



TJERNLUND

Modulating Dryer Venting Systems



Increases efficiency and reduces energy by automatically adjusting exhaust based on the number of dryers in use.

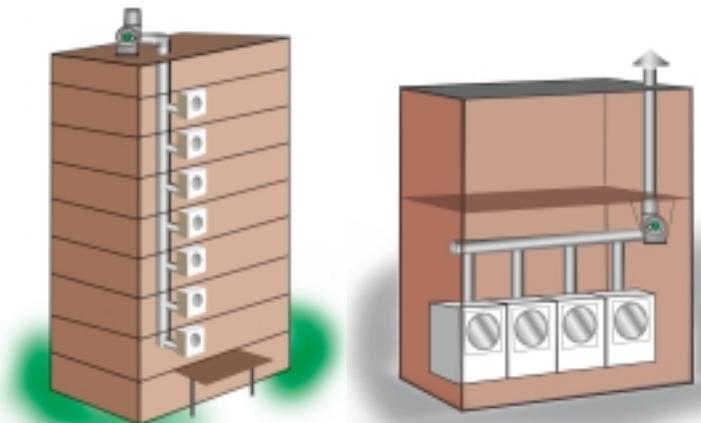
Problem: When commercial clothes dryers are common vented the exhaust from one dryer fights another. Residential high rises have the same problem of properly venting multiple dryers without installing individual exhaust vents.

Solution: CPC-3 controlled inducers and blowers modulate to "perfectly" exhaust common vented clothes dryers, regardless of the number of dryers operating. They automatically compensate for changing pressures, temperatures and winds. Controlled exhaust results in faster drying laundry.



Overcome Exhaust Vent Design Restrictions

Individual vents can be expensive, if not impossible to install in multi-story buildings. Laundry room locations often force exhaust vent lengths to exceed the dryer manufacturers' recommendations. CPC-3 controlled exhaust vents can run hundreds of feet in any direction and vent diameter can be reduced by up to 50%.



Key Components of Tjernlund Specified Systems



CPC-3 Controller

The CPC-3 features two separate channels to monitor and modulate exhaust and/or make-up air. It can interlock up to 16 dryers for automatic operation or be constantly activated to always maintain a slight negative pressure within the exhaust vent.



VSUB-Series Universal Blowers

Universal Blowers stand up to moisture because they are constructed from 316 stainless steel. They feature material handling, backward inclined blower wheels and slide out motor/blower wheel assemblies for easy servicing. TEFC, EPACT rated, arctic duty motors are standard. Universal Blowers can be installed indoors or outdoors to match the physical requirements of each job. Use for exhaust or make-up air. Available in 4 sizes up to 6000 CFM.



VSAD-Series Auto-Draft® Inducers

Auto-Draft Inducers are the Cadillac of outdoor mounted inducers. They feature corrosion proof, Ryton® coated aluminum housings and a patented motor cooling system. They can be mounted vertically on a roof or horizontally on an outside wall. A hinged housing allows for easy access to the blower wheel. Available in 3 sizes up to 3000 CFM. Fixed Speed, FSAD-Series models available up to 2500 CFM. For exhaust use only.

Count on Tjernlund for outstanding technical support

Assistance is available by phone:
800.255.4208, Email: fanmail@tjfans.com
or on the Internet at www.tjernlund.com

A key part of our products is the support that we provide throughout the specification, submittal, installation and operating life.

Typical value added support that we offer includes:

- Application assistance
- Inducer/blower selection calculations for draft and combustion air
- Vent and duct diameter selection
- Control and Interlock wiring diagrams
- System commissioning
- System troubleshooting
- Consistently stocked product and parts



Our Sales Engineers are available M-F 7:30 to 4:30 PM CST.

Tjernlund is represented by over 50 sales offices for local assistance.

Represented by:



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