Definitions in capacity diagrams

q	Supply air flow	(l/s and m³ /h)
v_0	Supply air velocity which applies across the unit's active front fig.1.	(m/s)
Δp_t	Total pressure drop	(Pa)
L_{WA}	A-weighted sound power level	(dB(A))
L_{02}	Adjacent zone is defined as the area in front of the unit where the air speed at ankle level (100mm above floor) is higher than 0.2 m/s. The adjacent zone varies depending on air flow, type of unit and the so called under temperature.The adjacent zone is shown for 3K and 6k under temperature.	(m)
t_s	Supply air temperature	(ºC)
t_{R1}	Room air temperature 1m above floor level	(ºC)
Δt_u	Under temperature is defined as the temperature difference between the room temperature at 1m above floor level and the supply air temperature fig 2.	(K)
		(K)

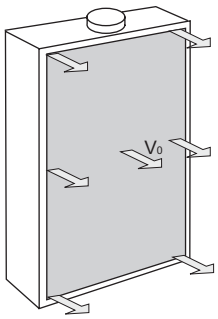

fig.1

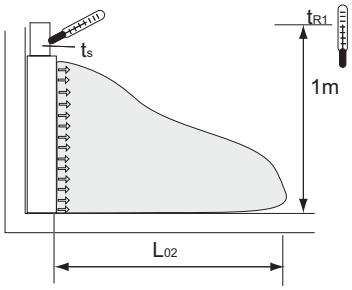

fig.2