

ERISDIF CA

FLANGED 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. The front 28 mm flange permits to install the diffusers in the ceiling **T** bars frame. Built in grooves permit also to hang the diffusers to the ceiling.
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

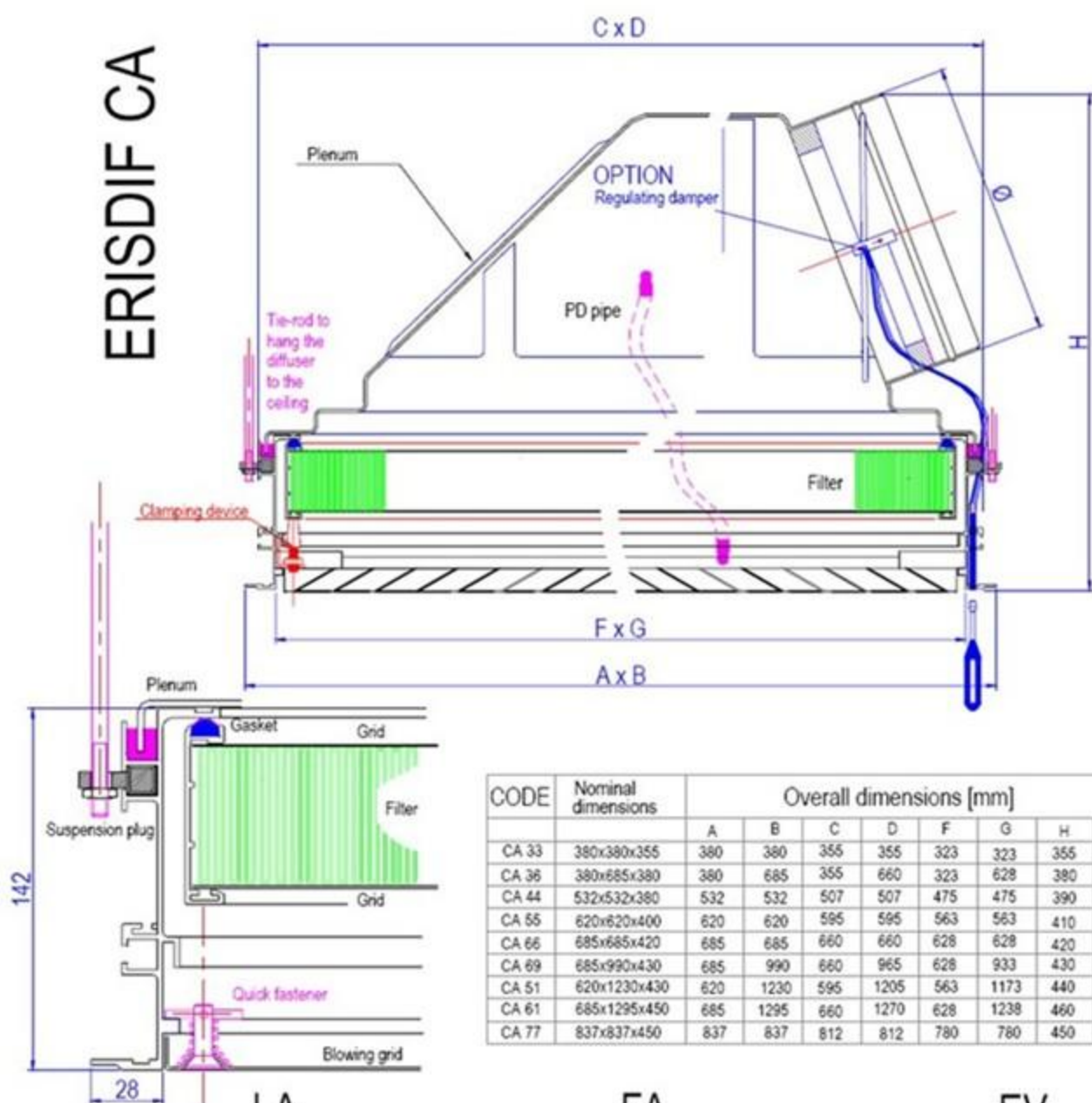
DAMPER = An air flow regulation damper can be mounted on request.

| 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 |
|-------------|-----------------------------------|----------------------------|---|--|--------------------------|-------------------------------|
| CA 33 - 00 | 380x380 355 | 305x305 | 150 | 250 | 0,060 | 4,00 |
| CA 36 -- 00 | 380x685x380 | 305x610 | 300 | 400 | 0,110 | 5,00 |
| CA 44 - 00 | 532x532x380 | 457x457 | 450 | 550 | 0,120 | 5,50 |
| CA 55 - 00 | 620x620x400 | 545x545 | 500 | 850 | 0,180 | 6,50 |
| CA 66 - 00 | 685x685x420 | 610x610 | 600 | 850 | 0,230 | 7,50 |
| CA 69 - 00 | 685x990x430 | 610x915 | 900 | 1800 | 0,340 | 10,00 |
| CA 51 - 00 | 620x1230x430 | 545x1155 | 1100 | 2000 | 0,380 | 15,00 |
| CA 61 - 00 | 685x1295x450 | 610x1220 | 1200 | 2200 | 0,460 | 16,00 |
| CA 77 -- 00 | 837x837x450 | 762x762 | 950 | 1300 | 0,360 | 12,00 |

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

SUSPENSION PLUG = code 616920000

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| CODE | Nominal dimensions | Overall dimensions [mm] | | | | | | | |
|-------|--------------------|-------------------------|------|-----|------|-----|------|-----|-----|
| | | A | B | C | D | F | G | H | Ø |
| CA 33 | 380x380x355 | 380 | 380 | 355 | 355 | 323 | 323 | 355 | 200 |
| CA 36 | 380x685x380 | 380 | 685 | 355 | 660 | 323 | 628 | 380 | 200 |
| CA 44 | 532x532x380 | 532 | 532 | 507 | 507 | 475 | 475 | 390 | 250 |
| CA 55 | 620x620x400 | 620 | 620 | 595 | 595 | 563 | 563 | 410 | 250 |
| CA 66 | 685x685x420 | 685 | 685 | 660 | 660 | 628 | 628 | 420 | 250 |
| CA 69 | 685x990x430 | 685 | 990 | 660 | 965 | 628 | 933 | 430 | 250 |
| CA 51 | 620x1230x430 | 620 | 1230 | 595 | 1205 | 563 | 1173 | 440 | 250 |
| CA 61 | 685x1295x450 | 685 | 1295 | 660 | 1270 | 628 | 1238 | 460 | 250 |
| CA 77 | 837x837x450 | 837 | 837 | 812 | 812 | 780 | 780 | 450 | 250 |

