

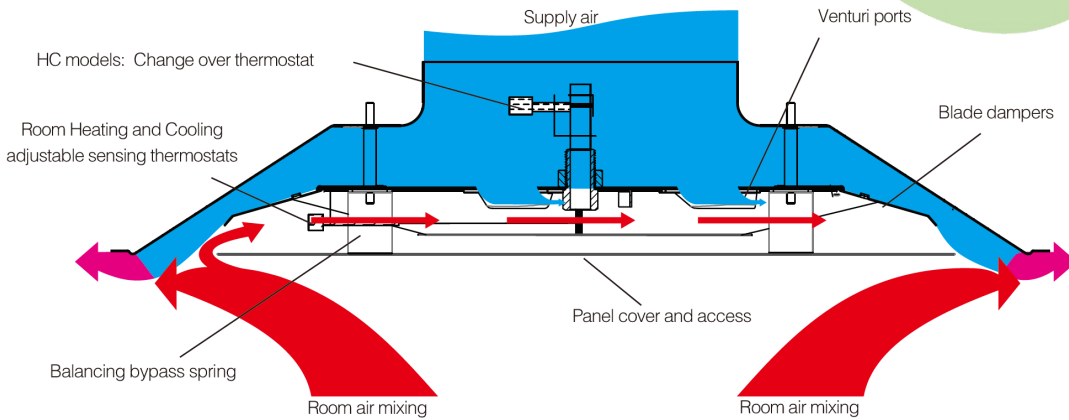
# Thermal VAV Diffuser

## Thermally Powered VAV Diffusers - Square Plaque

- Four perimeter dampers providing variable discharge area at the perimeter of the diffuser for maximum Coanda effect and to avoid dumping
- Separate set points for VAV heating and VAV cooling
- 595x595 metric steel housing

- Superior air distribution
- Easily adapts to office changes
- Lower cost per zone
- Reliable and durable quality
- Easy maintenance





TVAD-SS Thermal Variable Air Diffuser with three thermal thermostats: separate cooling and heating thermostat and a cooling/heating changeover thermostat.

- HC - Model heating setting range 21°C ~ 26°C
- Initial heating or cooling factory set point settings are 23.4°C
- Room temperature average within 0.9°C

Model	Pa	Air Flow (l/s)	Throw (m) at 100% Air Flow				Throw (m) at 25% Air Flow			
			0.25m/s	0.51m/s	0.76m/s	NC	0.25m/s	0.51m/s	0.76m/s	NC
150mm	12	49	0.91	0.30	< 0.30	-	0.30	< 0.30	< 0.30	-
	27	71	1.22	0.60	0.30	-	0.60	< 0.30	< 0.30	-
	37	85	1.52	0.91	0.30	25	0.91	0.30	< 0.30	-
	50	99	1.82	1.22	0.60	29	1.22	0.30	< 0.30	-
	62	113	2.13	1.52	0.91	32	1.22	0.60	0.46	21
200mm	12	78	1.52	0.60	0.30	-	0.60	0.30	< 0.30	-
	32	123	2.13	1.22	0.60	25	0.91	0.30	< 0.30	-
	37	134	2.44	1.22	0.91	25	1.22	0.30	0.30	-
	50	156	2.74	1.52	0.91	30	1.22	0.60	0.30	20
	62	179	2.74	1.82	1.22	34	1.52	0.91	0.60	25
250mm	12	120	1.82	0.91	0.46	-	0.91	0.30	< 0.30	-
	32	193	2.44	1.52	0.91	26	1.22	0.30	0.30	-
	37	208	2.74	1.82	1.22	28	1.22	0.46	0.30	-
	50	241	3.04	2.13	1.52	32	1.52	0.76	0.60	22
	62	269	3.35	2.44	1.82	36	1.82	1.22	0.91	26
300mm	12	158	2.44	1.82	0.60	-	1.22	0.30	< 0.30	-
	25	222	3.04	2.13	1.22	25	1.52	0.60	0.30	-
	37	288	3.35	2.44	1.52	31	1.82	0.60	0.30	21
	50	316	3.66	3.04	2.13	35	2.13	0.91	0.46	27
	62	349	3.96	3.35	2.74	38	2.44	1.37	0.46	31