

Pressurized Drying System PDS-21

Caution! Read These Instructions Before Operation and Save



SPECIFICATIONS

Motor Specification

5.7 Inch/145 mm, 2-Stage Tangential By-Pass

120 VAC

106 inches of Vacuum

Over 2600 LPM

1200 Watts

9.3 amps

Double ball bearing construction

UL Recognized, Category PRGY8

Other Specification

Thermal protection in case of overheating due to blocked intake.

PVC (Vinyl) Tubing 3/8 inch ID X 1/2 inch OD

Hose Barb Adapter 3/8 inch X 1/4 MIP

Available at most "Big Box" Hardware Stores

Cautionary Note:

Atmospheric dust and carbon particles from the motor brushes may emerge through the hoses, leaving a black residue. Please be advised to plug active unused hoses to the plug-off system, minimizing leftover residue, which may discolor light colored carpet.

GENERAL SAFETY WARNINGS

Never restrict airflow to the inlet. This Will cause it to overheat and possibly catch fire.

Ensure that children do not have access to the equipment. Keep small children and animals away from the intake vent. Strong suction may cause severe injury.

Do not block air output with anything other than the supplied plug-off system

Do not introduce liquid or flammable materials into the intake

When using any electrical equipment, basic precautions should always be followed.

Never operate electrical equipment in standing water.

- Never service or clean this unit while it is plugged in.
- Never sit or stand on the unit or use as a shelf.
- Never intend for outdoor use
- Do not disconnect the unit by pulling on the cord. Grasp the plug firmly and pull it out of the wall socket or power receptacle.
- Do not operate the unit with a cut or frayed power cord.
- To reduce the risk of fire and electric shock, do not use the air mover with any solid-state speed control device.
- Always use a grounded outlet.
- Do not use when you are tired, distracted or under the influence of drugs, alcohol or medication.
- * Do not handle plug with wet hands.
- Do not leave device plugged when not in use
- Store this equipment indoors; do not expose to harsh weather.
- Never intend for outdoor use.
- Use only Manufacturer's recommended attachments.
- Do not pull or carry by the cord, use the cord as a handle, close doors on the cord, or pull the cord around sharp edges.
- Do not run over cord.
- Always keep cord and housing away from heated.
- Always turn the unit off before unplugging.
- Use only as described in this manual.
- Do not place mouth or other body parts Over the intake holes.

OPERATING INSTRUCTIONS

1. Check the PDS-21 for any obstructions of the Intake holes before plugging in the unit or operation of the unit.
2. Set the machine to desired position for operation.
3. Cut tubing to the desired length and attach to the barb fittings.
4. Drill a ½ inch hole in the base of the wall to be dried, and insert tubing.
5. Plug the power cord into a GFCI outlet.
Do not use an extension cord in conjunction with the Standard Power Cord

TROUBLESHOOTING		
SYMPTOM	PROBLEM	SOLUTION
Unit will not turn on	Not plugged in	Plug machine in proper outlet
	Switch is worn	Replace Switch
	Tripped circuit breaker	Reset Breaker
	Short in power cord	Replace power cord or replace cord end
PDS-21 is making strange noises	Motor bearing is worn	Replace motor
Motor runs but no airflow detected	Intake vent is obstructed	Turn off PDS-21. Remove obstruction. Restart motor
Motor stops running	Intake vent is obstructed	Remove obstruction. Allow motor to cool. Motor will start automatically.
	Motor brushed worn	Motor brushes are normal to cool. Motor will start automatically.

WARRANTOR:

VIKING EQUIPMENT COMPANY
240 CLARY AVE
SAN GABRIEL, CA 91776
TOLL FREE: (800) 252-5201

WARRANTY AND LIMITATION OF LIABILITY

Viking Equipment Co., Inc. (the "Company") warrants to the first end-user purchaser that the equipment and parts thereof, when shipped, will be free from defects in materials and the Company's workmanship. If any such defects exist or later appear, the Company shall provide prompt remedial action, as stated herein, to correct defect. The Company shall have no obligation or liability under this Warranty unless the customer has obtained a Return Material Authorization (RMA). To get an RMA you must present proof of purchase, by the use of the original sales receipt, Internet Product Registration, or other reasonable and reliable means. To obtain an RMA, call Viking Equipment Company at (800) 252-5201 and ask for the Customer Service Department, which will then issue an RMA number and will arrange for repair or replacement, at our option, according to the following schedule:

This warranty covers Viking Pressurized Drying Systems (PDS-21).
Year One-100% labor and parts (all components other than those noted below).
Year Two-Labor only
Year Three through Five-Only materials and workmanship of the housing are covered.

Motor Brushes, PVC Hoses, Brass Barb fittings, gaskets and other wear items are not warranted. Warranty service shall only be performed by a service provider authorized by the **company**.

Freight to **Company** is the responsibility of the end-user. The end-user is responsible for normal care and proper return packaging.

Equipment or Parts there of manufactured by other are warranted hereunder only to the extent of such manufacturer's warranty to the **Company**.

Since after purchase, the Equipment and Parts thereof are under the sole control of the Purchaser, this warranty is subject to, and shall be applicable only if, the following conditions are met:

- a. The **Company's** instructions as to usage, operation and maintenance have been followed;
- b. The Equipment and Parts thereof, have been used under normal indoor operation conditions.
- c. The Equipment and Parts thereof have been correctly operated and maintained and have not been damaged by misuse, neglect, or accident.
- d. The purchaser ha not attempted or performed corrective work or change on the Equipment and/or parts thereof.
- e. The Company should received notice (RMA Requested) of any defect **no later than thirty (30)days** after the Purchaser first had knowledge of the same.

This warranty is in lieu of any and all other warranties, express, implied or statutory including, without limitation, warranties of merchantability and fitness for a particular purpose or use.

LIMITATION OF LIABILITY

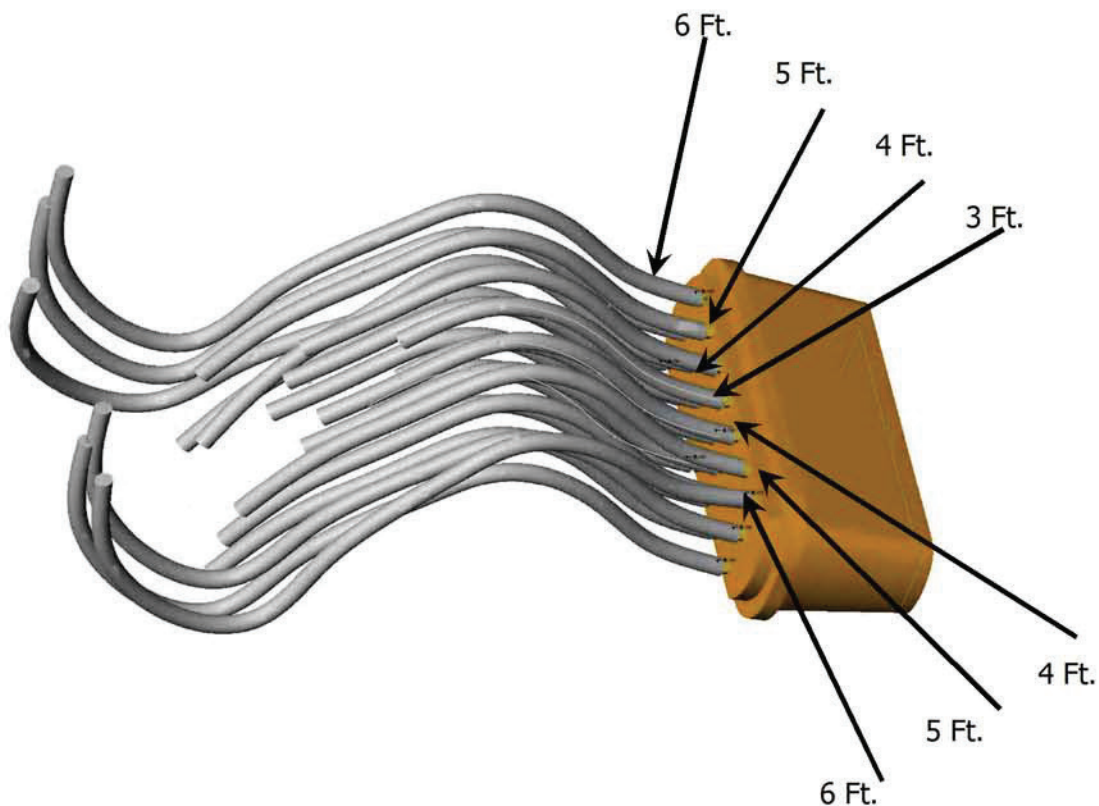
THE COMPANY SHALL HAVE NO LIABILITY WHATSOEVER IN ANY EVENT FOR PAYMENT OF ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING, WITHOUT LIMITATION, WATER DAMAGE (THE END-USER SHOULD TAKE PRECAUTIONS AGAINST SAME), LOST PROFITS, DELAY, OR LOSS OF USE, OR DAMAGES FOR INQUIRY TO ANY PERSON OR PROPERTY. BY ACCEPTING THE EQUIPMENT AND/OR PARTS THEREOF, THE FIRST END-USER PRUCHSER OR SUBSEQUENT USWR AGREES THAT THE COMPANY SHALL NOT BE LIABLE FOR INDEMNIFICATION OR CONTRIBUTION (IN WHOLE OR IN PART) EITHER EXPRESSLY OR BY IMPLICATION. IF OR ANY REASON ANY OF THE FOREGOING PROVSIONS SHALL BE INEFFECTIVE, THE COMPANY'S LIABILITY FOR DAMAGES ARISING OUT OF ITS MANUFACTURE OR SALE OF ITS EQUIPMENT OR PARTS, OR USE THEREOF, WHETHER SUCH LIABILITY IS BASED ON WARRANTY, CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE SHALL NOT IN ANY EVENT EXCEED THE FULL PURCHASE PRICE OF SUCH EQUIPMENT AND PARTS THEREOF.

Any action against the Company based upon any liability or obligation arising from or under any law applicable to the sale of its Equipment or Parts, or the use there of, must be commenced within six months after the cause of such action arises.





Recommendations for using PDS-21



In order to achieve the best air pressure for wall drying, Viking Equipment recommends that the $\frac{1}{2}$ x $\frac{3}{8}$ inch Vinyl hoses be cut as shown above. Lengthening hoses will result in a loss of pressure unless pressure is equalized by capping-off one or more hoses to compensate. Hose caps are incorporated into the front of the PDS-21, below the Viking logo.

WARNING

**Read Operator's Instructions and Warning
before using this Equipment.**

**Warning: do not allow anything to cover
intake vent.**

**Overheating the motor could damage the
PDS-21.**

**Caution: Do not block air output with anything
other than the supplied plug-off system. This
will cause an overpressure condition and may
damage PDS-21.**

PDS-21

PLUG-OFF SYSTEM



NOTE* END HOSE THAT IS NOT PLUGGED INTO A WALL HOLE MAY BE PLUGGED BACK INTO THE PLUG-OFF SYSTEM ON THE UNIT INCREASING THE AIR FLOW TO THE OTHER HOSES.

VIKINGS
EQUIPMENT

a division of 
XPOWER