

# Applications guides | Dyson Bladeless Fan for the acoustic components



A signal sound is emitted when user presses the button.

The Air Multiplier is a fan with an unusual characteristic: It doesn't have any visible blades. It appears to be a circular tube mounted on a pedestal. The shallow tube is only a few inches deep.

According to Dyson, the breeze generated by the Air Multiplier is more consistent and steady than one from a standard fan with blades. Since there are no rotating blades, the breeze from the fan doesn't buffet you with short gusts of air.

The air flows through a channel in the pedestal up to the tube, which is hollow. The interior of the tube acts like a ramp. Air flows along the ramp, which curves around and ends in slits in the back of the fan. Then, the air flows along the surface of the inside of the tube and out toward the front of the fan.



Suggested Item	UDB	TDB	DB-E328	DB-E1418
Size (mm)	∅ 12 x 7.5	∅ 12 x 9.5	∅ 13.8 x 7.5	∅ 12 x 8.5
Sound Pressure Level (dBA)	83	85	80	85
Product Type	Magnetic	Magnetic	Piezo	Piezo
Type	Pin	Pin	Pin	Pin



Suggested Item	DBX	DB-E1108	DB-E658	DB-E2338	DB-E478
Size (mm)	∅ 12 x 9	∅ 12.6 x 6.3	∅ 14 x 6.7	∅ 13.8 x 6.4	∅ 16.8 x 7.2
Sound Pressure Level (dBA)	85	80	80	85	80
Product Type	Magnetic	Piezo	Piezo	Piezo	Piezo
Type	Pin	Pin	Pin	Pin	Pin