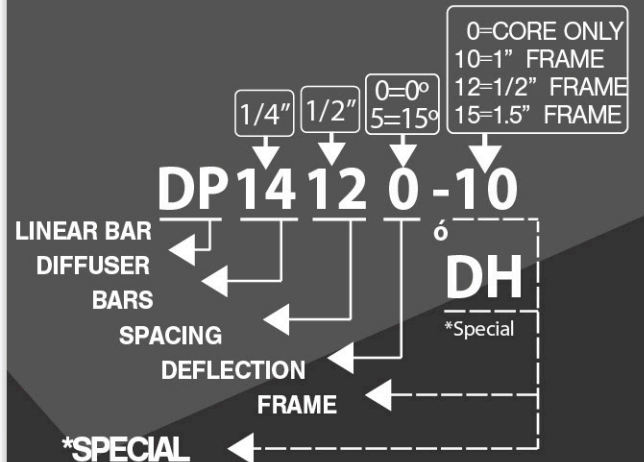


STRAIGHT PHILLIPS ALLEN

DP1412

1/4" BARS

1/2" SPACING



***SPECIAL**

ND: REMOVABLE CORE

PDR: SPIRAL DUCT INSTALLATION

FF: FILTER FRAME / SHEETROCK CEILING

FFP: FILTER FRAME / FOR T BAR 24"X24"

DH: GANGED REAR BLADES

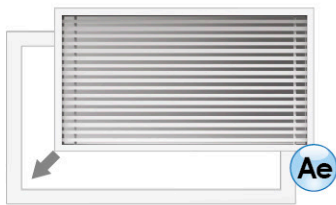
* OVER 280 COMBINATIONS.

Ae

FRAME
WIDTH

FREE AREA: 50%

SPECIAL OPTIONS



**REMOVABLE
CORE**
DP14120-ND

* 8"-20" diameters
* Available with 1" frame only



**ROUND DUCT
INSTALLATION**
DP14120-PDR

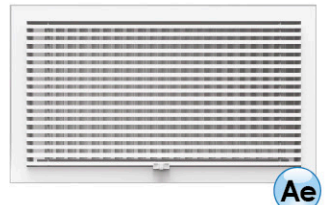
* Available with 1" frame only



FILTER FRAME
DP14120-FF
DP14230-FF

Free area: 66%

* Available with 1" frame only



**GANGED
REAR BLADES**
DP14120-DH

DP1812

BARS 1/8"

SPACING 1/2"

1/8" 1/2" 0=0° 5=15°
 0=CORE ONLY
 10=1" FRAME
 12=1/2" FRAME
 15=1.5" FRAME

DP18 12 0 -10

LINEAR BAR
 DIFFUSER
 BARS
 SPACING
 DEFLECTION
 FRAME

*SPECIAL

ND: REMOVABLE CORE

PDR: SPIRAL DUCT INSTALLATION

FF: FILTER FRAME / SHEETROCK CEILING

FFP: FILTER FRAME / FOR T BAR 24"X24"

DH: GANGED REAR BLADES

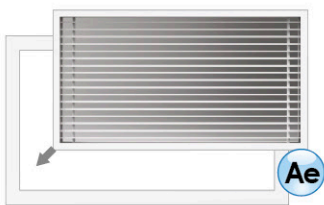
* OVER 280 COMBINATIONS.

FRAME
 WIDTH

Ae

FREE AREA: 75%

SPECIAL OPTIONS



REMOVABLE
 CORE
 DP18120-ND

*8"-20" diameters
 *Available with 1" frame only



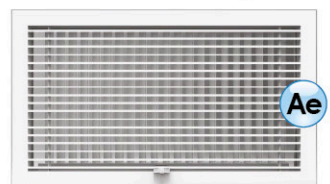
ROUND DUCT
 INSTALLATION
 DP18120-PDR

*Available with 1" frame only



FILTER FRAME
 DP18120-FF

*Available with 1" frame only

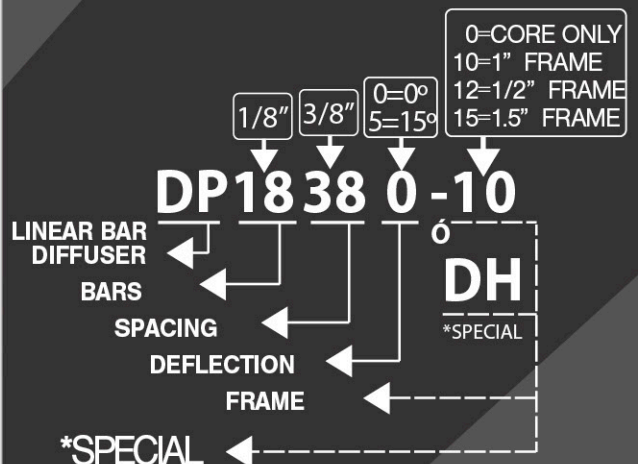


GANGED
 REAR BLADES
 DP18120-DH

DP1838

1/8" BARS

3/8" SPACING



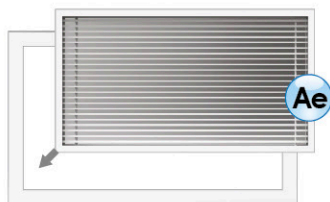
- ND:** REMOVABLE CORE
- PDR:** SPIRAL DUCT INSTALLATION
- FF:** FILTER FRAME / SHEETROCK CEILING
- FFP:** FILTER FRAME / FOR T BAR 24"X24"
- DH:** GANGED REAR BLADES
- * OVER **280** COMBINATIONS.

Ae

FRAME WIDTH

FREE AREA: 66%

SPECIAL OPTIONS



REMOVABLE CORE
DP18380-ND

* 8"-20" diameters
*Available with 1" frame only



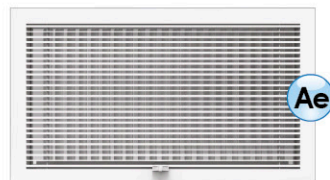
ROUND DUCT INSTALLATION
DP18380-PDR

*Available with 1" frame only



FILTER FRAME
DP18380-FF

*Available with 1" frame only



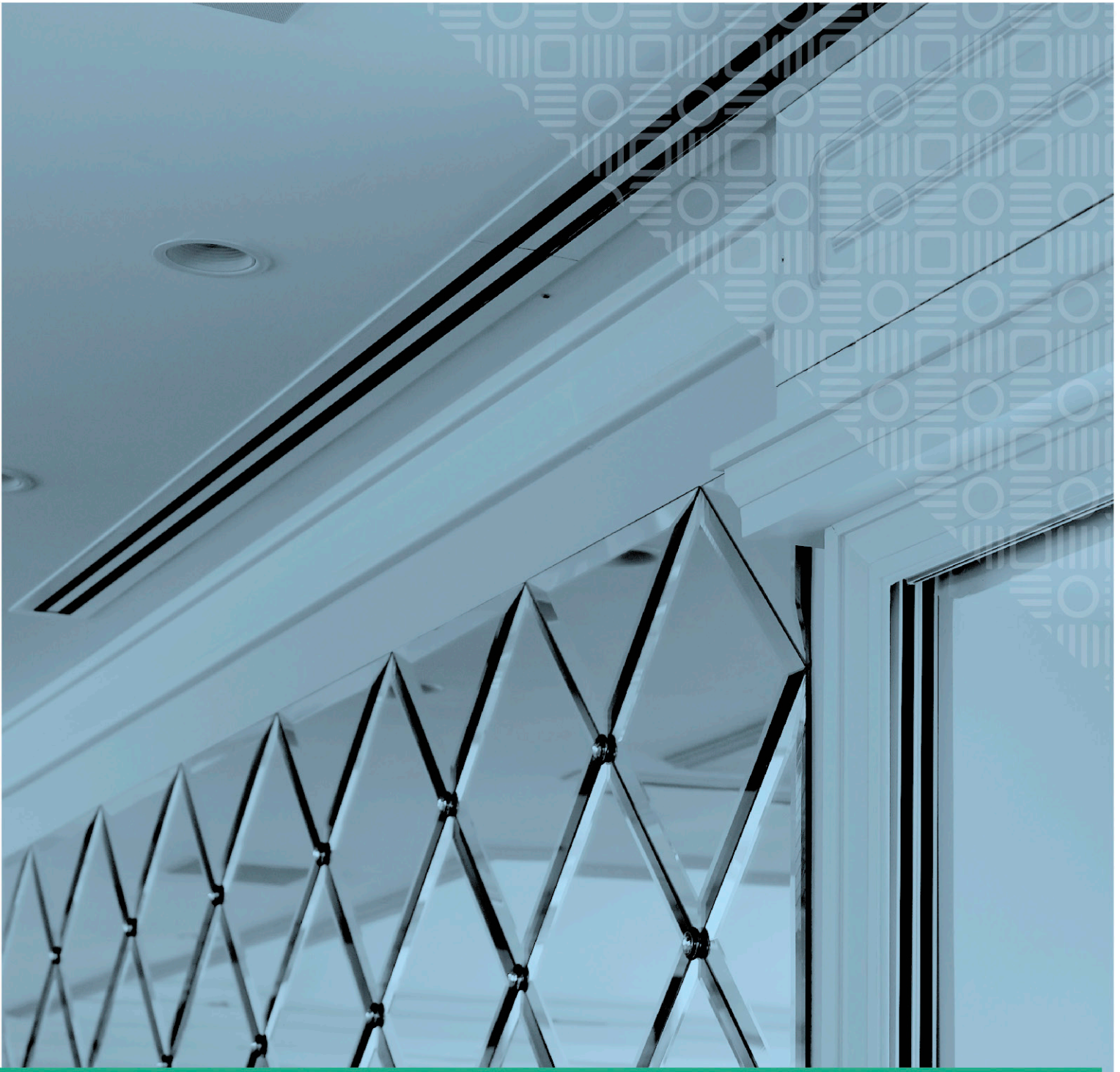
GANGED REAR BLADES
DP18380-DH

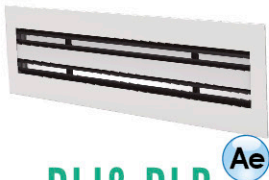


DIFFUSERS

The ideal choice in the HVAC market since 1976, offering commercial, hotel and residential solutions. Our strengths are based on product performance, design , and installation. This information guarantees that in the selection of our products you can get the expected results.

Our diffusers are undoubtedly the most complete and the best option for any quality result, we prove it by being the largest manufacturer of diffusers in Mexico. Available in standard or special sizes to suit your requirements.





DLI&DLR

SUPPLY & RETURN
LINEAR DIFFUSER
1/2", 3/4", 1"
SLOT WIDTH

Ae



DLIAA34-Z

HIGH AIR HANDLING
CAPACITY SUPPLY
LINEAR DIFFUSER 3/4"
SLOT BORDER TYPE-Z

Ae



DLIAA10-Z

HIGH AIR HANDLING
CAPACITY SUPPLY
LINEAR DIFFUSER 1"
SLOT BORDER TYPE-Z

Ae



DLIAA

HIGH AIR HANDLING
CAPACITY SUPPLY
LINEAR DIFFUSER
1"- 3" SLOT

Ae



DLIAA10-O

HIGH AIR HANDLING
CAPACITY SUPPLY
LINEAR DIFFUSER 1"
SLOT BORDER TYPE-O

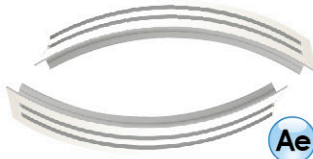
Ae



MITERED CORNER DIFFUSER

FOR LINEAR DIFFUSERS L
SHAPE FOR SIMPLE
INSTALLATION IN ENDING
POINTS WALL & CEILING

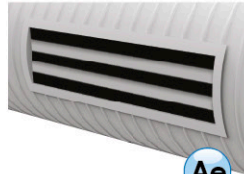
Ae



CURVED LINEAR DIFFUSER

WALL CONCAVE
WALL CONVEX
CEILING

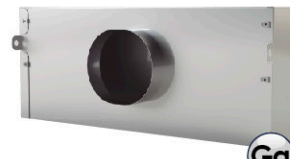
Ae



DLI-PDR

SUPPLY LINEAR
DIFFUSER 1" SLOT
FOR ROUND DUCT
INSTALL

Ae



CPDL

PLENUM BOX
FOR LINEAR
DIFFUSERS
SUPPLY & RETURN

Ga



DIAAC

SUPPLY ROUND
DIFFUSER
ADJUSTABLE,
HIGH AIR
HANDLING CAPACITY

Ga



D

CURVED BLADE
ADJUSTABLE
DIFFUSER
D: EXTRUDED ALUMINUM
5D: ROLLED FORMED
ALUMINUM
8D: ROLLED FORMED
GALVANNEAL

Ae Ar Ga



DCV & DCP

LOUVERED FACE
DIFFUSER,
REMOVABLE CORE
ADJUSTABLE
DISCHARGE PATTERN

Ae



DTAA

NOZZLE DIFFUSER

Al



DCP-Q

SQUARE PLAQUE
PANEL DIFFUSER

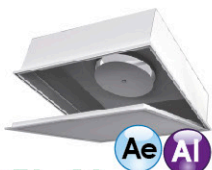
Ae



DIAAC-R

SUPPLY ROUND
DIFFUSER
ADJUSTABLE,
HIGH AIR
HANDLING CAPACITY
WITH ROUND FRAME

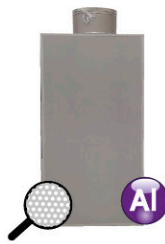
Ga



DFL-AL

LAMINAR FLOW DIFFUSER
HEPA OR ULPA FILTERS

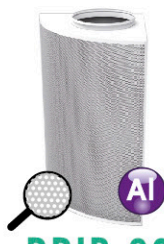
Ae Al



DDI-C

SUPPLY PERFORATED
RECTANGULAR
DISPLACEMENT UNIT

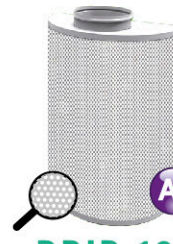
Al



DDIR-90

SUPPLY PERFORATED
DISPLACEMENT UNIT 90°
DISCHARGE PATTERN

Al



DDIR-180

SUPPLY PERFORATED
SEMICIRCULAR
DISPLACEMENT UNIT
180° DISCHARGE
PATTERN

Al



DDIR-360

SUPPLY PERFORATED
CIRCULAR
DISPLACEMENT
UNIT 360° DISCHARGE
PATTERN

Al

ROUND DIFFUSERS



DPQ-R

ROUND PLAQUE
DIFFUSER FOR T
MOUNTING

Al



DRA-PL

SUPPLY ROUND DIFFUSER

Pl



DRG30AL

ROUND DIFFUSER 30°
DISCHARGE FIXED PATTERN

Al



DRPF

ROUND DIFFUSER
WITH TWO
DISCHARGE PATTERN
FOR LOW VOLUME
DRPF-AL: ALUMINUM
DRPF-LN: STEEL

Al

Sf

Ae

Extruded
aluminum

Ar

Roll formed
aluminum

Al

Aluminum

Ga

Galvanneal

Lg

Galvanized
steel

Sf

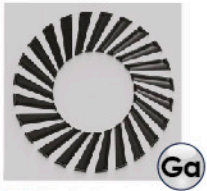
Steel

Pl

Plastic

FV

Fiberglass



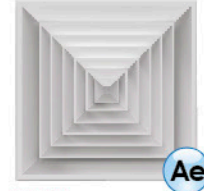
DRT-24
SWIRL DIFFUSER
WITH 24 PLASTIC
DEFLECTORS



DRT-48
SWIRL DIFFUSER
WITH 48 PLASTIC
DEFLECTORS



DPQE
PLAQUE FACE
DIFFUSER FOR TEE
CEILINGS



DM
LOUVERED FACE
DIFFUSER



DMSE
STAMPED FRAME
2 CONE DIFFUSER FOR
TEE CEILING



PDM
PERFORATED NECK
MOUNTED CURVED
BLADE DEFLECTOR FOR
TEE CEILING



PMI
PERFORATED SUPPLY
DIFFUSER FOR TEE
CEILING



DMA
ADJUSTABLE LOUVERED
FACE DIFFUSER



LQI
SUPPLY CEILING TILE
SLOT DIFFUSER



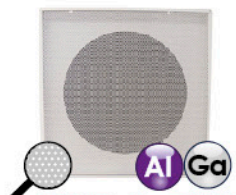
DMC
SUPPLY CEILING TILE
DIFFUSER WITH CENTER
PLAQUE



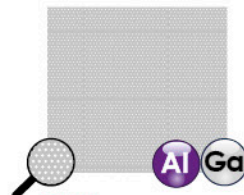
D-T
CURVED BLADE
DIFFUSER INDIVIDUALLY
ADJUSTABLE FOR TEE
CEILING WITH STEEL
BOARD



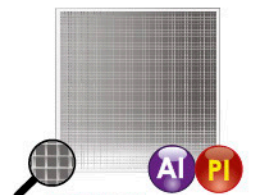
DCPT
4 WAY LOUVER FACE
DIFFUSER ADJUSTABLE
PATTERN REMOVABLE
CORE FOR TEE CEILING



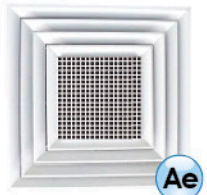
PMR & PMRN
PERFORATED RETURN
DIFFUSER WITH
GALVANNEL NECK
FOR TEE CEILING



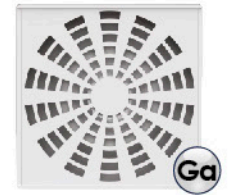
PM
PERFORATED MODULAR
FACE FOR TEE CEILING



RCAG
EGGCRASTE GRILLE WITH
HIDDEN FRAME



DIR
SUPPLY/RETURN
LOUVERED
COMBINATION
DIFFUSER



DEA27
STAMPED DIFFUSER
ARTISTIC DESIGN



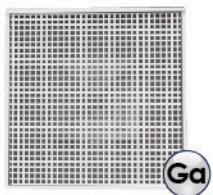
DEA42
STAMPED DIFFUSER
ARTISTIC DESIGN



DEA39
STAMPED RETURN
ARCHITECTURAL
DIFFUSER WITH
39% FREE AREA



DEA29
STAMPED RETURN
ARCHITECTURAL
DIFFUSER WITH
29% FREE AREA

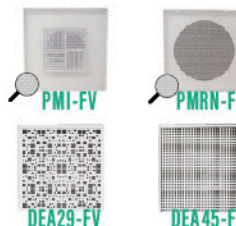


DEA45
EGGCRASTE DIFFUSER
WITH 45% FREE AREA



**INSULATED
PLENUM BACK**

*Available diffusers
with fiberglass shell:



The best option for any project in need of efficient return or supply applications. Additionally, we offer products in galvanized and roll formed aluminum

Available in standard or special sizes and finishes.



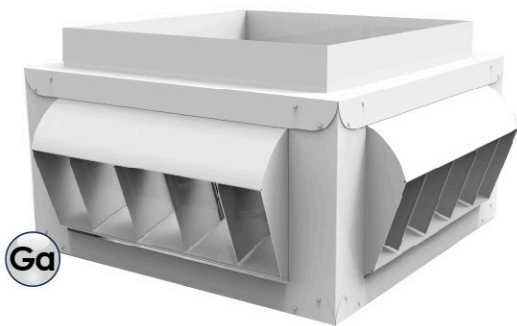
GROCERY STORE | TDAVI-4 RTAA

**BEST DESIGN
BETTER PRICES !**



6 Way Drop Box

HEXAGONAL DROPBOX
WITH SQUARE NECK



4 Way Drop Box

SQUARE DROPBOX
WITH SQUARE NECK

SUPPLY GRILLES



DIAAC

SUPPLY ROUND
ADJUSTABLE DIFFUSER,
WITH HIGH AIR HANDLING
CAPACITY



RTAA

HIGH THROW
DRUM GRILLE



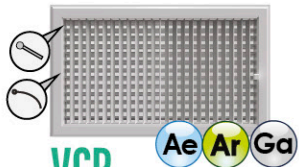
VHI-15 & 20

INDUSTRIAL LOUVERED
SUPPLY GRILLE AND
REGISTER WITH DOUBLE
DEFLECTION REAR BLADES



SG

SUPPLY GRILLE
WITH 3/4" SINGLE
DEFLECTION BLADES
TO THE LONG DIMENSION
SG EXTRUDED ALUMINUM
5SG ROLL FORMED
ALUMINUM
8SG GALVANNEAL



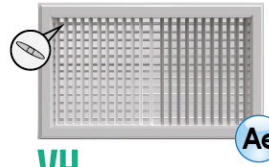
VCP

SUPPLY LOUVERED
GRILLE, FRONT BLADES
TO THE SHORT DIMENSION
WITH CURVED BLADES
OPERATED BY A LEVER
VCP EXTRUDED ALUMINUM
5VCP ROLL FORMED
ALUMINUM
8VCP GALVANNEAL



SGI

SUPPLY GRILLE AND
REGISTER WITH DOUBLE
DEFLECTION PARALLEL
BLADE



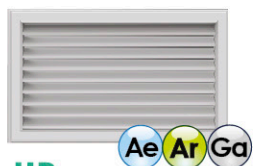
VH

INDUSTRIAL LOUVERED
SUPPLY GRILLE AND
REGISTER WITH DOUBLE
DEFLECTION BLADES
3/4" SPACING



RP

FLOOR GRILLE
HEAVY DUTY
ROBUST MATERIAL



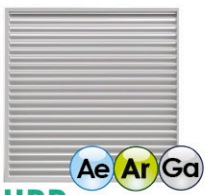
HR

RETURN GRILLE,
1" SPACING,
45° BLADES TO
THE LONG DIMENSION
HR EXTRUDED ALUMINUM
5HR ROLL FORMED
ALUMINUM
8HR GALVANNEAL



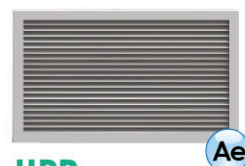
HHR

RETURN GRILLE
0° BLADES TO
THE LONG DIMENSION
FOR HEAVY APPLICATION



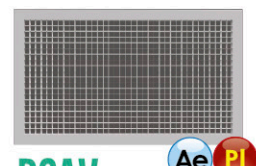
HRP

RETURN GRILLE,
1" SPACING,
45° BLADES TO
THE LONG DIMENSION
FOR TEE CEILING.
HRP EXTRUDED ALUMINUM
5HRP ROLL FORMED ALUMINUM
8HRP GALVANNEAL



HPD

SIGHTPROOF
RETURN GRILLE



RCAV

EGGCRAVE HIGH
AIR HANDLING
CAPACITY GRILLE
WITH 93%FREE AREA
RCAV/O ALUMINUM
RCPV/O PLASTIC

RETURN GRILLES

Ae Extruded aluminum

Ar Roll formed aluminum

Al Aluminum

Ga Galvanneal

Lg Galvanized steel

Pl Plastic

FV Fiberglass

RETURN GRILLES (CONTINUATION)

1/4 turn clasp
 Straight  Phillips  Clasp



HRFF

RETURN GRILLE,
1" SPACING, 45° BLADES
TO THE LONG DIMENSION
WITH FILTER FRAME.

HRFF EXTRUDED ALUMINUM
5HRFF ROLL FORMED ALUMINUM
8HRFF GALVANNEAL



RCIE

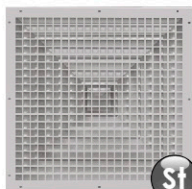
ACCESS PANEL DOOR



TAE

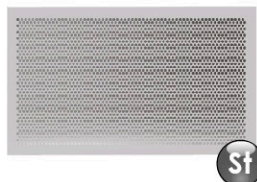
RETURN GRILLE WITH
ALUMINUM INSECT
SCREEN AND STEEL
WEATHERHOOD.

SECURITY GRILLES



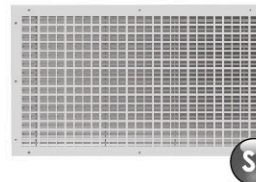
DCPMS

MEDIUM SECURITY
GRILLE, 1 TO 4 WAY,
LOUVERED CORE IN
STEEL LATTICE FACE.



PXMS

MAXIMUM SECURITY
PERFORATED GRILLE
ALL WELDED
CONSTRUCTION.



DPMS

MEDIUM SECURITY
LINEAR BAR SINGLE
DEFLECTION SUPPLY
GRILLE IN STEEL
LATTICE FACE

DAMPERS



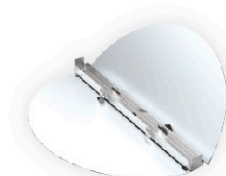
AC-12

ROUND SINGLE BLADE
DAMPER FOR DUCT
INSTALLATION.



CC

TRUE ROUND DAMPER
HAND OPERATOR



CM

BUTTERFLY
DAMPER



CO-COI

OPPOSED BLADES DAMPER
CO: EXTRUDED ALUMINUM
5CO: ROLL FORMED
ALUMINUM
8CO: GALVANNEAL



CB1 & CB2

CONTROL DAMPER WITH
HAND OPERATOR.
CB1 PARALLEL BLADES
CB2 OPPOSED BLADES
GALVANNEAL



CR1

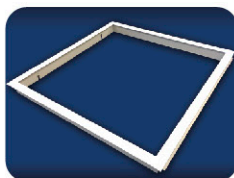
SQUARE/
RECTANGULAR
SINGLE BLADE
DAMPER
WITH HAND
OPERATOR

ACCESSORIES



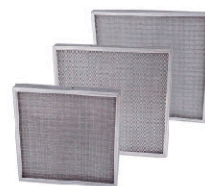
IBOX

INSULATED REGISTER
BOX FOR WALL OR
CEILING



MCPC

DIFFUSER MOUNT
FRAME



FLG

WASHABLE MESH
FILTER WITH
POLYESTER
SCREENS



Extruded
aluminum



Roll formed
aluminum



Aluminum



Galvanneal



Galvanized
Steel



Steel



Plastic



Fiberglass



AIRKITEK

Airflow by trade. Excellence by design