



RCD-NP					
		(130° CONE)			
NECK SIZE	TOTAL PRESSURE	FLOW	VERTICAL THROW COMPONENT (10°C Δ)	HORIZONTAL THROW COMPONENT (10°C Δ)	NC LEVEL
[mm]	[Pa]	[l/s]	[m] (0.25 m/s)	[m] (0.25 m/s)	[-]
315	25	270	1.6	1.32	31
	50	380	2.0	1.65	36
	75	465	2.2	1.82	40
	100	542	2.4	1.98	45
400	25	459	2.0	1.65	35
	50	646	2.4	1.98	41
	75	791	2.7	2.23	46
	100	921	3.0	2.48	52

All measurements were recorded with a differential of 10°C between supply and room temperature. Throw is measured at the point at which the air velocity reaches 0.25m/s. The RVD forms a 130°/±.10 degree cone shaped pattern of air. Velocity measurements were taken along this line but recorded in metres as a vertical and horizontal component.

Noise Criteria levels apply to a single diffuser mounted in a room having a Sound Absorption of 10dB in octave bands having centre frequencies from 125Hz to 8000Hz (i.e. the difference between Sound Pressure Level (dB re:2 x 10<sup>-5</sup> Pa) and Sound Power Level (dBW re: 10<sup>-12</sup> watts) is equal to 10dB). These levels represent only the noise generated by the diffuser and do not take into account any duct-borne noise.

**NOTE:** Performance will differ from catalogue values if side-entry square plenums are used.

For performance data not reflected on any of the preceding tables, kindly contact your local Rickard sales representative.

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