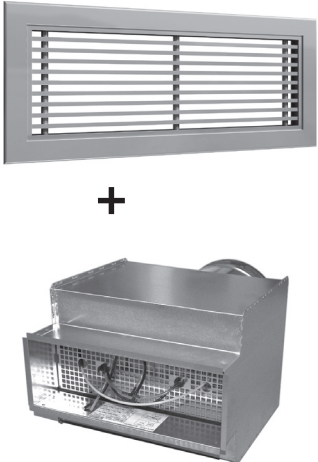


Grilles K-value

AL10

AL10 + VBA Supply

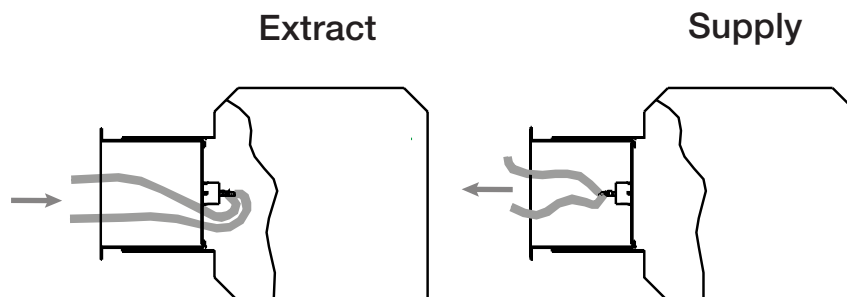
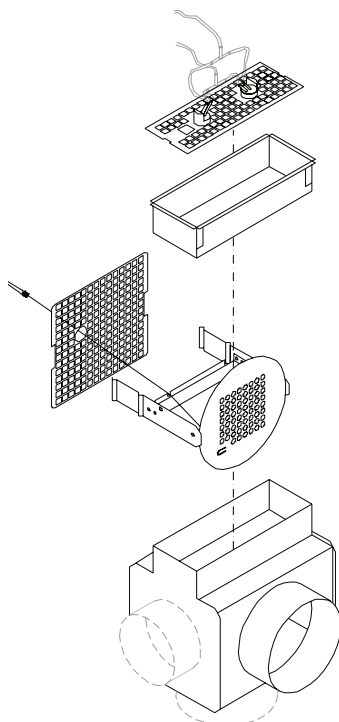
AL10 + VBA Supply	Dim	Connection		
		1 = Back	2 = Side	4 = Top
 2 measuring tubes (Black = high pressure)	200 x 100	7.6	7.5	7.6
	300 x 100	12.5	12.0	11.9
	400 x 100	16.0	14.5	14.8
	500 x 100	20.3	20.5	21.9
	300 x 150	17.9	17.5	18.1
	400 x 150	26.8	26.2	25.3
	500 x 150	31.3	31.5	31.8
	600 x 150	38.2	38.2	38.2
	400 x 200	38.1	37.4	38.5
	500 x 200	45.4	45.1	43.3
	600 x 200	58.0	56.5	53.6

Calculation of air volumes:

$$q_v \text{ [l/s]} = k \times \sqrt{\Delta P \cdot l}$$

$$q_v \text{ [m}^3\text{/h]} = k \times \sqrt{\Delta P \cdot l} \times 3.6$$

Method accuracy:

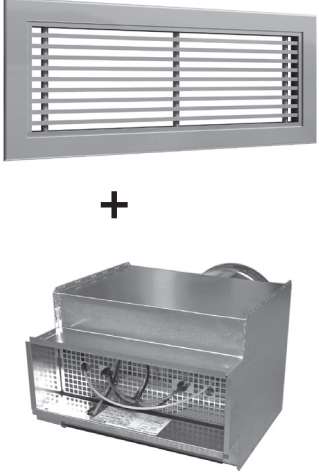
+/- 10% ($\Delta P_i \geq 5 \text{ Pa}$)

VBA is delivered for supply air - turn the measuringplate for extract air.

Grilles K-value

AL10

AL10 + VBA Supply

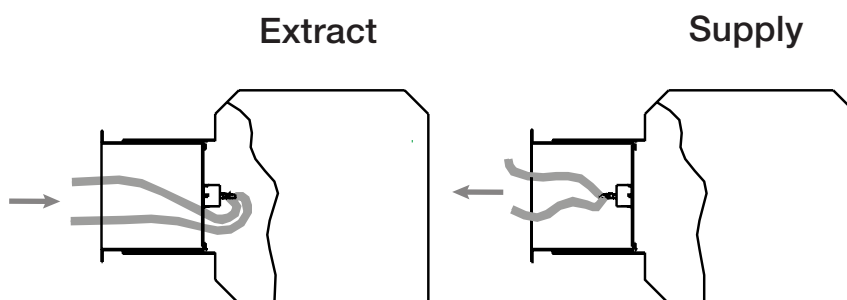
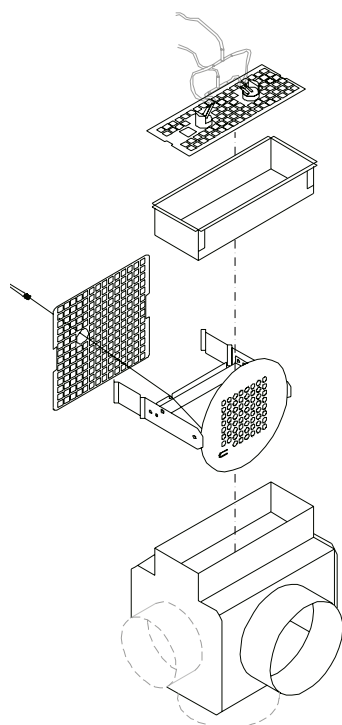
AL10 + VBA Supply	Dim	Connection		
		1 = Back	2 = Side	4 = Top
 2 measuring tubes (Black = high pressure)	200 x 100	7.6	7.2	7.3
	300 x 100	11.4	11.5	11.4
	400 x 100	15.6	15.6	15.0
	500 x 100	20.5	20.3	19.7
	300 x 150	17.4	17.2	17.2
	400 x 150	24.6	24.3	24.5
	500 x 150	31.6	30.8	30.9
	600 x 150	37.7	37.7	37.7
	400 x 200	37.3	34.9	35.8
	500 x 200	46.3	46.1	44.0
	600 x 200	59.8	59.4	56.8

Calculation of air volumes:

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

$$q_v [m^3/h] = k \times \sqrt{\Delta P_i} \times 3.6$$

Method accuracy:

+/- 10% ($\Delta P_i \geq 5 \text{ Pa}$)

VBA is delivered for supply air - turn the measuringplate for extract air.