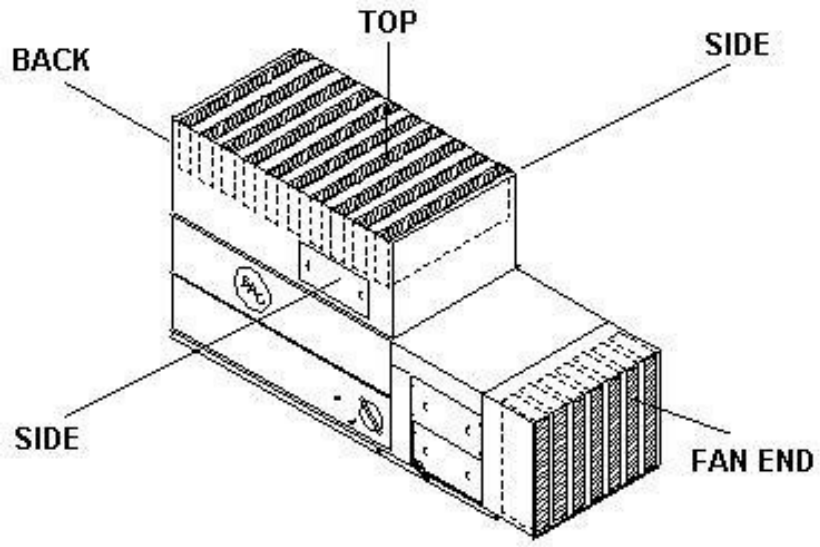
Sound Rating

Sound Rating					
Hz	**Fan End (dB)**	**Back (dB)**	**End1 (dB)**	**End2 (dB)**	**Discharge (dB)**
63	61.0	60.0	59.0	59.0	55.0
125	57.0	53.0	56.0	56.0	52.0
250	47.0	45.0	45.0	45.0	39.0
500	35.0	38.0	35.0	35.0	38.0
1000	36.0	38.0	36.0	36.0	32.0
2000	34.0	31.0	33.0	33.0	27.0
4000	32.0	35.0	29.0	29.0	28.0
8000	26.0	25.0	22.0	22.0	27.0
dB(A)	**45.0**	**44.0**	**44.0**	**44.0**	**41.0**

Input Options	
Model	VTL-E 272-P
Sound Attenuation	HD Intake & Discharge attenuation
Additional ESP (Pa)	170
Fan Motor Size (kW)	1 x 37.0 kW
Approximate Fan Speed	100.0 %
Distance (m)	27.63

Total Sound Power Level	
Octave Band (Hz)	**Total Sound Power Level**
63	97.0
125	93.0
250	83.0
500	74.0
1000	74.0
2000	70.0
4000	69.0
8000	63.0
dB(A)	82.0



Octave band and A-weighted Sound Pressure Levels (SPL) in dB RE 0.0002 Microbar.
Note: Sound data are free field data valid for unit installation without elevation, not taking into account any reflections. Octave band values are shown for indicative purposes only. Values are obtained according to CTI ATC-128 (Test Code for Measurement of Sound From Water-Cooling Towers) for small towers with a 2 dB(A) tolerance.
Thermal performance at design conditions and total standard fan motor power is CTI/ECC certified