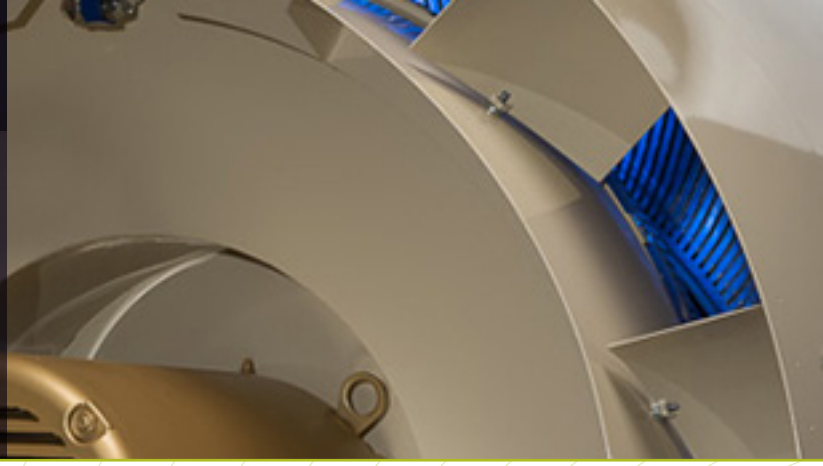
AcoustiFLO Efficiency



Two 10hp fans with a **14% difference** in energy efficiency are **NOT equal**

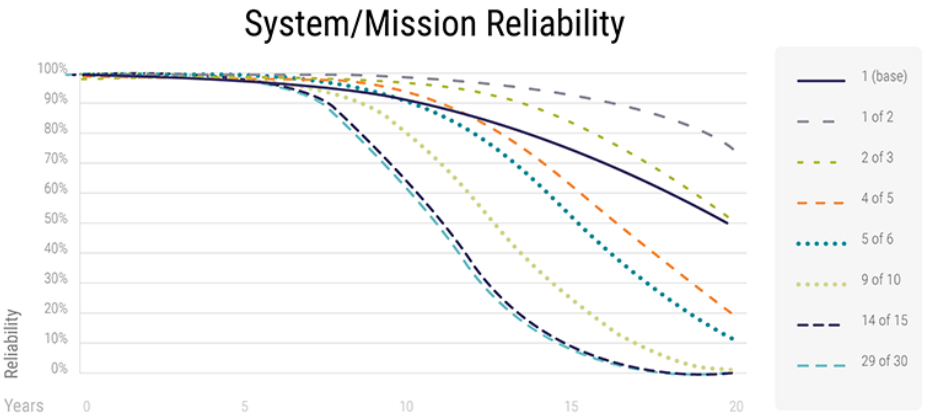
AcoustiFLO's efficiency cannot be matched.

Flexibility in blade count and wheel width combined with infinitely variable speed provides a spectrum of typical HVAC pressure and flow requirements at maximum efficiency.

Every fan company will tell you their fans are quiet and efficient. The question is — can they actually back up their claims? At AcoustiFLO we back up the efficiency claims we make with industry recognized, published, third-party verification.

Utilizing a variable speed motor (VFD) and myriad wheel geometries, AcoustiFLO obtains multiple flows and pressures with identical efficiency — up to 12" of pressure within the industry motor speed limit of 90hz. By changing three variables: fan quantity, type and speed, AcoustiFLO addresses a broad spectrum of high performance AHU applications.

- **10% + higher peak static efficiency than competing plenum fan arrays (AMCA Certified)**
- **Higher fan efficiency = reduced load on refrigeration plant**
- **Up to 12" of pressure below 90hz**
- **Motor efficiency up to 94.1% (NEMA Premium)**
- **Optional exit guide vanes for max. efficiency**
- **Direct drive only to eliminate drive train losses**



	1 (base)	1 of 2	5 of 6	9 of 10	14 of 15
5 Years	98.98%	99.99%	99.90%	99.60%	99.00%
10 Years	92.00%	99.40%	93.00%	82.00%	67.00%

Quantity **improves** system reliability

Quantity **reduces** system reliability

In addition to superior acoustics and efficiency, AcoustiFLO's flexibility and broad capacity range offer improved system reliability combined with 100% n-1 redundancy in many applications by applying the proper number of fans in an array.

AcoustiFLO
Technologically Advanced Air Handling Systems

4699 Nautilus Court, Suite 402, Boulder, CO 80301 **www.acoustiflo.com** (303) 440-5078 **main**