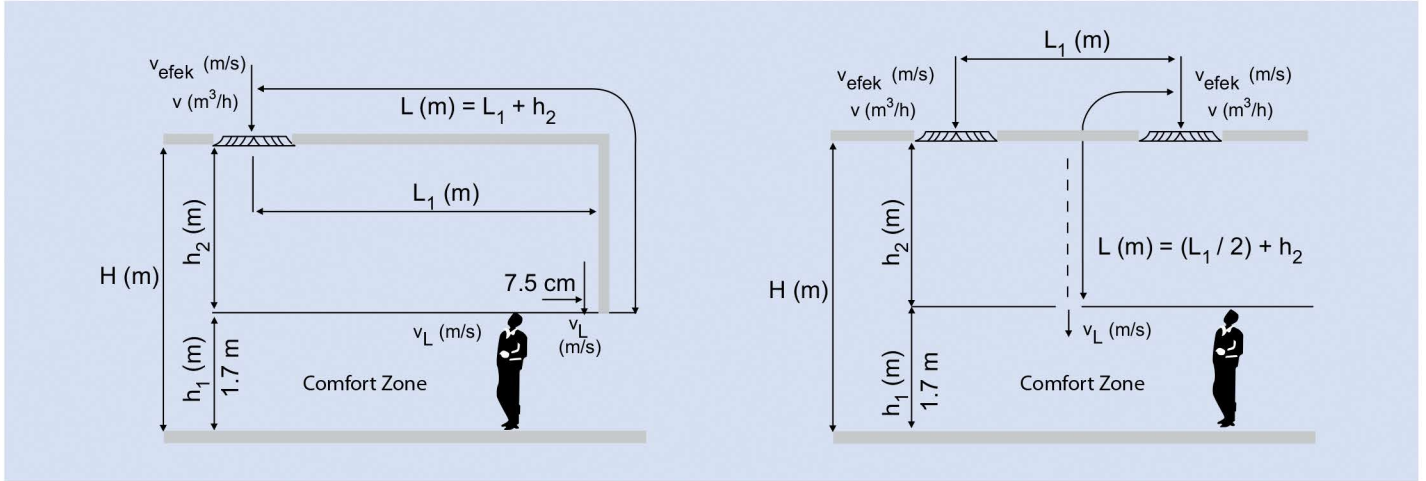


Seçim



<b>L<sub>1</sub></b>	The distance between the diffusers or diffuser and the wall (m)
<b>h<sub>1</sub></b>	The height of comfort zone
<b>h<sub>2</sub></b>	The distance between the diffuser and the comfort zone
<b>V<sub>efek.</sub></b>	Effective blowing speed(m/s)
<b>V<sub>L</sub></b>	Air speed in comfort zone
<b>Δt<sub>0</sub></b>	The temperature difference between the air entering the environment and the comfort zone (°C)
<b>Δt<sub>L</sub></b>	The temperature difference between the air entering the comfort zone and the air in the comfort zone (°C)
<b>L</b>	Shoot length (m)
<b>V</b>	Flow rate of air
<b>H</b>	Height of the space
<b>S</b>	Power level of sound dB (A)

For Coanda Effect to be present effective blowing speed ( $V_{efekt.}$ ) should be at least 2 m/s. For the comfort condition to be ensured sound level should be selected not greater than 40 dB (A). The top level of comfort zone ( $h_1$ ) is taken as approximately 1,70 m from the ground. The air speed at this level  $v_l$  related to diffuser dimensions and the flow rate is found as 0,25 and 0,10 m/s from the tables.

**note:**  
Diffusor selection tables are given for four wing blocks. For the other wing blocks given contact to our company.

	Sound	Pressure Loss
Spreader and Dumped	+ 3 dB (A)	x 1,0
Collector	+ 3 dB (A)	x 1,1
Collector and Dumped	+ 13 dB (A)	x 1,15

The values at the tables are given for undumped and spreader diffusers and for the situations given in the side proper coefficients and additions should be applied.