



ProFlow Inc

A Division of Burt Process Equipment

Vacuum Systems

Liquid Ring
Vacuum/Compressor
Packages:

Ejectors

Condensers

Blowers

Hybrid Systems



ProFlow Series CV Vacuum System

*Liquid ring gas re-compression / vacuum system for use with a nutsche filter dryer.
High efficiency, single package for both gas re-compression and vacuum.
All wetted parts Hastelloy® or Teflon®.*

We focus on vacuum systems so you can focus on your process...

Your process results and environmental compliance depend on your vacuum system. Whether it is a filter dryer application in the pharmaceutical industry or a chemical process involving distillations or crystallizations, the key to your success is a properly matched vacuum system. But it is also a hurdle, because designing and building such systems is not your specialty. Fortunately, it is ours. Which is precisely why you should turn to ProFlow when the system must be right.

ProFlow designs, engineers and fabricates - entirely in house - to match your exacting process requirements. From start to finish, you deal with one vendor who has complete control over all aspects of the project. We engineer your system to assure complete VOC and solvent recovery compliance. We understand and meet your documentation needs. We provide the programming needed to keep your system on target during validation, startup and production. Our support services are available around the clock.

In short, ProFlow is your single source, total solution. We focus on vacuum systems so that you can focus on your process - and count on great results.

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Vacuum Systems

Range of Applications:

Filtration
Drying
Solvent recovery
Distillation
Crystallization
Vacuum transfer

Environmentally Sound:

Contamination free
VOC compliance
Recovery of sealing fluid

Compact Design:

Modular construction
Small foot print

Control Options:

PLC
DCS interface
Data acquisition

ISO 9001 Certified



TUV Rheinland
of North America



RvC
Accreditation

ASME Pressure Vessels
U and R Stamps

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ProFlow Series TR Vacuum System

Liquid Ring Total Recirculation Vacuum Systems

The ProFlow Advantage...

Design All systems specified, designed and fabricated to provide an exact "match" between the process side and the utility requirements of your equipment train. Maximize through put and optimize operating conditions by effectively eliminating the vacuum source as a limiting factor.

Reliability Rugged design, field-proven components and all stainless steel or Hastelloy® construction options assure trouble-free operation.

Single source All work - from design through to fabrication and final testing - is done in-house. We control the key elements of quality, scheduling and cost.

Environment In many applications, our systems can use the process fluid as the pump sealing media, which eliminates the typical oil/water solvent mixtures that are difficult (and expensive) to dispose of. Systems help assure compliance with VOC regulations.

Controls Straightforward stand-alone controls, DCS interfacing options and available PLC / Closed Loop Control / Data Acquisition Programs facilitate the high degree of control required for process start up and high quality production runs.

Documentation We provide a complete documentation package to support IQ, OQ and control system validation efforts.

When the System Must Be Right...ProFlow