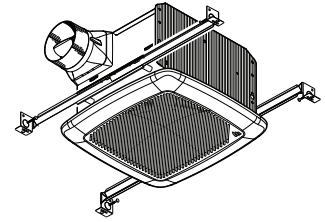


HUMIDITY SENSING FANS MODELS QTRE080H & QTRE100H



A modern-styled, high performance fan, with sensing circuitry, that “knows” when to ventilate the room.

FEATURES

BLOWER:

- Plug-in, permanently lubricated motor - engineered for continuous operation
- Dynamically balanced centrifugal blower wheel for quiet, efficient performance
- Maintains a high percentage of rated CFM in less than ideal installations
- Low RPM for quiet operation
- Resilient anti-vibration motor mounts

HOUSING:

- Rugged, 26 gauge, galvanized steel construction
- 4” round ducting for superior performance
- Polymeric duct connector with tapered sleeve and no metallic clatter
- 7⁵/₈” height allows for 2” x 8” (nominal) joist installations
- Sturdy, easy, four-point mounting directly to joist
- Includes unique spacers (patent pending) for mounting to engineered “I”-joists
- Includes hanger bars to position housing anywhere between 16” to 24” on-center joists
- Two sets of mounting holes for hanger bars allow flush installation with bottom or top of drywall

GRILLE:

- Polymeric construction
- Innovative design - the result of extensive research with designers and consumers

AUTOMATIC CONTROLS:

- Humidity control automatically turns fan ON when either of these conditions is detected:
 - a rapid to moderate (user adjustable) increase of humidity
 - humidity above user-adjustable set-point (50%-100% RH)
- Two wire manual operation for odor control - Turns fan ON when power line through wall switch is cycled ON, OFF and back ON

- Remains ON for 20 minutes after humidity has stabilized and is below set-point or after manually initiated through power line cycling
- Saves energy because unit runs only for the time required. A unit controlled with a wall timer may keep fan ON longer than required or turn it OFF before room is sufficiently ventilated

cULus Listed for use over bathtubs and showers when connected to a GFCI protected branch circuit (ceiling mount only).

3-Year Warranty

TYPICAL SPECIFICATION

Ceiling Ventilator shall be Broan Model QTRE080H (QTRE100H). The unit shall have a control that shall automatically turn fan ON when humidity increase is rapid to moderate (user adjustable), or when humidity is higher than user-adjustable set-point (50%-100% Relative Humidity), or when supply power is cycled from ON (for more than a second) to OFF (for less than a second) and back ON.

Ceiling Ventilator shall have corrosion resistant galvanized steel housing with four-point mounting capability. It shall be ducted to a roof or wall cap using 4” round ductwork.

Blower assembly shall be removable, have a centrifugal-type blower wheel and a permanently lubricated motor designed for continuous operation and mounted with resilient anti-vibration mounts.

Non-metallic damper/duct connector shall be included.

Air delivery shall be no less than 80 (100) CFM and sound level no greater than 1.0 (1.5) sones. All air and sound ratings shall be certified by HVI.

Ceiling Ventilator shall be Energy Star® qualified and have an energy efficient permanent split capacitor motor.

Ceiling Ventilator shall be cULus Listed for use over bathtubs and showers when connected to a GFCI protected branch circuit.



Broan-NuTone Canada Inc.; Mississauga, Ontario www.broan.ca 877-896-1119

REFERENCE	QTY.	REMARKS	Project
			Location
			Architect
			Engineer
			Contractor
			Submitted by Date

PERFORMANCE RATINGS

HUMIDITY SENSING FANS

MODELS QTRE080H & QTRE100H

HVI PERFORMANCE

Model	Sones @ 0.1" Ps	CFM @ 0.1" Ps
QTRE080H	1.0	80
QTRE100H	1.5	100



HVI-2100 CERTIFIED RATINGS comply with new testing technologies and procedures prescribed by the Home Ventilating Institute, for off-the-shelf products, as they are available to consumers. Product performance is rated at 0.1 in. static pressure, based on tests conducted in AMCA's state-of-the-art test laboratory. Sones are a measure of humanly-perceived loudness, based on laboratory measurements.

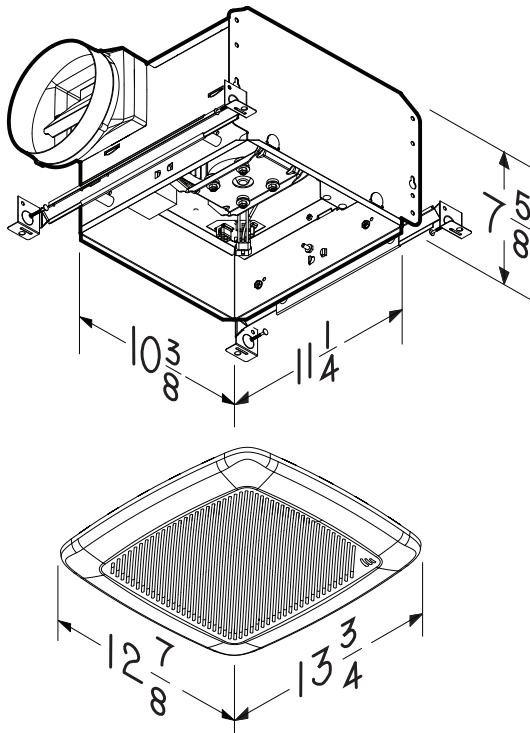
AMPS

Model	Amps*
QTRE080H	0.3
QTRE100H	0.3

*Total connected load.

WEIGHT

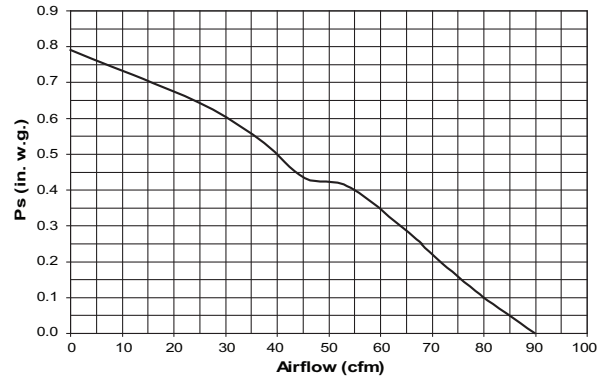
Model	Shipping Weight
QTRE080H	12.2 lb
QTRE100H	12.2 lb



NOTE: Dimensions are in inches.

AIR FLOW PERFORMANCE

MODEL QTRE080H



MODEL QTRE100H

