

## QUANTUM SERIES INLINE FANS

[www.lifebreath.com](http://www.lifebreath.com)

### INDEX

DRYER EXHAUST KITS.....	12-3
GRILLES AND ELBOWS.....	12-4
QUANTUM SERIES INLINE FANS.....	12-2 – 12-3
QUANTUM VENTILATION SYSTEM .....	12-3
ACCESSORIES.....	12-4
WEATHERHOODS AND FLEXIBLE DUCTING.....	12-4

ECCO is proud to be a member of:



**ASHRAE**

American Society of  
Heating, Refrigerating, and  
Air-Conditioning Engineers, Inc.  
[www.ashrae.org](http://www.ashrae.org)



**HRAI**

Heating, Refrigeration  
and Air Conditioning  
Institute of Canada  
[www.hrai.ca](http://www.hrai.ca)



**HARDI**

Heating, Airconditioning &  
Refrigeration Distributors  
International  
[www.hardinet.org](http://www.hardinet.org)



**SMACNA**

Sheet Metal and Air  
Conditioning Contractors'  
National Association  
[www.smacna.org](http://www.smacna.org)



**SPIDA**

Spiral Duct  
Manufacturers  
Association  
[www.spida.org](http://www.spida.org)

# QUANTUM SERIES INLINE FANS

www.lifebreath.com

## QUANTUM SERIES INLINE FANS

### QUANTUM VENTILATION SYSTEM (QVS)

The Quantum Ventilation System (QVS) is a complete exhaust system for your home or office. The system is a cost effective alternative to noisy surface mount fans. QVS is capable of multi point exhaust to ventilate your entire home with easy to use controls and dehumidistat. Your home can now be ventilated using a single, quiet, efficient fan that is upgradable at any time to a heat recovery ventilator (HRV) or energy recovery ventilator (ERV).



### QUANTUM METAL FANS

Quantum Metal Fans are ideal for high airflow applications. The mixed flow impeller combined with a tough epoxy coating makes our 8, 10 and 12 inch fans the most durable and competitive on the market. The space saving design, two-speed motors and quick fit mounting bracket provides the best solution for residential and commercial ventilation needs.

### VENTILATION GUIDELINES

For bathrooms up to 100 square feet in area, HVI recommends that an exhaust fan provide 1 CFM per square foot (approximately eight air changes per hour) to properly ventilate the bathroom.

Example:

Bathroom is 8' x 11' with 8' ceilings.

Multiply 8 x 11 = 88 sq. ft.

At 1 CFM per sq. ft., the minimum recommendation is a fan rated at 88 CFM.

For bathrooms above 100 square feet in area, HVI recommends a ventilation rate based on the number and type of fixtures present, according to the following table:

Toilet	50 CFM
Shower	50 CFM
Bath Tub	50 CFM
Jetted Tub	100 CFM

**NOTE:** Enclosed toilet rooms must have an operable window or a fan for ventilation.

Example:

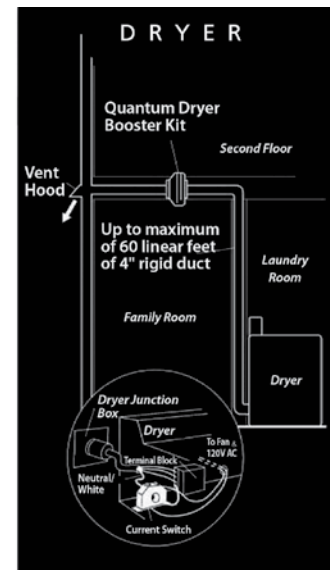
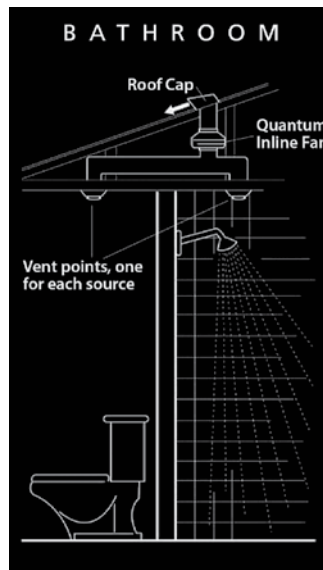
Bathroom contains:

1 Toilet + 1 Shower + 1 Whirlpool tub = 200 CFM

Bathroom contains:

1 Toilet + 1 Shower + 1 tub = 150 CFM

We recommend the use of insulated flex duct. Always check local building codes for requirements in your area.



SIZE	MODEL	CFM VS STATIC PRESSURE (inches w.g.)			
		0.2"	0.5"	.75"	1.0"
4"	99-NBQ-125-4	120	82	38	—
4"/5"/6"	99-NBQ-COMBI	180/240/270	152/195/220	127/160/175	99/120/135
6"	99-NBQ-325-6	350	300	265	230
8"*	99-NBQ-440-8	440/370	372/295	285/215	192/107
10"*	99-NBQ-700-10	690/430	606/295	520/219	405/170
12"*	99-NBQ-950-12	950/600	770/285	600/190	420/130

\*Two speed fans

(cont'd on next page)

– E.&O.E. – May not be in stock at all branches, if so please allow 10 days for delivery. –  
– All Prices F.O.B. Our Warehouse – Subject to Change Without Notice – All Taxes Extra –

## QUANTUM SERIES INLINE FANS

www.lifebreath.com

### QUANTUM SERIES INLINE FANS (cont'd)

Engineered Thermoplastic Resin for wet locations/outdoor use. All fans are commercial and residential certified. Temperature rated for -40°F to 140°F, 120 Volt / 60Hz. Includes multi-position metal bracket.

STOCK #	MODEL	DESCRIPTION	AIR FLOW @ 0.2" WC (CFM)	PRICE
803350	99-NBQ-125-4	4" Dedicated Plastic	120	\$275.00
803354	99-NBQ-COMBI-4/5/6	Combi Fan – Plastic Field Selectable 4" or 5" or 6" duct Connection Collars Included	180 to 270	291.00
803358	99-NBQ-325-6	6" Dedicated Plastic	350	327.00
803362	99-NBQ-440-8	8" Prepainted Galvanized Steel	350 – 440	533.00
803374	99-NBQ-700-10	10" Prepainted Galvanized Steel	430 – 690	598.00
803378	99-NBQ-950-12	12" Prepainted Galvanized Steel	600 – 950	743.00



99-NBQ-125-4



99-NBQ-COMBI –  
4/5/6



99-NBQ-325-6

**NOTE:** For Technical Data, refer to [www.lifebreath.com](http://www.lifebreath.com)

Centrifugal Inline Fans (Plastic) engineered thermoplastic resin for wet locations/outdoor use. All fans are commercial and residential certified and temperature rated for -40°F to 140°F, 120 Volt/ 60Hz.

### DRYER EXHAUST KITS

STOCK #	MODEL	DESCRIPTION	AIR FLOW @ 0.2" WC (CFM)	PRICE
803388	99-DBK-4	Kit includes: – 4" plastic fan – Mounting Bracket – Current Switch	120	\$404.00
C803345	99-CSS	Current Switch — Superior to Differential Pressure Switches — 120 VAC @ 2.5 Amps Max	–	P.O.A.



99-CSS

### QUANTUM VENTILATION SYSTEM

The QVS is a revolutionary ventilation system for your home or office. The QVS replaces all existing exhaust fans with a quiet, efficient, single source fan. QVS is unique in that it can be upgraded at any time to a balanced Heat Recovery Ventilator (HRV) or Energy Recovery Ventilator (ERV). See LIFE BREATH residential operation and installation manual. The manual is available at [www.lifebreath.com](http://www.lifebreath.com).

STOCK #	MODEL	DESCRIPTION	PRICE
803348	99-QVSKIT	Includes: – NBQ-Combi-456 Fan – E-Box – 99-BC01 Dehumidistat – Two 99-DET01 Digital Electronic Timers – Fan Mounting Bracket	\$679.00
C803345	99-QVSKITPLUS	Includes: – NBQ-COMBI-456 Fan – E-Box – 99-DX01 – Two 99-DET01 Digital Electronic Timers – Fan Mounting Bracket	P.O.A.
C803345	99-QVSKIT-001	Remote E-Box for QVSKIT only	P.O.A.



99-QVSKIT

– E.&O.E. – May not be in stock at all branches, if so please allow 10 days for delivery. –  
– All Prices F.O.B. Our Warehouse – Subject to Change Without Notice – All Taxes Extra –

## QUANTUM SERIES INLINE FANS

www.lifebreath.com

### QUANTUM VENTILATION SYSTEM (cont'd)

#### ACCESSORIES

STOCK #	MODEL	DESCRIPTION	PRICE
803474	99-NC4	4" Stabilizing Mounting Clamps	\$36.00
803475	99-NC5	5" Stabilizing Mounting Clamps	44.00
803476	99-NC6	6" Stabilizing Mounting Clamps	49.00
C803345	99-NC8	8" Stabilizing Mounting Clamps	P.O.A.
C803345	99-NC10	10" Stabilizing Mounting Clamps	P.O.A.
C803345	99-NC12	12" Stabilizing Mounting Clamps	P.O.A.
803464	99-RSK-4	4" Spring Loaded Backdraft Dampers	50.00
803465	99-RSK-5	5" Spring Loaded Backdraft Dampers	58.00
803466	99-RSK-6	6" Spring Loaded Backdraft Dampers	66.00
803468	99-RSK-8	8" Spring Loaded Backdraft Dampers	99.00
803469	99-RSK-10	10" Spring Loaded Backdraft Dampers	113.00
803470	99-RSK-12	12" Spring Loaded Backdraft Dampers	161.00



Mounting  
Clamp



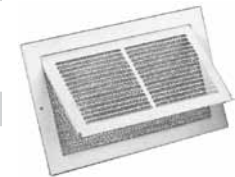
Backdraft  
Damper

#### GRILLES AND ELBOWS

STOCK #	MODEL	DESCRIPTION	PRICE
803134	99-140	4" dia. Techgrille	\$26.00
803135	99-141	5" dia. Techgrille	31.00
803136	99-142	6" dia. Techgrille	35.00
803137	99-148	8" dia. Techgrille	50.00
803082	10-002	6" x 10" Kitchen Grille Includes washable grease filter to meet building code requirements	47.00
805116	10-002-2	Replacement Grease Filter for 10-002	14.00



Techgrille



10-002

#### WEATHERHOODS AND FLEXIBLE DUCTING

STOCK #	MODEL	DESCRIPTION	PRICE/SET (2)
803089	99-185	<ul style="list-style-type: none"> <li>• 5" dia. weatherhood for side wall termination</li> <li>• 12" galvanized wall sleeve</li> <li>• White plastic duct collar</li> <li>• Set of two</li> </ul>	\$90.00
803091	99-186	<ul style="list-style-type: none"> <li>• 6" dia. weatherhood for side wall termination</li> <li>• 12" galvanized wall sleeve</li> <li>• White plastic duct collar</li> <li>• Set of two</li> </ul>	94.00
803092	99-187	<ul style="list-style-type: none"> <li>• 7" dia. weatherhood for side wall termination</li> <li>• 12" galvanized wall sleeve</li> <li>• White plastic duct collar</li> <li>• Set of two</li> </ul>	98.00



99-185-S/186-S/  
187-S

- E.&O.E. - May not be in stock at all branches, if so please allow 10 days for delivery. -  
- All Prices F.O.B. Our Warehouse - Subject to Change Without Notice - All Taxes Extra -