Cape Backdraft Damper

TAMARACK Ventilation
774-678-4433

FEATURES

- Silent
- Economical
- Energy efficient
- Innovative design
- Easy installation
- No mechanical parts
- Made in the USA
- Rated to 160º F/ 71º C

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.



Tested to UL 723 and NFPA 255 standards. This non-restrictive damper fits inside the duct. 4", 6", & 8" sizes available.

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 leakage rates at various pressures recorded for comparison in the charts on the right and below.

Nominal Duct Size (CBD Order Size)	Metal Sleeve O.D.	Length
4"	3-7/8"	5-1/8"
6"	5-7/8"	7-5/8"
8"	7-7/8"	11"

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

Product	-.10" w.g.	-.080" w.g.	-.52" 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

ASSEMBLED IN USA