

CEILING DIFFUSER

FEATURES

- KYODO diffuser satisfies architectural as well as engineering criteria. Its strong, clean, unobtrusive lines harmonize with the ceiling system, without sacrificing performance.
- The curvature of the diffuser back panel works with the formed edges of the face panel to deliver a uniform 360° horizontal air pattern, without excessive noise or pressure drop.
- The diffuser is an excellent choice for variable air volume systems. The air pattern remains tight and horizontal for effective room air distribution, even when the volume varies over a wide range.

FINISH

Standard finish in baked white enamel.

Other colours are available on request.

ACCESSORIES

Air Volume Control Damper:

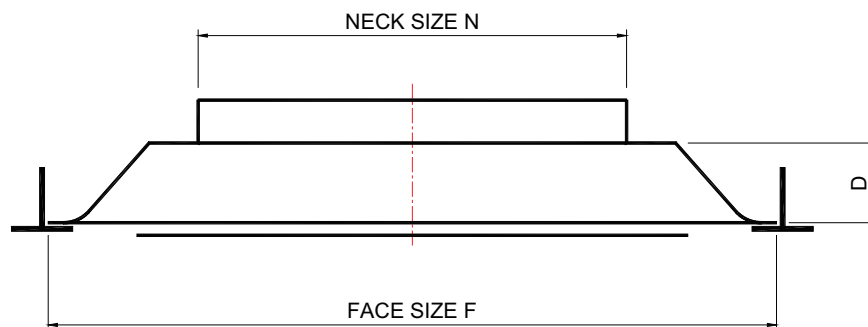
- Radial Type (SED II)

SQUARE PLAQUE MODEL: TS



DIMENSIONS

FACE SIZE F (mm)	NECK SIZE N (mm)	D (mm)
595 x 595	Φ 200	60
	Φ 250	60
	Φ 300	60



TECHNICAL PERFORMANCE DATA (With Damper)

MODEL: TS

		Neck Velocity (m/s)		2.0	2.5	3.0	3.5	4.0	4.5	5.0	6.0
595 x 595 mm Module Size	Duct Size (mm)	Φ200	Air Volume (CMH)	230	285	340	395	455	510	565	680
			Throw (m)	0.9	1.1	1.3	1.5	1.7	1.9	2.1	2.4
			S.P. (Pa)	6	8	14	17	21	29	37	50
			NC	<10	<10	<10	14	17	21	25	32
	Duct Size (mm)	Φ250	Air Volume (CMH)	355	445	530	620	710	795	885	1060
			Throw (m)	1.2	1.5	1.7	1.9	2.3	2.5	2.7	3.0
			S.P. (Pa)	5	7	13	19	27	35	43	59
			NC	<10	<10	10	16	21	23	27	34
	Duct Size (mm)	Φ300	Air Volume (CMH)	510	640	765	890	1020	1145	1275	1530
			Throw (m)	1.4	1.9	2.3	2.6	3.0	3.2	3.4	3.8
			S.P. (Pa)	10	15	21	27	36	45	56	79
			NC	<10	<10	15	19	23	26	30	36

- Result of performance is tested under NATA, in accordance with ASHRAE STANDARD 70-2006.
- SP - Static Pressure drops are in Pascals.
- NC - Noise Criterion based upon room absorption of 10 dB.
- Throw - Throw at 0.5m/s terminal velocity in metres.