

PERFORATED CEILING DIFFUSER

FEATURES

- Model: TCSX - Supply
PAG - Return
- 1,2,3,4 way discharge pattern.
- Excellent performance in air throw pattern.
- Return models have the same face border construction as the supply models, except the four-ways air pattern deflectors.
- Discharge pattern is easily adjusted by remove the perforated face, then rotating the pattern controllers.
- Perforated face is removable for easy maintenance, adjustment of damper by screw driver.
- Opposed blade Volume Control Damper is incorporated in the ceiling diffuser for square or rectangular duct. Sed III is used in conjunction with round adaptor for round duct.
- Material is galvanized iron with 5mm diameter holes.

FINISH

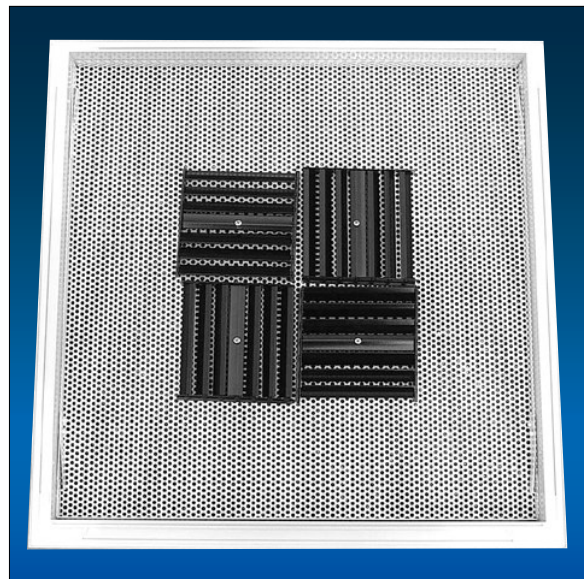
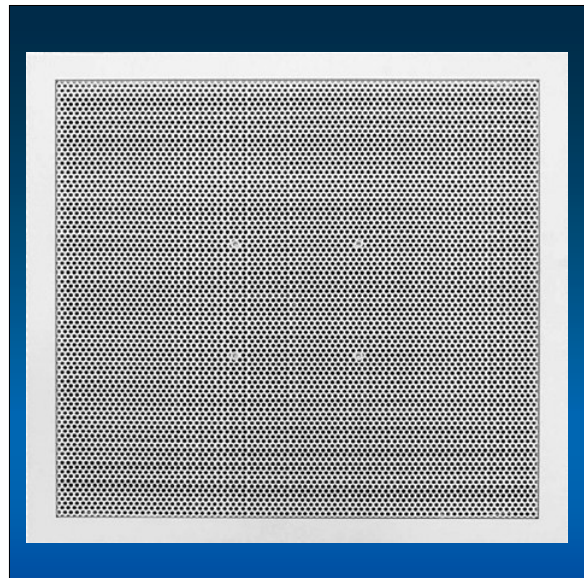
Standard finish in baked white enamel.
Other colours are available on request.

ACCESSORIES

Air Volume Control Damper:

- Opposed blade volume control damper for square or rectangular neck.
- Radial Type (SED II) for round neck size from Ø150 to Ø350.
- Butterfly Type (B II) for round neck size from Ø400 to Ø500.

MODEL: TCSX



TCSX - 1



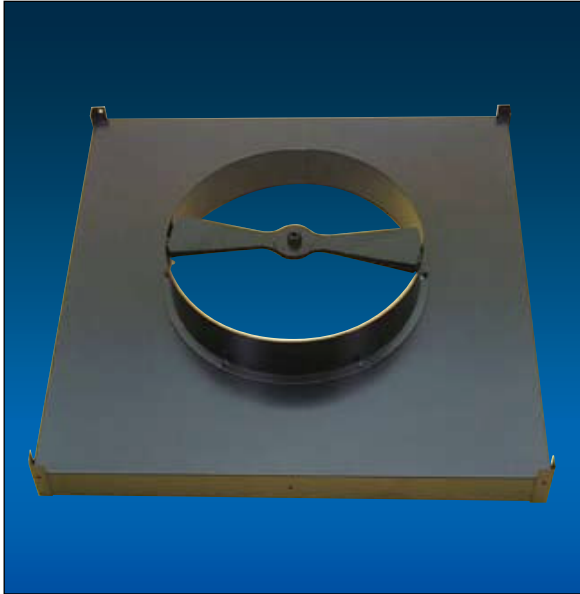
KYODO reserves the right to make changes without written notice. The actual product might differ from pictures shown. Drawings are not meant to show exact details of every aspects of the product.

TECHNICAL PERFORMANCE DATA

MODEL: TCSX

SIZE Ø (mm)	CAP l/s	30	40	50	60	70	80	90	100	110	120	130	140	150	200	250	300	350	400	450	500	600	700	800	900	1000	1250	1500	1750	
150	S. P.	7.5	13.0	20.5	29.0	39.5	51.0	64.5	79.0	95.0	113.0	132	152.5	174.5																
	NR	8	17	23	28	32	36	40	42	46	50	53	56	58																
	THROW	0.8	1.4	2.0	2.4	2.8	3.2	3.6	4.0	4.2	4.4	4.8	5.0	5.2																
200	S. P.		4.5	6.5	9.5	13.0	16.5	21.0	26.0	31.0	37.0	43.0	50.0	57.0	100.5	155.0	221.5													
	NR		5	11	16	21	24	28	31	33	36	38	40	42	53	62	69													
	THROW		0.2	0.8	1.2	1.6	2.0	2.2	2.6	2.8	3.0	3.2	3.4	3.8	4.6	5.4	6.0													
250	S. P.				4.0	5.5	7.0	8.5	10.5	13.0	15.5	18.0	20.5	23.5	41.5	64.5	92.0	124.5	161.5	203.5										
	NR				7	11	15	18	21	24	26	29	31	33	41	49	56	62	67	72										
	THROW				0.4	0.6	1.0	1.2	1.6	1.8	2.0	2.2	2.4	2.6	3.4	4.2	4.8	5.4	5.8	6.2										
300	S. P.						3.5	4.5	5.5	6.5	7.5	9.0	10.0	11.5	20.5	31.5	45.0	61.0	79.0	99.5	122.5	174.5								
	NR						7	11	14	16	19	21	23	25	33	40	45	51	57	61	65	73								
	THROW						0.2	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.6	3.2	3.8	4.4	4.8	5.2	5.6	6.4								
350	S. P.								3.0	3.5	4.0	5.0	5.5	6.5	11.0	17.5	24.5	33.5	43.5	54.5	67.0	96.0	130.0	168.5	212.0					
	NR								7	10	13	15	17	19	27	33	38	43	48	52	57	64	70	75	80					
	THROW								0.2	0.4	0.6	0.8	1.0	1.2	1.8	2.6	3.0	3.6	4.0	4.4	4.8	5.4	6.0	6.6	7.0					
400	S. P.												3.0	3.5	4.0	6.5	10.5	14.5	20.0	26.0	32.5	40.0	57.0	77.0	100.5	126.0	155.0	240.0		
	NR												9	11	13	22	28	33	37	41	45	49	56	62	67	72	76	85		
	THROW												0.2	0.4	0.6	1.2	2.0	2.4	2.8	3.4	3.8	4.0	4.8	5.2	5.8	6.2	6.6	7.6		
450	S. P.													2.5	4.0	6.5	9.0	12.5	16.0	20.5	25.0	36.0	48.5	63.0	79.0	97.0	150.5	214.5		
	NR													8	17	23	28	32	36	39	42	49	55	60	65	69	78	85		
	THROW													0.2	0.8	1.4	1.8	2.4	2.8	3.2	3.4	4.0	4.6	5.2	5.6	6.0	6.8	7.6		
500	S. P.														3.0	4.5	6.0	8.5	10.5	13.5	16.5	24.0	32.0	41.5	52.5	64.5	100.0	142.5	192.5	
	NR														12	19	24	28	32	35	38	43	49	54	59	63	72	79	85	
	THROW														0.4	1.0	1.4	1.8	2.2	2.6	3.0	3.6	4.0	4.6	5.0	5.4	6.2	7.0	7.6	

- Performance data is based on 600x600mm face size
- Result of performance is tested under NATA
- SP – Static Pressure drops are in Pascals
- NR – Noise rating in dB re 10⁻¹² watts. Room correction of -6dB
- CAP – Capacity of flow in litre per second
- Throw – Throw at 0.5 m/s Terminal Velocity in metres



SED II DAMPER (FULLY OPEN)



SED II DAMPER (FULLY CLOSED)

