

# SDACH-BA Thermally actuated swirl diffuser



- SDACH-BA-T
- SDACH-BA-TE
- SDACH-BA-TP



## Product Description

- SDACH-BA-T** Diffuser with thermostatic actuator controlled connected blades
- SDACH-BA-TE** Diffuser with thermostatic actuator controlled connected blades, with equaliser
- SDACH-BA-TP** Diffuser with thermostatic actuator controlled connected blades, 595 x 595 tile

Nominal dimensions BxH mm	ØD	ØD1	ØD2	H	H1
<b>200</b>	198	316	242	174	40
<b>250</b>	248	404	315	200	40
<b>315</b>	313	472	375	235	40
<b>400</b>	398	601	460	260	50
<b>500</b>	498	787	570	315	60
<b>630</b>	628	903	700	320	65

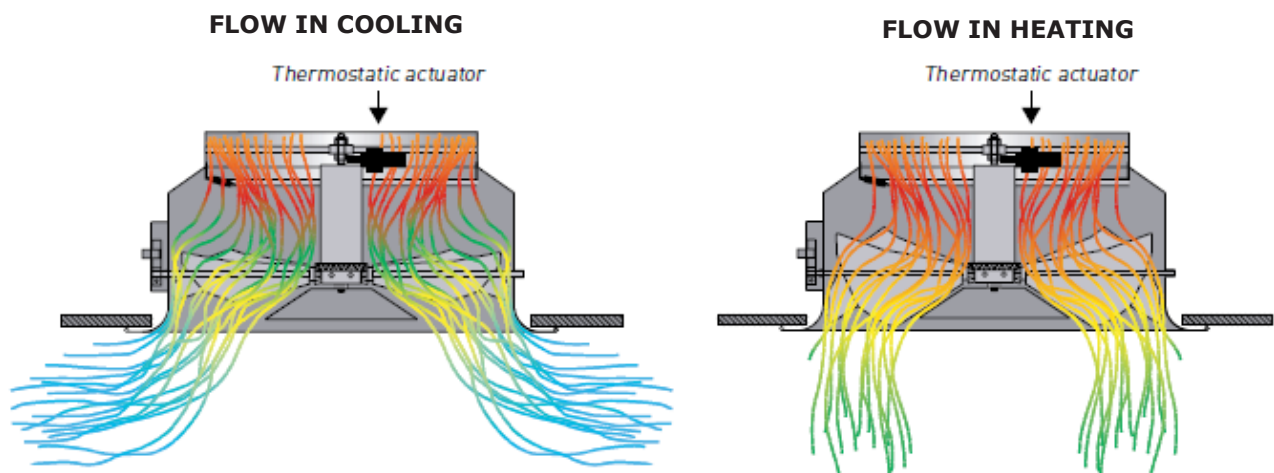
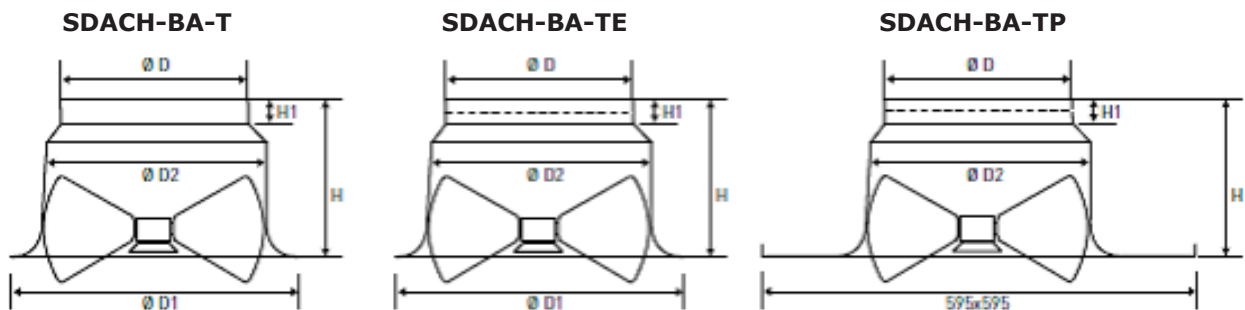
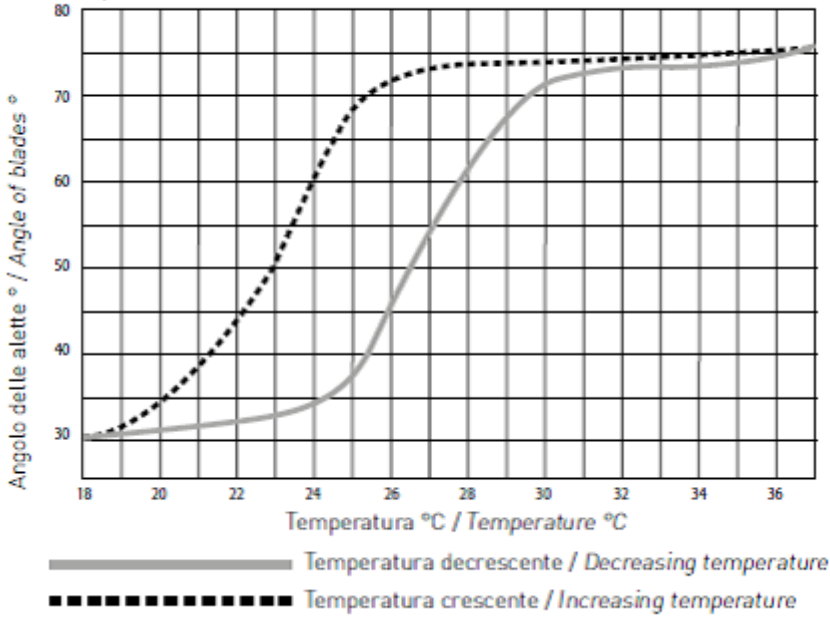




Diagram below shows how angle of blades depends on temperature.



Thermostatic actuator is fixed to the bracket at the rear of the unit.

On bracket of diffuser with thermostatic regulation there is a thermostatic actuator.

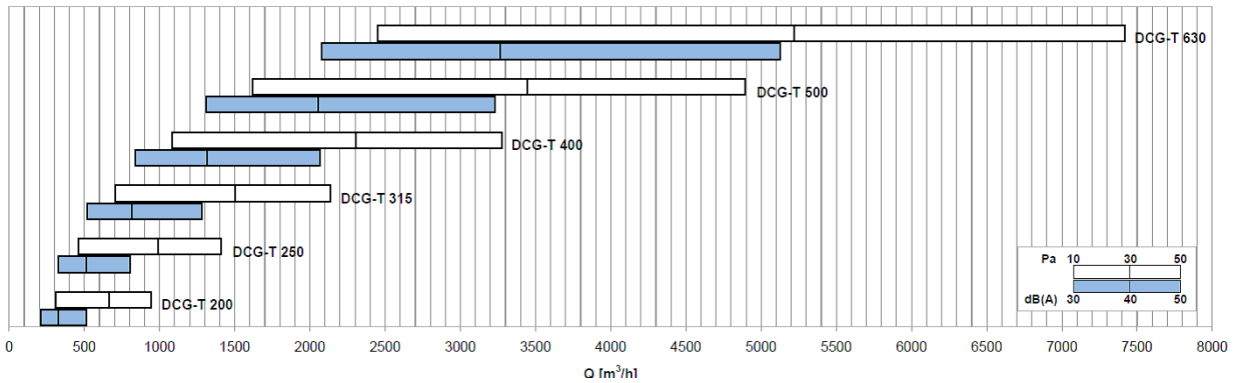


Thermostatic actuator reacts to the supplied air temperature and adjusts the blades to suit hot or cold distribution.

There is no need for a power supply.

## Quick selection diagram

## Blades at 45°



## Selection Table

## Blades at 45°

Modello Model	A <sub>k</sub> [m <sup>2</sup> ]	Q [m <sup>3</sup> /h]		L <sub>WA</sub> [dB(A)]		X <sub>0,25</sub> [m]		D <sub>p</sub> [Pa]	
		min	max	min	max	min	max	min	max
DCG-T 200	0,0314	310	950	39	64	2,1	6,7	10	50
DCG-T 250	0,0491	460	1410	38	62	2,4	7,7	10	50
DCG-T 315	0,0779	700	2140	37	61	2,9	9,1	10	50
DCG-T 400	0,1257	1080	3280	36	60	3,6	11,2	10	50
DCG-T 500	0,1963	1620	4900	35	59	4,5	14,5	10	50
DCG-T 630	0,3117	2450	7420	34	58	6,1	20,9	10	50