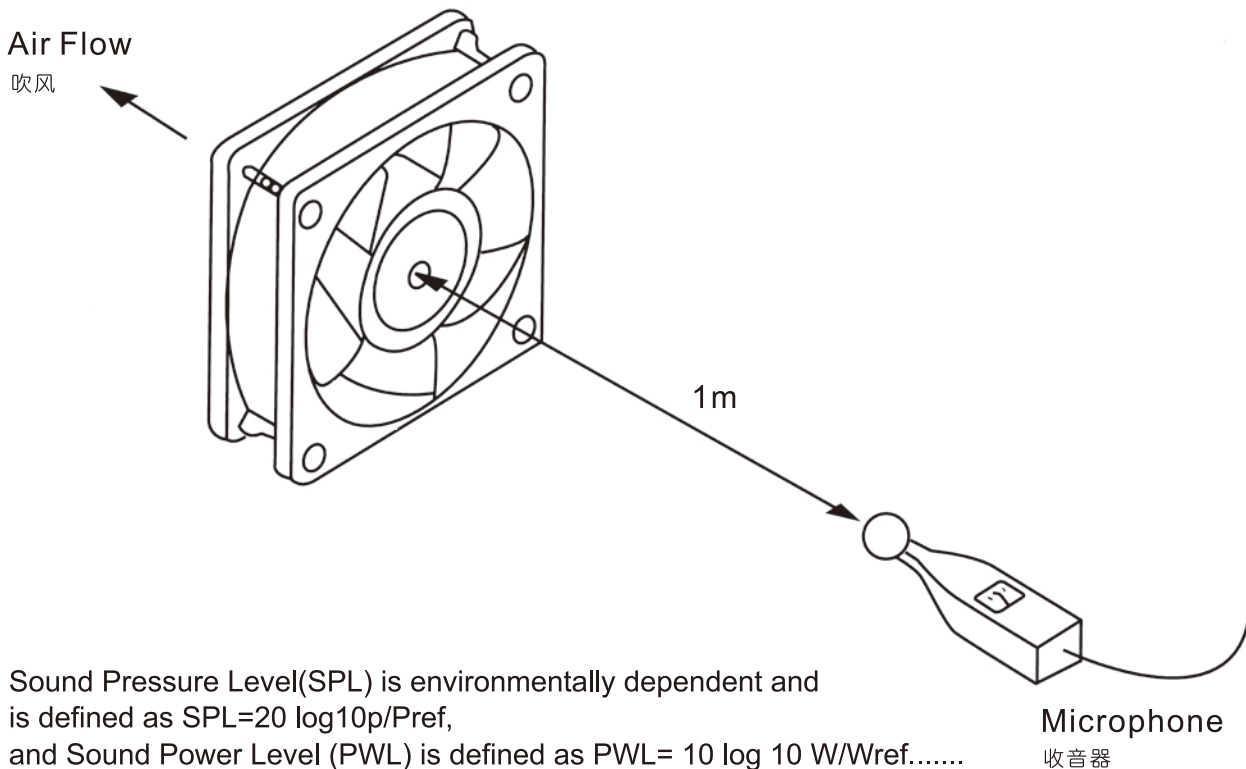


### Noise Level Data 噪音指数

The Measurements of noise levels are made in accordance with CNS 8753 (which is very close to DIN 45635) ,which is being tested in a sound proof chamber with a sound level  $L_p < 15\text{dBA}$ . A elastic mounts supported microphone is placed 1 meter from the center line of the fan during the test.

The fan is running without any resistance to airflow.

测量噪音是根据CNS8753（非常接近DIN45635），在一个 $L_p < 15\text{dBA}$ 的无回响室中测得，置换一个收音器在一个可伸缩性的平台上，距离风扇1米的中心线上来测量，风扇是在一个无阻力的条件下运转。



Sound Pressure Level(SPL) is environmentally dependent and is defined as  $SPL = 20 \log_{10} p / P_{ref}$ ,

and Sound Power Level (PWL) is defined as  $PWL = 10 \log_{10} W / W_{ref}$ .....

音压指数主要是由 $SPL = 20 \log_{10} p / P_{ref}$ 来定义，音量指数主要是由 $PWL = 10 \log_{10} w / W_{ref}$ 来定义

P=Pressure

压力

$P_{ref}$ =A reference pressure

参考压力

W=Acoustic power of the source

音响来源的能量

$W_{ref}$ =An acoustic reference power

参考音响能量

Fan noise data is usually plotted as Sound Pressure Level against the octave frequency bands.

风扇的噪音数据通常是由音压指数对比频率来纠正的