

Basic information and nomenclature

RFD-V



- Adjustment Data for RFD-V supply air diffusers

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Measured using the internal diaphragm, test point on plenum lid

Nominal Size	K factor	
	Without ADE	With ADE
160 × 158	8.2	7.3
200 × 198	13.3	11.5
200 × 248	13.4	10.6
250 × 198	19.8	19.7
250 × 248	20.4	18.2
315 × 248	28.2	27.0
315 × 313	29.9	23.1



K-FACTORS FOR MEASUREMENT AND ADJUSTMENT OF AIR VOLUME FLOW

Airflow:

$$[l/s] = k \times \sqrt{\Delta P_i [Pa]}$$

Measurement pressure for desired airflow:

$$\Delta P_i [Pa] = \left(\frac{q(l/s)}{k}\right)^2$$