

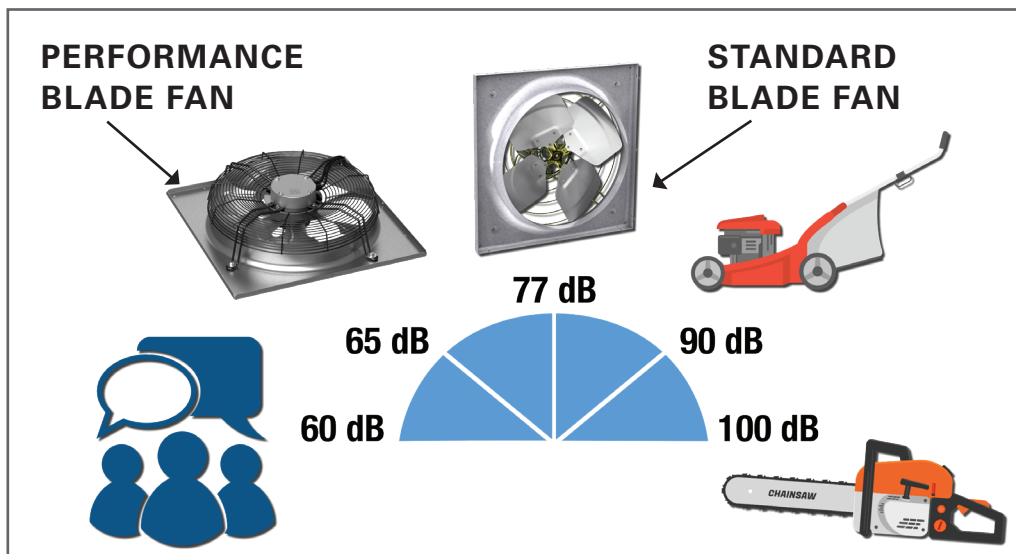
# ULTRA-QUIET CONDENSER FANS

## 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, 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 an efficient EC motor on the lead condenser fan by default and offers EC motors for all fans as an option
- EC fans significantly improve performance at part load conditions with high turndown and low power consumption

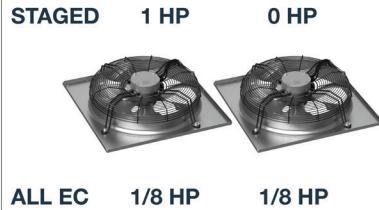
**FULL LOAD OPERATION**



	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 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 ABOUT VALENT'S CONDENSER FANS

- [www.valentair.com](http://www.valentair.com)
- Read about the value of [ultra-quiet condenser fans](#).
- Watch Valent's [video](#).
- [Contact your Valent Representative](#).



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