REV IT UP





INTRODUCING THE

REVILUTION







The Hoffman® Revolution, a new line of high speed centrifugal blowers using break-through technologies, is designed as the world's most advanced energy management blower system. The first in this family of blowers, the R-200 and R-300 are capable of flows from 2,500–8,500 CFM and pressures from 3–15 PSIG.

The Revolution takes performance and power savings to new heights of efficiency, reliability and control. Designed, built and tested in the United States, this breakthrough high speed centrifugal blower incorporates an infinite life cycle magnetic bearing driven by a permanent synchronous magnetic motor (PMSM) with a variable frequency drive (VFD). The Revolution features the most advanced and proprietary surge controller in the industry for optimized turndown, longer equipment life, and virtually no downtime.

Uniquely, the Revolution knows the exact position of the rotor and actual surge point, regardless of changing environmental conditions. It precisely controls surge and speed to leverage turndown and maximize power savings.

Benefits include:

- Plug-and-play operation
- 25%–45% energy savings
- Increased reliability
- Minimal maintenance
- Low sound levels
- Small footprint
- Reduced construction and installation costs

EFFICIENCY

Industry leading efficiencies are built into every aspect of the Revolution. By leveraging single stage technology, efficiency is kept at the highest pointat any speed. In addition, with up to 45% power savings, the Revolution pays for itself.

REVOLUTION

PERFORMANCE

Proven active magnetic bearing technology, proprietary surge control, PMSM, HMI touch screen and PLC, current source inverter VFD, all **factory** pre-wired and tested in an ergonomically designed sound enclosure.

EXCELLENCE

Durable, reliable, and efficient, every Hoffman® blower represents the highest quality workmanship. We have leveraged decades of **experience** and ingenuity to develop a customer solution that sets new standards in efficiencies, reliability, and savings.

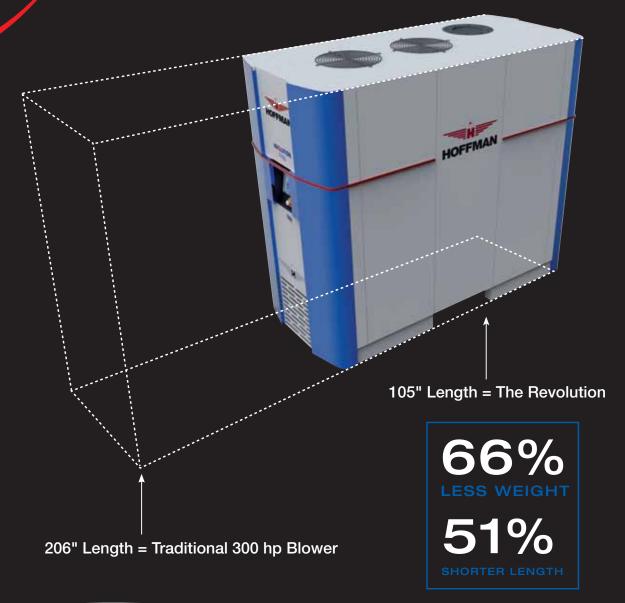
CONTROL

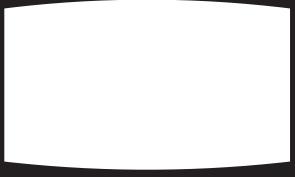
The Revolution maximizes turndown on ever-changing inlet air conditions and demand through its proprietary algorithm. It provides early detection of surge and takes corrective action. This control yields less wasted air, lower annual energy costs, and longer equipment life.





THE REVOLUTIONT A SMALLER FOOTPRINT







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ENERGY STAR PARTNER

CAGI



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Specifications subject to change without notice.



Please recycle after use.