



DH/DV/DC MULTIDIRECTIONAL DIFFUSERS

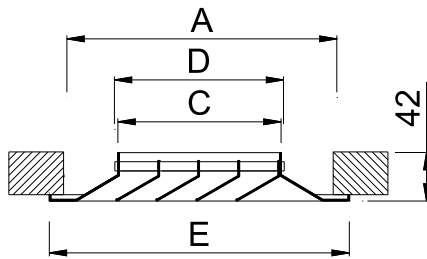
MADEL®

The multidirectional diffusers meet the functional and architectural requirements of modern updated locations. Its geometrical shape, whether square or rectangular, fits perfectly in the style of the surroundings.

The multidirectional diffuser offers great flexibility of use, as it can provide a diffusion of air suitable to the type of surroundings.

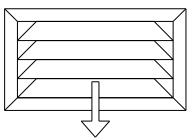
A characteristic of this sort of diffuser is its high level of induction rate. They can be used in premises up to 4 meters high and with a temperature differential up to 12°C, obtaining good results, not only in air speed but also in sound pressure level in the comfort zone.

DH1, DV1, DC1
DH2, DV2, DC2

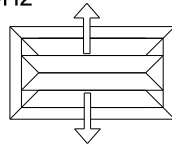


L ó H	E	A	C	D
150	262	222	143	152
225	337	297	218	227
300	412	372	293	302
375	487	447	368	373
450	562	522	443	377
490	595	557	476	597
525	637	597	518	527
600	712	672	593	602

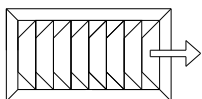
DH1



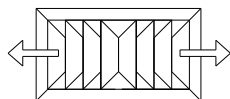
DH2



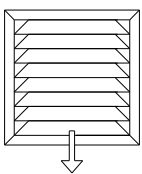
DV1



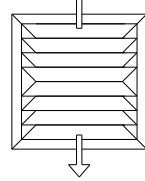
DV2



DC1



DC2



CLASSIFICATION

DH1 Rectangular diffuser 1-way blow, parallel blades in the larger size.

DH2 Rectangular diffuser 2-way blow, parallel blades in the larger size.

DV1 Rectangular diffuser 1-way blow, parallel blades in the shorter size.

DV2 Rectangular diffuser 2-way blow, parallel blades in the shorter size.

DC1 Square diffuser 1-way blow.

DC2 Square diffuser 2-way blow.

DH1 Rectangular diffuser 1-way blow, parallel blades in the larger size.

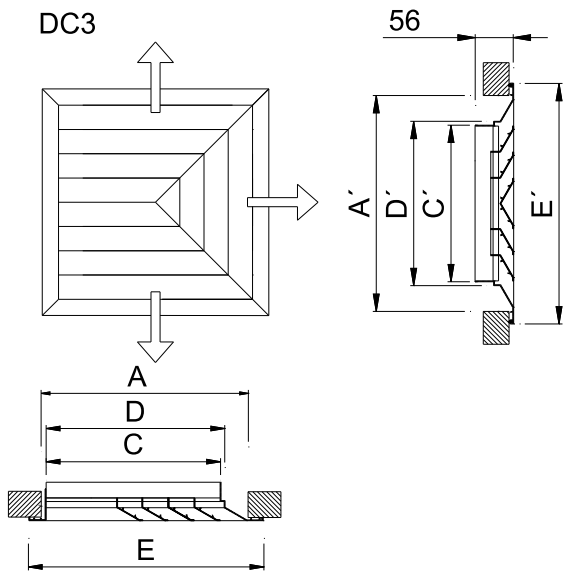
DH2 Rectangular diffuser 2-way blow, parallel blades in the larger size.

DV1 Rectangular diffuser 1-way blow, parallel blades in the shorter size.

DV2 Rectangular diffuser 2-way blow, parallel blades in the shorter size.

DC1 Square diffuser 1-way blow.

DC2 Square diffuser 2-way blow.



DC3 Square diffuser 3-way blow.

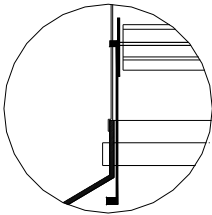
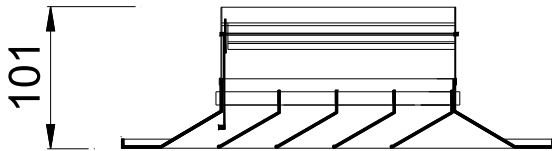
	E	E'	A	A'	C	C'	D	D'
150 x 150	227	259	187	219	141	137	148	148
225 x 225	302	332	262	292	212	212	223	223
300 x 300	377	407	337	367	287	287	298	298
375 x 375	452	482	412	442	362	362	373	373
450 x 450	527	557	487	517	437	437	448	448
525 x 525	602	632	562	592	511	511	523	523
600 x 600	677	707	637	667	587	587	598	598

MATERIAL

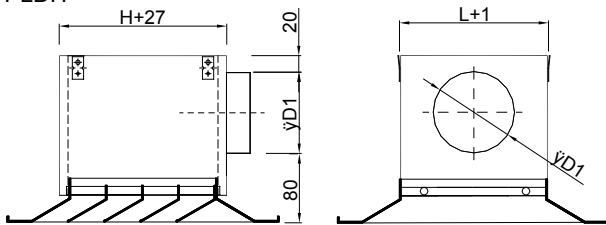
DH/DV/DC diffusers are made with extruded aluminium.

All diffusers are provided with a seal on the back of the frame in order that the perimeter in contact with the ceiling is airtight.

DH1 , DV1 , DC1 + SPQ - M
 DH2 , DV2 , DC2 + SPQ - M
 DC3 + SPQ - M



PLDH



L \ H	150	225	300	375	450	490	525	600
150	D1=158	D1=158	D1=158	D1=158	D1=158	D1=158	D1=198	D1=198
225	D1=158	D1=158	D1=198	D1=198	D1=198	D1=198	D1=248	D1=248
300	D1=158	D1=198	D1=198	D1=248	D1=248	D1=248	D1=248	D1=313
375	D1=158	D1=198	D1=248	D1=248	D1=248	D1=248	D1=248	D1=313
450	D1=158	D1=198	D1=248	D1=248	D1=313	D1=313	D1=313	D1=313
490	D1=158	D1=198	D1=248	D1=248	D1=313	D1=313	-	-
525	D1=198	D1=248	D1=248	D1=248	D1=313	-	D1=313	D1=313
600	D1=198	D1=248	D1=313	D1=313	D1=313	-	D1=313	D1=313

ADDITIONAL ACCESSORIES

SPQ-M Opposed blades damper to regulate the air flow.

The damper is operated by an easily accessible key inside the grille.

Constructed from electro-zinc steel, painted in black colour.

The damper is held in place by “S” springs.

PLDH Plenum box with a lateral circular connection. Made in galvanised steel.

...-R Plenum box with flow damper in the spigot.

.../S/ Plenum box with an upper connection.

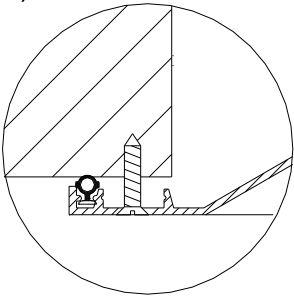
.../AIS/ Plenum box thermo acoustically insulated by a foam with a coefficient of thermal conductivity of 0,04 w/mk. This foam complies with the fire reaction specifications:

UNE 23-727 M2

NFP 92-501 M2

DIN 4102 M2

(T)



FIXING SYSTEMS

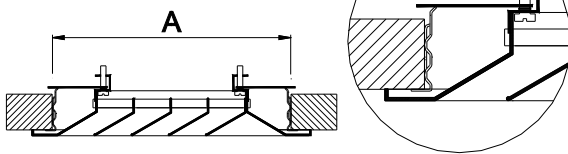
(T) The grille is fixed in place with screws.

(O) The diffuser is fixed in place by a hidden screw. Suitable for all the series.

1) Riveted directly to the **PLDH** plenum box or to the metallic duct.

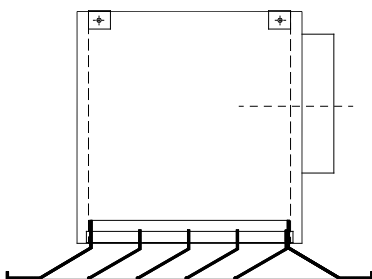
DH1 (O), DV1 (O), DC1 (O)

DH2 (O), DV2 (O), DC2 (O)



L ó H	A	LONGITUD MARC O CQ
150	233	225
225	308	300
300	383	375
375	458	450
450	533	525
525	608	600
600	683	675

PLDH (1)



FINISHES

AA Anodised in matt silver.

R9010 Lacquer in white colour RAL 9010.

M9016 Lacquer in white colour similar to RAL 9016.

RAL... Lacquer in other colours (RAL specifications).