

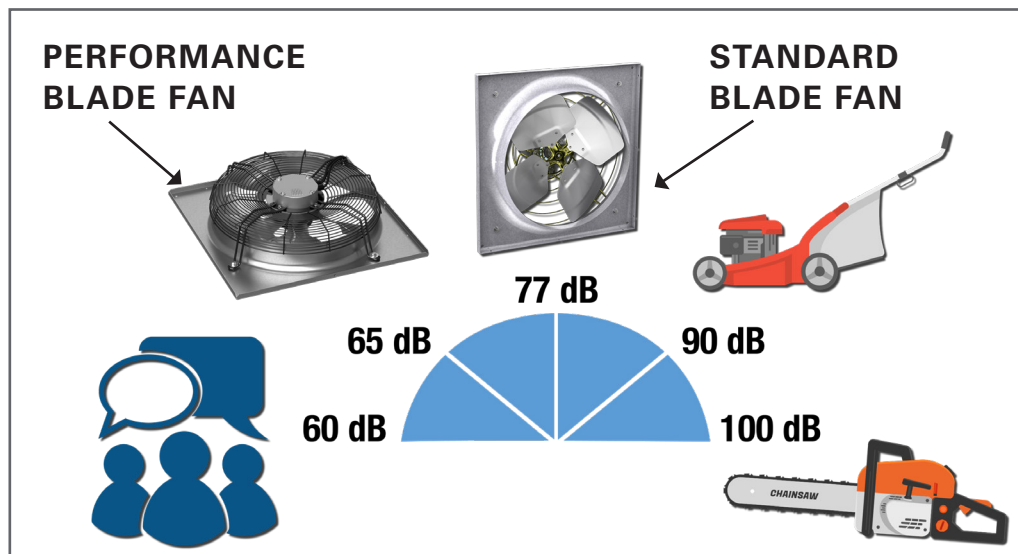
ULTRA-QUIET CONDENSER FANS

STANDARD OFFERING FROM VALENT

All Valent condenser fans have performance blades that cut through the air more quietly than standard paddle fan blades. Pairing this fan blade design with electronically commutated (EC) motors creates a more efficient, far quieter HVAC unit, especially during part load operation.

QUIETER OPERATION

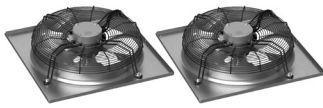
- Valent's performance fan blades are, on average, up to 12 decibels quieter than standard paddle fan blades
- Valent condenser fans operate at low sound levels—making normal conversation possible even when fans are running at full speed



IMPROVED EFFICIENCY AT PART LOAD CONDITIONS

- Valent provides efficient EC condenser fan motors to deliver modulating capability
- EC fans significantly improve performance at part load conditions with high turndown and low power consumption

FULL LOAD OPERATION



1 HP

1 HP

	STAGED	LEAD EC	ALL EC
Power	2 HP	2 HP	2 HP
Sound	78 dB	78 dB	78 dB

Whether using staged (on/off), one EC motor, or all EC motors, there is no sound or performance difference at full load conditions.

PART LOAD OPERATION 50%

STAGED

1 HP

0 HP



ALL EC

1/8 HP

1/8 HP

	STAGED OR LEAD EC FANS	FAN STATUS
Power	1 HP	Fan #1 On
Sound	75 dB	Fan #2 Off
	ALL EC FANS	FAN STATUS
Power	1/4 HP	Fan #1 On at 1/8 HP
Sound	67 dB	Fan #2 On at 1/8 HP

When operating at part load conditions (50% in this example), EC fans reduce power consumption by 75% and sound by 8 decibels.

LEARN MORE

- www.valentair.com
- Watch Valent's low sound condenser fan [video](#).
- [Contact your Valent Representative](#).

