

Basic information and nomenclature

Tellus



- Adjustment Data for Tellus supply air diffusers

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Pressure measured using the internal diaphragm

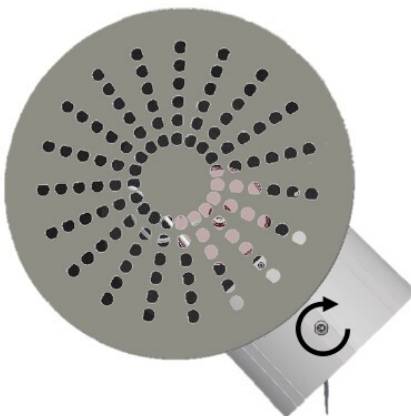
C-FACTORS FOR MEASUREMENT AND ADJUSTMENT OF AIR VOLUME FLOW

Airflow:

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

Measurement pressure for desired airflow:

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



Damper blade should be rotated in the clockwise direction.
Adjustment in the opposite direction can result in a deviation of flow rate.



Tellus - V2 -...-H

Nominal size	Ø Spigot	C		
		Slot gap		
	mm	Max	Mid	Min
100	98	16.2	14.4	13.4
100	123	16.7	14.9	13.6
125	125	14.5	13.9	12.9
125	158	15.5	14.1	13
160	158	21.8	19.8	17.7
160	198	21.2	18.8	16.5
200	198	35.3	32.4	29.2
200	248	38.8	35.1	31.1
250	248	48.6	44	35.8
315	313	73.6	67.7	57.9

Tellus - V2 -...-L

Nominal size	Ø Spigot	C		
		Slot gap		
	mm	Max	Mid	Min
100	98	18.9	16.3	14.7
125	123	16.1	14.5	13.4
160	158	23	20.7	18
200	198	36.4	32.8	29.2
250	248	48.8	43.5	35
315	313	74.4	67.8	57.2