



PDCT

- > Thermal Swirl Diffuser
- > Fanned Pattern
- > Adjustable Blades

DESCRIPTION

Variable geometry circular diffusers by thermostatic actuator. For ceiling or wall installation and for air delivery.

CONSTRUCTION

Bell in aluminium, fins in steel.

Finish:

Painted white RAL 9010.

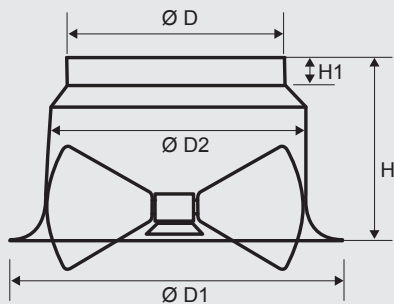
Options:

- Galvanized steel connecting plenum with insulation and damper

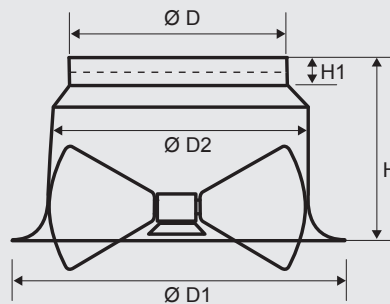
MODELS

- PDCT:** Diffuser with thermostatic actuator
- PDCT-E:** Includes equalizer
- PDCT-P:** 595 x 595 modular

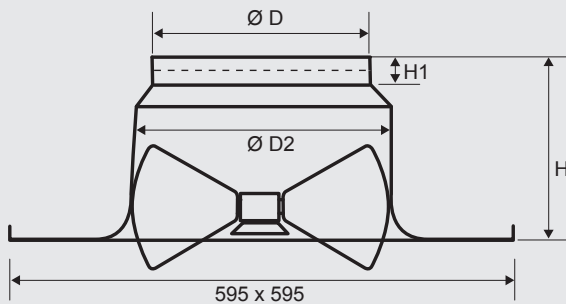
PDCT– Thermal Swirl Diffuser



PDCT-E



PDCT-P



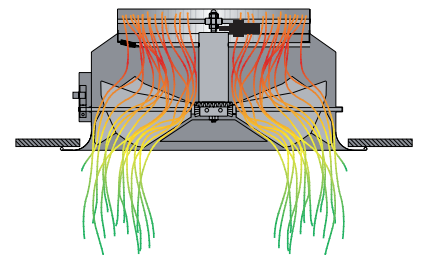
DIMENSIONS (mm)

BxH	ØD	ØD1	ØD2	H	H1
200	198	310	242	174	40
250	248	400	315	200	40
315	313	475	375	235	40
400	398	600	460	260	50
500	498	785	570	315	60
630	628	920	700	320	65

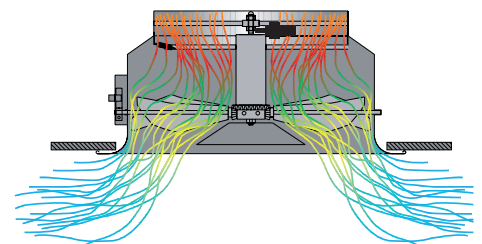
NOTES

Thermal actuator adjusts angle of the blades automatically. Temperature range is from 15°C to 30°C.

FLOW IN HEATING



FLOW IN COOLING



PDCT – SELECTION DATA

SUPPLY SELECTION DATA								
Size	m ³ /s		dB(A)		m		Pa	
	min	max	min	max	min	max	min	max
200	0.086	0.263	39	64	2.1	6.7	10	50
250	0.127	0.391	38	62	2.4	7.7	10	50
315	0.194	0.594	37	61	2.9	9.1	10	50
400	0.300	0.911	36	60	3.6	11.2	10	50
500	0.450	1.361	35	59	4.5	14.5	10	50
630	0.680	2.061	34	58	6.1	20.9	10	50

KEY INFORMATION

Throw based on diffuser installed in a standard suspended ceiling.

m³/s = Air Volume

dB(A) = Sound Power Level

m = Velocity in metres

Pa = Static Pressure Drop

Thermostatic Regulation

