

# TDAVI-6 DIAAC MODEL

## GALVANNEAL DROP BOX 6 WAY NOZZLE DIFFUSER, SQUARE NECK FOR 9000 CFM



- Specially designed to be applied on the air condition distribution on industrial warehouses and shopping malls.
- Connected directly to the output branches of the high-speed ducts.
- Its great height installation and near the columns reduce the interference with the lifts and any other equipment's for material handling.
- Easily removable to allow the occasional movement of heavy equipment
- Air patterns are adjustable on vertical or horizontal.
- Available on panels with 2 elements by side.

**New design**  
**! SAME PERFORMANCE**  
**BEST PRICES !**

### CONSTRUCTION:

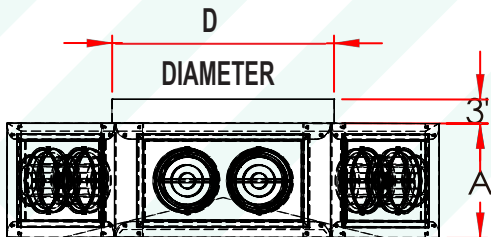
Galvanneal steel structure with DIAAC model.

The inside of the cabinet is covered with insulating and acoustical material properly treated to avoid its erosion. Has a **CONE DEFLECTOR** that diverts the air towards the diffusers for a higher performance.

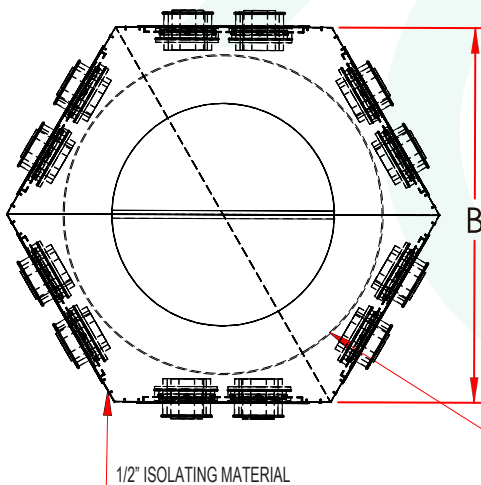
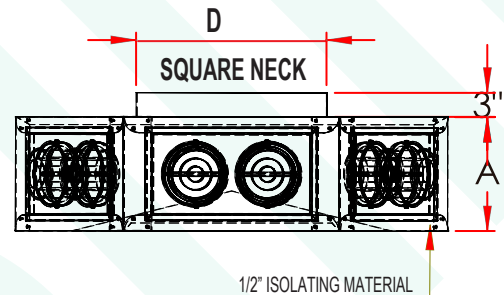
### FINISH:

Standard white Anodic acrylic paint. Other colors available.

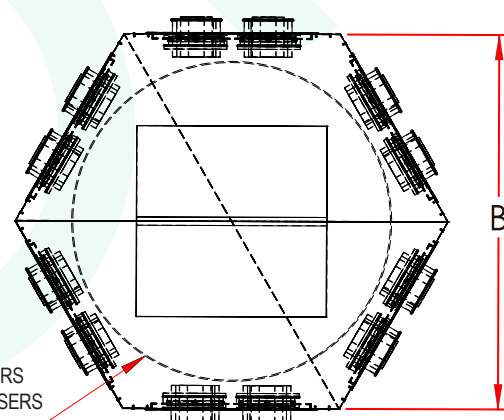
## Dimensional Data



SIDE VIEW



TOP VIEW



\*CONE DEFLECTOR THAT DIVERS THE AIR TOWARDS THE DUFFUSERS FOR A HIGHER PERFORMANCE

# TDAVI-6 DIAAC MODEL

## DIMENSIONS AND PERFORMANCE



**TDAVI-6CR  
DIAAC**

MODEL	DIAMETER	A HIGH	B WIDTH	ELEMENTS DIAMETER QUANTITY	NOMINAL PCM	TONS	THROW <sup>150, 100, 50 fpm</sup>	NC	VEL. PRES. In H2O	TOTAL PRES. In H2O 0° deflection
TDAVI-6CR 17.5	28"	12"	47"	6" 2	7,000	17.5	36-44-62	54	0.040	1.125
TDAVI-6CR 20	28"	14.5"	47"	8" 2	8,000	20	38-46-67	46	0.031	0.644
TDAVI-6CR 30	32"	16"	64"	10" 2	12,000	30	45-55-81	52	0.040	0.560
TDAVI-6CR 40	40"	16"	74.5"	10" 3	16,000	40	54-66-95	47	0.031	0.388
TDAVI-6CR 50	40"	19"	74.5"	12" 2	20,000	50	58-71-99	60	0.040	0.739

MODEL	SQUARE NECK	A HIGH	B WIDTH	ELEMENTS DIAMETER QUANTITY	NOMINAL PCM	TONS	THROW <sup>150, 100, 50 fpm</sup>	NC	VEL. PRES. In H2O	TOTAL PRES. In H2O 0° deflection
TDAVI-6CC 17.5	24"	12"	47"	6" 2	7,000	17.5	36-44-62	54	0.040	1.125
TDAVI-6CC 20	24"	14.5"	47"	8" 2	8,000	20	38-46-67	46	0.031	0.644
TDAVI-6CC 30	32"	16"	64"	10" 2	12,000	30	45-55-81	52	0.040	0.560
TDAVI-6CC 40	36"	16"	74.5"	10" 3	16,000	40	54-66-95	47	0.031	0.388
TDAVI-6CC 50	36"	19"	74.5"	12" 2	20,000	50	58-71-99	60	0.040	0.739



**TDAVI-6CC  
DIAAC**

### NOTES:

Throws are based on terminal speeds (Vt) of 150, 100 and 50 Feet / Min. (Ppm) with the help of a ceiling or false ceiling that allows the "Coanda Effect", under isothermal conditions and zero deflection.