

# **Pharmaceutical Conveying Systems Solutions**



*Experience Proven Results™*

# Pharmaceutical

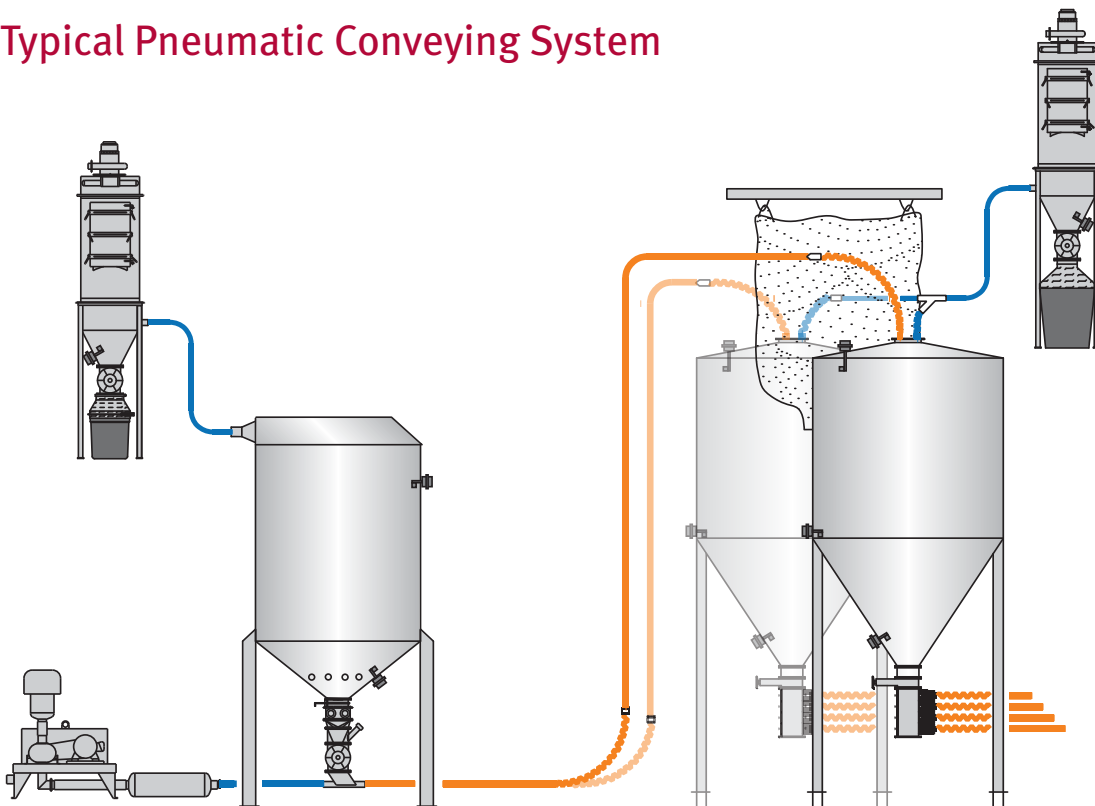
## Material Handling & Conveying



## Applications & Flow Rates

Model	Pressure	Vacuum	0-1000	1000-2000	2000-5000	5000+
IQ-HS	✓	✓			✓	✓
IQ	✓	✓	✓	✓		
SB8000	✓	✓			✓	✓
CycloBlower	✓	✓	✓	✓	✓	✓
HeliFlow	✓	✓	✓	✓	✓	

## Typical Pneumatic Conveying System

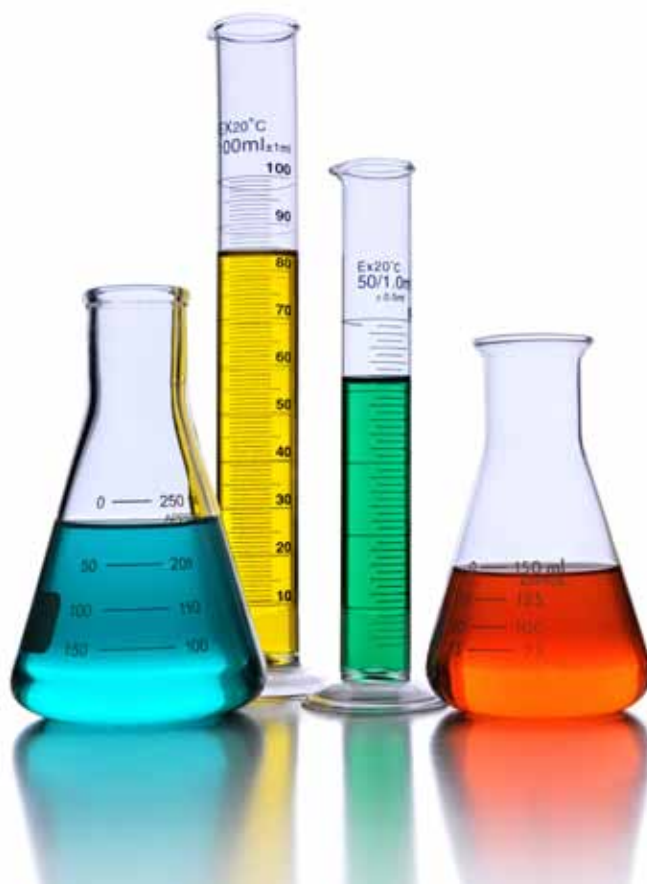
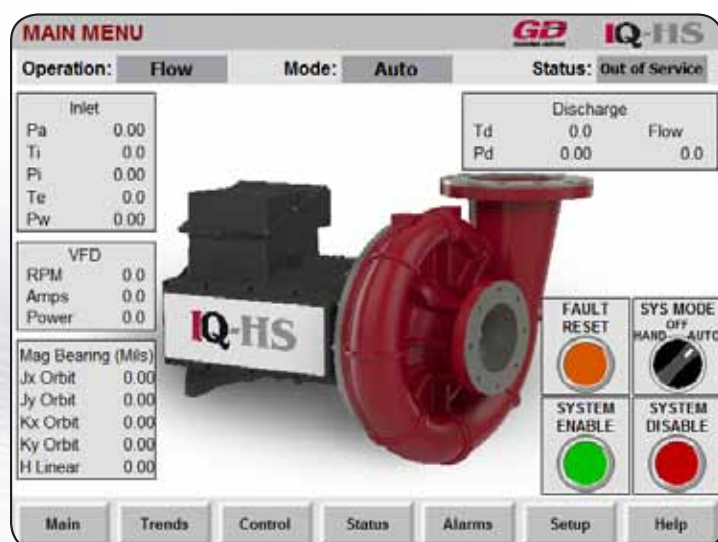


# Pharmaceutical IQ-HS Blower Package

- Permanent magnet motor
- Oil-free design
- Virtually maintenance free
- VFD matches blower performance to system demand
- Flow's to 9000 cfm
- Pressure to 22 psig



- Touch screen controller for easy and fast system checks
- Anti-surge technology keeps the blower package operating safely and efficiently
- PLC-controller is compatible with most plant management systems



# CycloBlower

## The Original Rotary Screw Blower

### CycloBlower Provides

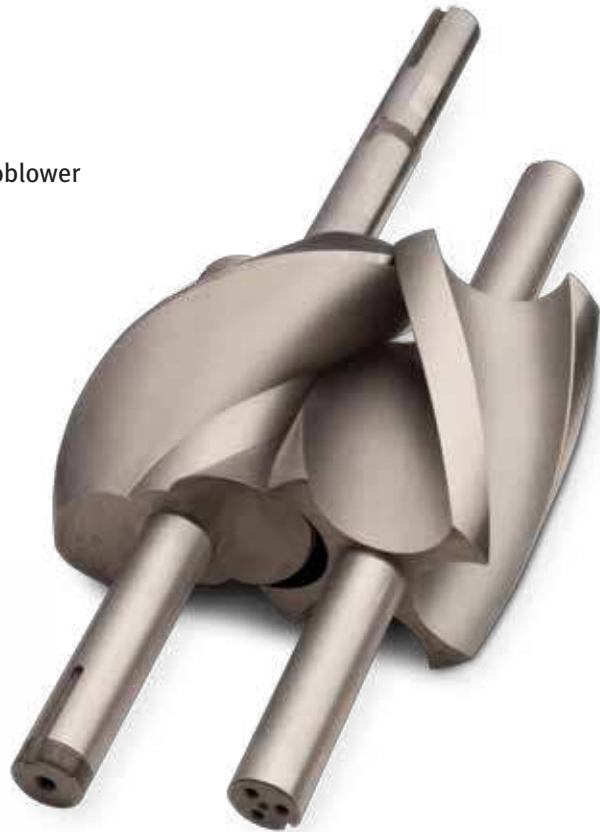
- 5 Gear Sizes
- Pressure to 20 psig
- Vacuum to 24" Hg dry
- Flow to 6700 cfm

### Unique rotary screw rotor profile

- Up to 25% more efficient than straight-lobe blowers
- Virtually pulsation-free air
  - reduce damage on downstream components
- Reduced noise levels
- Field proven for over 30 years

To learn more about the CycloBlower,  
scan the QR code or visit:

<http://www.gardnerdenverproducts.com/blowers/cycloblower>



All CycloBlowers are fitted with proprietary bearing isolator seals. Our unique design developed in partnership with Inpro/Seal offers outstanding performance and longevity.



Inpro Seals



# HeliFlow

Innovative by Design



## HeliFlow Provides

- 3 Gear Sizes
- Pressure to 15 psig
- Vacuum to 17" Hg





## Innovative, Award-Winning Design

- Solid helical tri-lobe rotors
- Specially designed inlet and discharge porting
- Reduced pulsation and noise levels, up to 7 dBa when compared to straight-lobe blowers
- Robust oversize bearings increase overhung load capacity by as much as 65%
- Piston ring seals provide efficient sealing for both air and oil



To learn more about the HeliFlow,  
scan the QR code or visit:

<http://www.gardnerdenverproducts.com/blowers/heliflow>



## IQ Blower Package



- Enclosed package comes standard with AirSmart controller
- Optional VFD can be controlled by dissolved oxygen sensor
- Can communicate with various plant control systems including SCADA
- Robust blower base and enclosure platform promotes plug-and-play installation, no need for a special foundation
- Can be placed inside or outside with or without a shelter



## IQ Provides

- Flows to 1900 cfm
- Pressure to 15 psig
- Vacuum to 17" Hg



To learn more about the IQ Blower Package,  
scan the QR code or visit:  
<http://www.iqblower.com>



## Quality Promise

- Gardner Denver industrial blowers are manufactured under rigid ISO 9001 quality standards
- All models are thoroughly tested to meet the highest performance standards for unequalled service life under the most severe operating conditions



## Genuine Gardner Denver Parts & Lubricants

- Maintain the Gardner Denver performance advantage and reliability with Genuine GD Replacement Parts available through authorized sales and service representatives
- Protect your Gardner Denver investment with AEON® PD, the only lubricant specially formulated for all blowers in any environment

– Now available:

» AEON® PD-XD (extreme duty)

» Designed specifically for high ambient and high discharge temperature applications

– Also available:

» AEON® PD (standard applications)

» AEON® PD-FG (food grade)

## Distribution & Service network

Gardner Denver is proud to offer the most extensive and qualified distributor network available. Local Distributors offer 24-hour service and technical support for all your needs.

# Gardner Denver®

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Gardner Denver, Inc. 1800 Gardner Expressway, Quincy, IL 62305  
[www.contactgd.com/blowers](http://www.contactgd.com/blowers)  
866-428-4890



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