

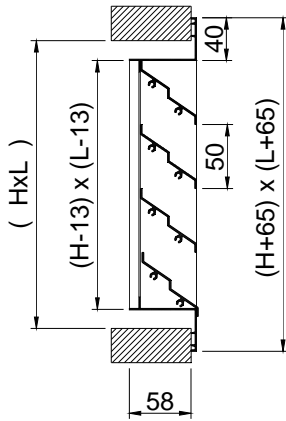
DXT external grilles – blade 50



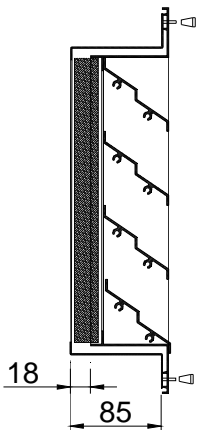
MADEL®

The **DXT** series grilles are designed to take in air from the exterior or to expel used air. The fixed blades, 50 mm pitch, are designed to prevent rain penetration. They are very strongly built and resistant to aggressive climatic conditions, for outdoor installation.

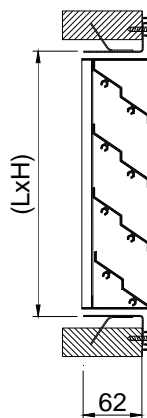
DXT



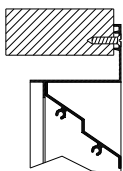
DXT+PFX



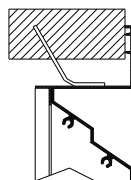
DXT+CX



(T)



(P)



CLASSIFICATION

DXT Grille with galvanised mesh and blades parallels to L size.

EXT Grille with galvanised mesh and blades parallels to H size.

MATERIAL

Extruded aluminium grille. These grilles have a galvanised mesh of 13x13 fixed to the grille.

ACCESSORIES

PFX Filter box made of galvanised steel, with mesh and filter included (K/8 efficiency EN 779 G3). The grille is held in place by threaded knobs.

CX Mounting frame from galvanised steel. It includes sidepieces to fix in place.

FIXING SYSTEMS

(T) Visible screws. Mounting frame CXL is recommended.

(P) Sidepiece to fix in place.

FINISHES

NAT Natural aluminium no anodised.

AA Matt silver anodised.

M9016 Painted in white similar to RAL 9016.

R9010 Painted in white RAL 9010.

RAL... Painted in other RAL colours.

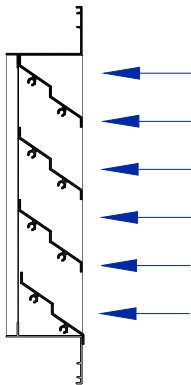
SPECIFICATION TEXT

Supply and mounting of external use grille with galvanised mesh and 50 mm blades parallels to the largest side series **DXT (T) AA dim. LxH**, constructed from aluminium and anodised in matt silver **AA**, visible fixing by screws **(T)**.
Manufacturer **MADEL**.

DXT

FREE FACE AREA (m2).

H \ L	200	300	400	500	600	700	800	900	1000	1100	1200	1400	1600	1800	2000	n
200	0,024	0,036	0,049	0,061	0,074	0,086	0,099	0,112	0,124	0,137	0,150	0,175	0,200	0,225	0,250	4
300	0,039	0,06	0,081	0,102	0,123	0,144	0,165	0,186	0,207	0,228	0,249	0,291	0,333	0,375	0,417	6
400	0,055	0,084	0,114	0,143	0,173	0,202	0,231	0,261	0,290	0,319	0,349	0,408	0,467	0,525	0,584	8
500	0,071	0,108	0,146	0,184	0,222	0,259	0,297	0,335	0,373	0,411	0,449	0,524	0,600	0,675	0,751	10
600	0,086	0,133	0,179	0,225	0,271	0,317	0,364	0,410	0,456	0,502	0,548	0,641	0,733	0,826	0,918	12
700	0,102	0,157	0,211	0,266	0,321	0,375	0,432	0,484	0,539	0,594	0,648	0,757	0,867	0,976	1,085	14
800	0,118	0,181	0,244	0,307	0,370	0,432	0,496	0,559	0,622	0,684	0,748	0,874	1,001	1,126	1,252	16
900	0,134	0,205	0,276	0,348	0,419	0,490	0,562	0,663	0,705	0,776	0,848	0,990	1,133	1,276	1,418	18
1000	0,149	0,229	0,309	0,389	0,468	0,548	0,628	0,708	0,788	0,867	0,947	1,107	1,266	1,426	1,585	20



$$A \text{ free (m}^2) = \frac{[(L \text{ (mm)} - 13)] * [42*(n-1)]}{1.000.000}$$

$$V \text{ f (m/s)} = \frac{Q \text{ (m}^3/\text{h)}}{A \text{ free (m}^2) * 3600}$$

$$V \text{ f (m/s)} = \frac{Q \text{ (l/s)}}{A \text{ free (m}^2) * 1000}$$

n = BLADES

DXT

FREE VELOCITY, PRESSURE LOSS AND SOUND POWER LEVEL.

RECOMMENDED VELOCITY.

Vmin m/s	Vmax m/s
2,5	4,5

