

Tamarack Technologies Cape Backdraft Damper

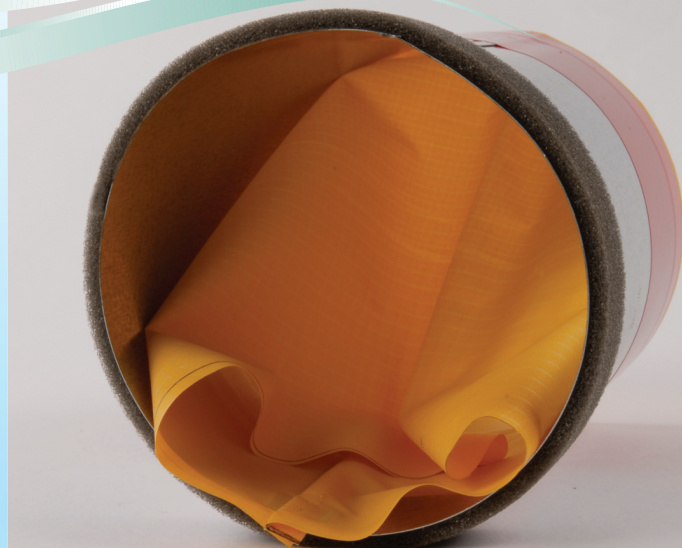
Goes with the

FLOW!

Cape Backdraft Damper

- Silent
- Economical
- Energy Efficient
- Easy Installation
- Innovative Design
- No Mechanical Parts
- Assembled in the USA
- Rated to 160°F/71°C

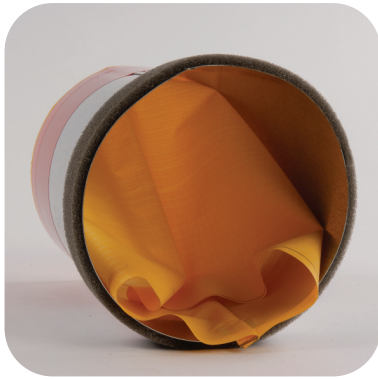
The Cape Backdraft Damper is the ultimate one way air flow valve designed to overcome the inefficiencies and limitations of traditional gravity or butterfly dampers.



Tamarack's **Cape Backdraft Damper** features a specially formulated fabric sleeve attached to an outer metal sleeve that enables maximum air flow in the desired direction and closes with minimal pressure in the opposite direction.



320 Main Street • Buzzards Bay, MA 02532
508-759-4660 / 800-222-5932 / Fax 508-759-6001



Cape Backdraft Damper

MAXIMUM AIR FLOW!

The Tamarack Cape Backdraft Damper is a non-mechanical in-line one way air flow valve that requires minimal pressure to open or close. Tested to UL 723 and NFPA 255 standards. This non-restrictive damper fits inside the duct. 4", 5", 6", 7" & 8" sizes available.

SPECIFICATIONS

Nominal Duct Size (CBD Order Size)	Actual I.D.	Length
4"	3-7/8"	5-1/8"
5"	4-7/8"	6-1/2"
6"	5-7/8"	7-5/8"
7"	6-7/8"	9-1/2"
8"	7-7/8"	11"

The Cape Backdraft Damper was tested against two other dampers at moderate airflow (airflow typical for a residential ventilation application). The fan ran using open ductwork to set the desired airflow. Each type of damper was then inserted into the air stream. The airflow was measured and the leakage rates at various pressures recorded for comparison in the charts on the right and below.

CFM AIRFLOW COMPARISONS

Product	CFM
6" duct, 4' length	80
Butterfly Damper	17
Gravity Damper	30
Cape Backdraft Damper	77

CFM INCHES/WG LEAKAGE

Product	-.10" w.g.	-.080" w.g.	-.052" w.g.	-.036" w.g.	-.018" w.g.
Butterfly Damper	1.6 CFM	2.0	1.6	1.2	1.0
Gravity Damper	3.0	4.0	5.0	5.0	5.0
Cape Backdraft Damper	0.4	2.0	2.0	2.0	2.0



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