



CUSTOM BLOWER SYSTEM SOLUTIONS

DESIGNED FOR YOUR SPECIFICATIONS, PERFORMANCE, AND BUDGET.

Since 1979, *Universal Blower Pac* has been a national leader in custom blower system solutions for the pneumatic conveying and the water and wastewater marketplace. With the vision to offer clients the ability to customize their system options based on exact needs, *UBP* launched as one of the first independent US-based blower system manufacturers to provide those solutions. This unique customer-centric approach to engineering and servicing is still the foundation of excellence that *UBP* upholds for their clientele today.

UBP handles the entire manufacturing process from engineering design to fabrication in our own facilities. We also provide performance tests, start-up services, maintenance plans, troubleshooting assistance and repair services to help ensure that your equipment is operating at peak efficiency and maximizes the life span of your system.



THE *UBP* DIFFERENCE

UBPstandardFLEX

Energy Efficiency 

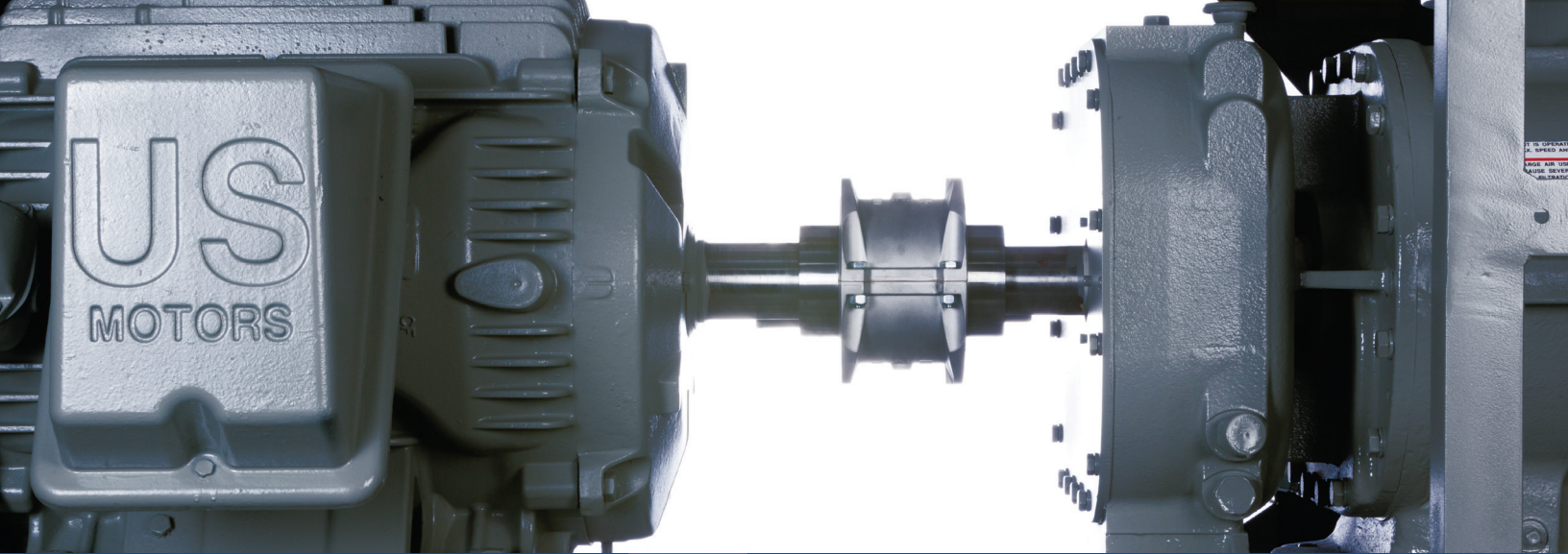
Noise Reduction 

Fast Delivery 

Custom Solutions 

Universal Blower Pac is uniquely equipped to offer our clients unparalleled options for their exact system needs ranging from premium standard products to custom engineered solutions. Our vast product offering and flexible manufacturing approach, *UBPstandardFLEX*, offers clients semi-custom options to our modular systems or helps them understand the full suite of options available for their custom system design. Our staff of sales engineers listen first and then match your needs to the most efficient and affordable solution every time. *UBP* clients receive more options, targeted solutions and quality engineering services that go beyond standard expectations.

YOUR PAIN	OUR SOLUTION
>> Noise	>> FULL AND PARTIAL SOUND ENCLOSURE SOLUTIONS. <i>UBP</i> offers both standard and fully custom sound enclosure designs to fit exact system size and goals for noise attenuation. (see <i>Sound Enclosure Brochure</i>)
>> Complexity of controls	>> UBP MAXControl - SINGLE BLOWER TO COMPLETE SYSTEM INTEGRATION. <i>UBP</i> provides a wide range of control solutions from single blower control to complete control suites that integrate your entire system. MAXControl allows for multiple blower, DO/ORP monitoring, multi-zone aeration control, and SCADA interface, all from a single weather resistant control panel.
>> Dimensional constraints	>> BLOWER SYSTEM DESIGNS RANGE FROM 50 CFM UP TO 30,000 CFM. Engineered to meet the demands of a variety of applications and industrial processes while meeting your existing footprint and process connections.
>> Need higher efficiency	>> CUSTOM AND STANDARD EFFICIENCY DESIGNS AVAILABLE. <i>UBP</i> engineers evaluate and recommend a variety of technologies and drive configurations to maximize efficiency and improve ROI.
>> Corrosive/hazardous environment	>> CORROSION RESISTENT EQUIPMENT AND PAINT OPTIONS. <i>UBP</i> offers a variety of blower systems resistant to severe chemical, corrosive, or classified hazardous environments as well as high grade paint and numerous material options suitable for indoor or outdoor installations.
>> Uncertainty of needs/blower technology	>> LARGEST SELECTION OF BLOWER TECHNOLOGIES, MOTORS & FEATURES offered to meet exact requirements. Most manufacturers provide a single offering as a one-size-fits-all to your application. <i>UBP</i> has multiple blower and compressor technologies available and help you objectively compare possible solutions so you always get the best fit. <i>UBP</i> provides PD, hybrid PD, screw, high efficiency screw, regenerative, and multi-stage centrifugal blowers as well as fans and sliding vane compressors.
>> Quick response from sales and engineering	>> UBP ENGINEERS are integral to the design analysis through servicing of every project. We understand the public and private sector requirements and help you meet deadlines with detailed designs, specifications, and drawings.



DIRECT DRIVE SOLUTIONS

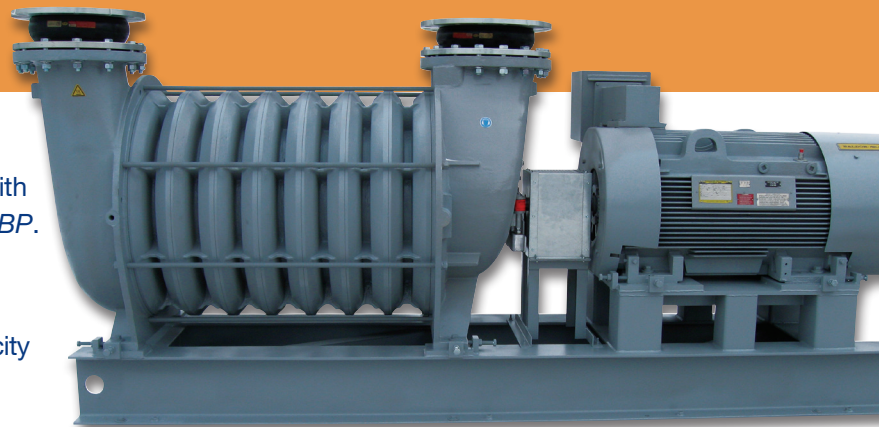
Direct Coupled Drives, in lieu of v-belts, have proven to reduce electric bills by 5% by eliminating belt transmission losses. If utilizing a VFD, a Direct Drive system can easily be designed for immediate energy savings. Other systems can be reviewed for options without the use of a VFD as well. With these additional benefits that Direct Drive offers, it is a great way to save on money, energy and maintenance time:

- >> Energy savings of 5% with no belt friction losses
- >> High torque at low RPM for starting under load
- >> Lessen blower failures
- >> Lower maintenance by never having to retighten or replace belts again
- >> Increase blower bearing life up to 3 times by elimination of lateral loading

MULTISTAGE CENTRIFUGAL SYSTEMS

Universal Blower Pac also offers a full range of options, benefits and service for multistage centrifugal blowers with the quality that you've come to know and expect from *UBP*.

- >> Centrifugal Blower with options up to 26 PSIG & 41,000 SCFM
- >> Premium absorptive silencers sized to maximum capacity
- >> Inlet filter with weather hood
- >> Heavy duty steel base
- >> Check valve with EPDM seal
- >> Flow Control Valve
- >> Rugged flex joints
- >> Custom motor specific to your needs
- >> *UBP MAXControl* Panel
- >> VFD trim with floating set point surge control



- >> Add *ATTENU-PAC* enclosure for silent operation
- >> *UBP Legendary™* enamel paint
- >> Instrumentation package
- >> Surge Control
- >> Direct Driven
- >> Biogas coatings available

DID YOU KNOW?

In the early 1980's, there were only two independent blower system manufacturers in the United States, including *UBP*. The other company no longer manufactures systems today, therefore making *UBP* the oldest, long standing independent US-based blower system manufacturer.

**CALL THE ONLY SALES ENGINEERS IN THE INDUSTRY
TO DISCUSS FLEXIBLE CUSTOMIZATION OPTIONS.**



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