

Ventilation Solutions

Laundries



Switch to the real deal.

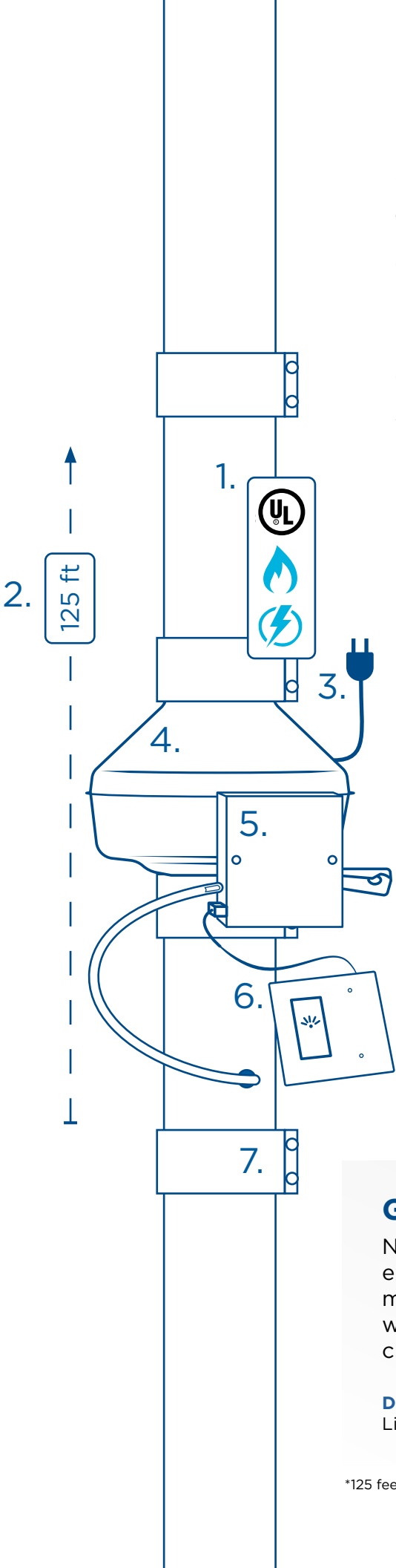
Adhering to UL705* designed exclusively for dryer exhaust.



CERTIFIED BY UL TO THE DEDPV REQUIREMENTS OF UL705*

DEDPV-705
A.K.A. The Real Deal

*2018 International Residential Code M11502.4.4 Domestic dryer exhaust duct power ventilators shall conform to UL 705 for use in dryer exhaust duct systems (DEDPV). The dryer exhaust duct power ventilator shall be installed in accordance with the manufacturer's instructions.



What does a UL-listed dryer application look like?

The UL705 is a unique UL listing that was designed exclusively for dryer exhaust, not a blanket certification for any old fan. Not only are Dryer Exhaust Duct Power Ventilators (DEDPVs) designed specifically to be part of a dryer exhaust system, they are also referenced in the latest IRC -International Residential Code.

DEDPV-705 See Fantech's response to the UL-705

- 1. UL-listed for both **Gas & Electric** dryer applications.
- 2. Supports lengths of duct up to 125 feet.*
- 3. 5 foot power cord/120v
- 4. All metal housing.
- 5. Automatically energizes when the dryer begins to operate and runs a 5 minute cool down cycle after the dryer completes its run cycle; No user interaction necessary!
- 6. Indicator Panel: Provides confidence to the occupants that the system is working properly and also signals when attention is necessary.
- 7. 4 duct clamps for easy install and maintenance.

Go the extra mile

No matter how you're mitigating dryer exhaust, we recommend going the extra mile by installing a secondary lint trap which extends the maintenance cycle of cleaning out the exhaust duct.

DBLT 4W
Lint Trap

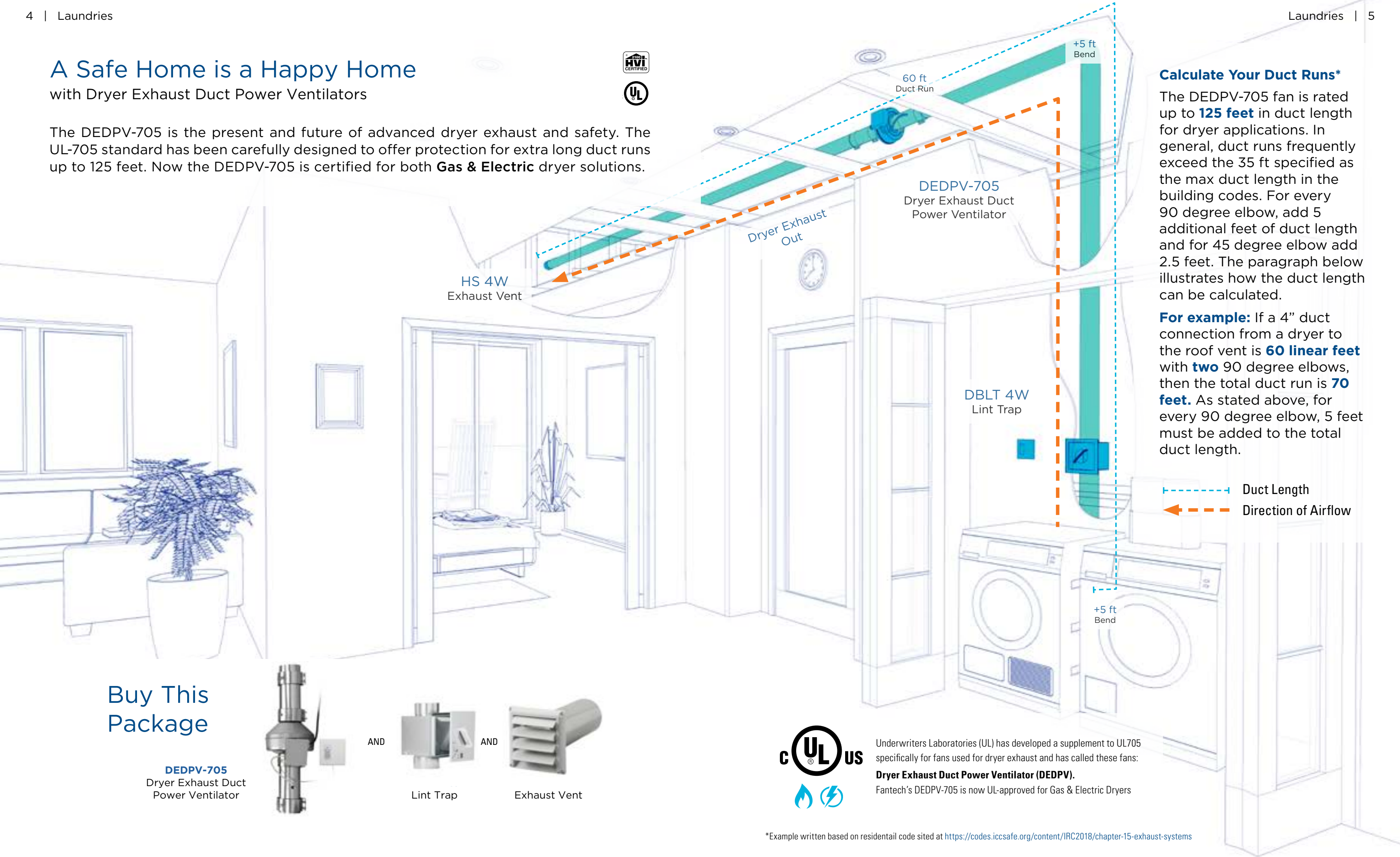


*125 feet measurement based on air pressure at sea-level elevation.

A Safe Home is a Happy Home

with Dryer Exhaust Duct Power Ventilators

The DEDPV-705 is the present and future of advanced dryer exhaust and safety. The UL-705 standard has been carefully designed to offer protection for extra long duct runs up to 125 feet. Now the DEDPV-705 is certified for both **Gas & Electric** dryer solutions.



Calculate Your Duct Runs*

The DEDPV-705 fan is rated up to **125 feet** in duct length for dryer applications. In general, duct runs frequently exceed the 35 ft specified as the max duct length in the building codes. For every 90 degree elbow, add 5 additional feet of duct length and for 45 degree elbow add 2.5 feet. The paragraph below illustrates how the duct length can be calculated.

For example: If a 4" duct connection from a dryer to the roof vent is **60 linear feet** with **two** 90 degree elbows, then the total duct run is **70 feet**. As stated above, for every 90 degree elbow, 5 feet must be added to the total duct length.

--- Duct Length
--- Direction of Airflow

Buy This Package

DEDPV-705
Dryer Exhaust Duct
Power Ventilator



AND

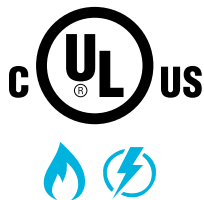


Lint Trap

AND



Exhaust Vent



Underwriters Laboratories (UL) has developed a supplement to UL705 specifically for fans used for dryer exhaust and has called these fans: **Dryer Exhaust Duct Power Ventilator (DEDPV)**. Fantech's DEDPV-705 is now UL-approved for Gas & Electric Dryers

*Example written based on residential code sited at <https://codes.iccsafe.org/content/IRC2018/chapter-15-exhaust-systems>

DBF Series

Duct Booster Fans

These inline duct boosting fans are pressure activated and suitable for longer duct runs that need an extra boost to get air to its destination.



— Better —

DBF 4XLT 
Duct Booster fan with pressure switch, power cord and indicator panel
125' duct length
9 lbs



DBF 4XL

Duct Booster fan with pressure switch and power cord
125' duct length
9 lbs

— Better —



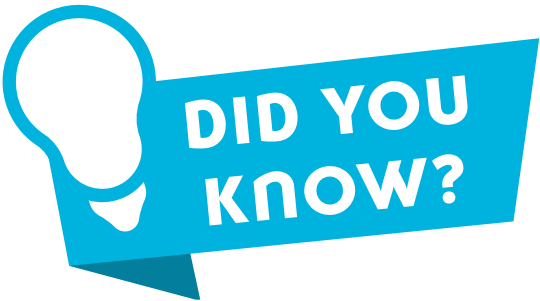
— Good —

DBF 110 
Duct Booster fan with pressure switch
108' duct length
9 lbs

Go the extra mile

No matter how you're mitigating dryer exhaust, we recommend going the extra mile by installing a secondary lint trap which extends the maintenance cycle of cleaning out the exhaust duct.

DBLT 4W
Lint Trap



..that according to the National Fire Prevention Association (NFPA), the leading cause of home fires is from lint ignition in the dryer or dryer duct?

A DEDPV-705 or Dryer Exhaust Fan from Fantech® maintains an airflow that keeps lint suspended while exhausting it to the outside, thereby reducing the risk of fire.

..that Spontaneous Combustion can occur in the dryer after the dryer stops due to high heat and no airflow?

The DEDPV-705 continues to operate for a short period of time after the dryer stops which cools the clothes and lessens the risk of spontaneous combustion.

..that dryers don't have an indicator to tell if there is a build up of lint in the duct?

A safety feature of the DBF4XLT and DEDPV-705 is a visual indicator panel. This provides the user with a visual indication of correct operation or indication of a pressure increase due to a blocked duct. This advanced warning allows the user to take action to clean the dryer exhaust duct.

..that most dryers are limited to a duct run of 35'?

Using the DEDPV-705, or Dryer Exhaust Duct Power Ventilators, can increase the duct run up to 125 feet, as the fan relieves the pressure in the extended duct allowing the dryer to work efficiently.



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