

ERISDIF DA

HOUSING TERMINAL DIFFUSERS



TYPICAL APPLICATIONS

Industrial air conditioning and
Ventilation in:

- electronics
- pharmaceutical
- chemical
- photographic
- food
- aerospace, etc.

Hospitals
Laboratories

These diffusers fitted with suitable panel filters can be used in controlled environmental premises or clean room up to the class 100 as per American Standard FS 209 E

TECHNICAL CHARACTERISTICS

CASE = Light weight anodized aluminium profile. Built in grooves permit also to hang the diffusers to the ceiling or to connect them one to the other by means of plastic plugs. Leak proof device for aerosol or pressure drop test included.

PLENUM = Manufactured in galvanized steel for sizes 69 and 77; in moulded plastic for all other sizes

CLAMPING = A system of stainless steel screws permits to clamp laminar filters 68, 78 and 88 mm deep with standard polyurethane gasket

BLOWING GRID = Three executions fixed by means of quick fasteners are available:

- Code **FA** = Perforated pattern in anodized aluminium sheet
- Code **EV** = Helicoidal pattern in painted steel sheet (RAL 9010)
- Code **LA** = Four way pattern in extruded anodized aluminium

DAMPER = An air flow regulation damper can be mounted on request.

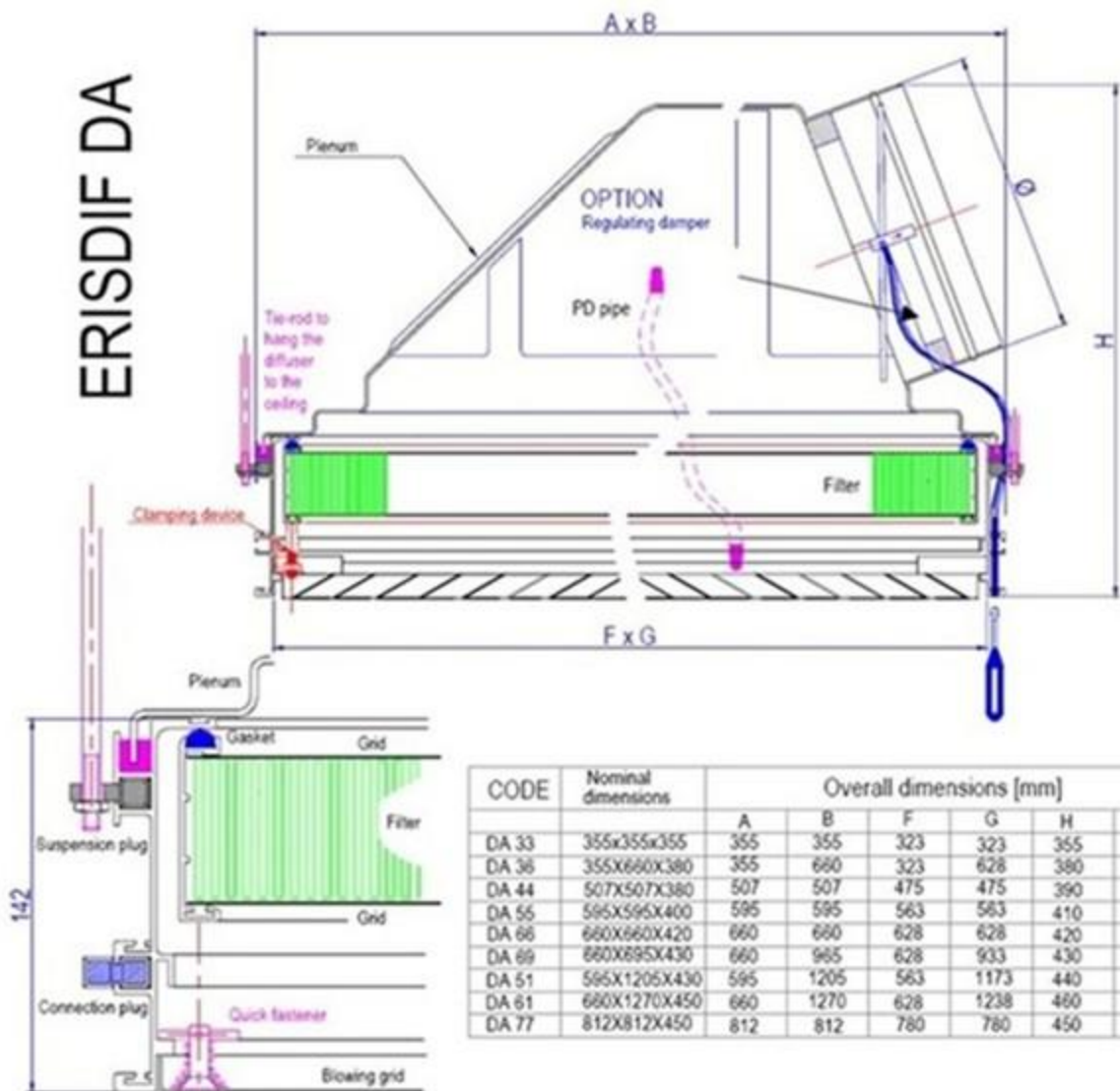
CODE	Diffusers nominal dimensions [mm]	Filter face dimension [mm]	Air flow [m ³ /h] FA grid (ERISLAM filter)	Air flow [m ³ /h] EV/LA grid (ERISLAM filter)	Volume [m ³]	Weight [kg] without filter
DA 33 - 00	355x355x355	305x305	150	250	0,050	4,00
DA 36 - 00	355x660x380	305x610	300	400	0,100	5,00
DA 44 - 00	507x507x380	457x457	450	550	0,110	5,50
DA 55 - 00	595x595x400	545x545	500	850	0,160	6,50
DA 66 - 00	660x660x420	610x610	600	850	0,210	7,50
DA 69 - 00	660x965x430	610x915	900	1800	0,320	10,00
DA 51 - 00	595x1205x430	545x1155	1100	2000	0,350	15,00
DA 61 - 00	660x1270x450	610x1220	1200	2200	0,430	16,00
DA 77 - 00	812x812x450	762x762	950	1300	0,340	12,00

OPTION = Regulation damper: add **T** in the code number instead of the second **0**

CONNECTION PLUG = code 616910000

SUSPENSION PLUG = code 616920000

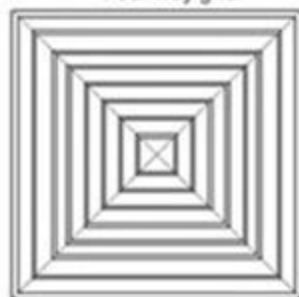
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CODE	Nominal dimensions	Overall dimensions [mm]					
		A	B	F	G	H	Ø
DA 33	355x355x355	355	355	323	323	355	200
DA 36	355x660x380	355	660	323	628	380	200
DA 44	507x507x380	507	507	475	475	390	250
DA 55	595x595x400	595	595	563	563	410	250
DA 66	660x660x420	660	660	628	628	420	250
DA 69	660x695x430	660	965	628	933	430	250
DA 51	595x1205x430	595	1205	563	1173	440	250
DA 61	660x1270x450	660	1270	628	1238	460	250
DA 77	812x812x450	812	812	780	780	450	250

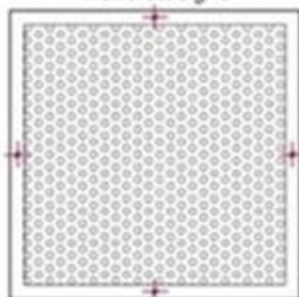
LA

Four way grid



FA

Perforated grid



EV

Helicoidal grid

