# REC 6 Ext Roof Fan

Item #: 40046

Variant : 115V 1~ 60Hz



## Description

- Suitable for airstream temperatures of up to 140° F
- Excellent heat dissipation for long motor life
- Built-in thermal overload protection with automatic
- Five-year warranty
- 100% speed controllable

## Application

The RE/REC Series of direct drive centrifugal fans provide an excellent solution for residential or commercial ventilation applications where the fan must be mounted on the exterior of the building. These multi-purpose fans can be used to move air from one or more venting points. Interior noise is not an issuebecause the fan motor is located outside the building envelope.

## Design

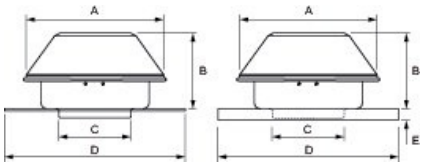
The motorized impeller is both statically and dynamically balanced...

Find more details in our online catalogue

## Technical parameters

| | | |
|---|---|---|
| **Norminal data** | | |
| Voltage (nominal) | 115 | V |
| Frequency | 60 | Hz |
| Phase(s) | 1~ | |
| Input power | 87 | W |
| Input current | 0.6 | A |
| Impeller speed | 2,451 | r.p.m. |
| Air flow | max 227 | cfm |
| Capacitance of capacitor | 6 | µF |
| Temperature of transported air | max 140 | °F |
| Max temperature of transported air, when speed controlled | 140 | °F |
| **Dimensions and weights** | | |
| Duct dimension; Circular, inlet | 6 | in. |
| Duct dimension; Circular, outlet | 6 | in. |
| Weight | 11.3 | lb |
| **Optional** | | |
| Duct connection type | Circular | |

## Dimensions

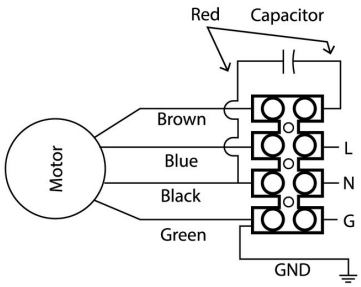



| Model | A | B | C | D | E * |
|---|---|---|---|---|---|
| RE(C) 54 | 10 15/16 (278) | 6 (152) | 5 (127) | 15 1/2 (394) | 1 1/2 (38) |
| RE(C) 6 | 13 15/16 (354) | 6 1/4 (159) | 6 (152) | 15 1/2 (394) | 1 1/2 (38) |
| RE(C) 8XL | 16 9/16 (421) | 5 15/16 (151) | 8 (203) | 20 (508) | 1 1/2 (38) |
| RE(C) 10XL | 20 13/16 (529) | 11 1/2 (292) | 10 (254) | 20 (508) | 1 1/2 (38) |
| RE(C) 10XLT | 20 13/16 (529) | 12 11/16 (322) | 10 (254) | 20 (508) | 1 1/2 (38) |

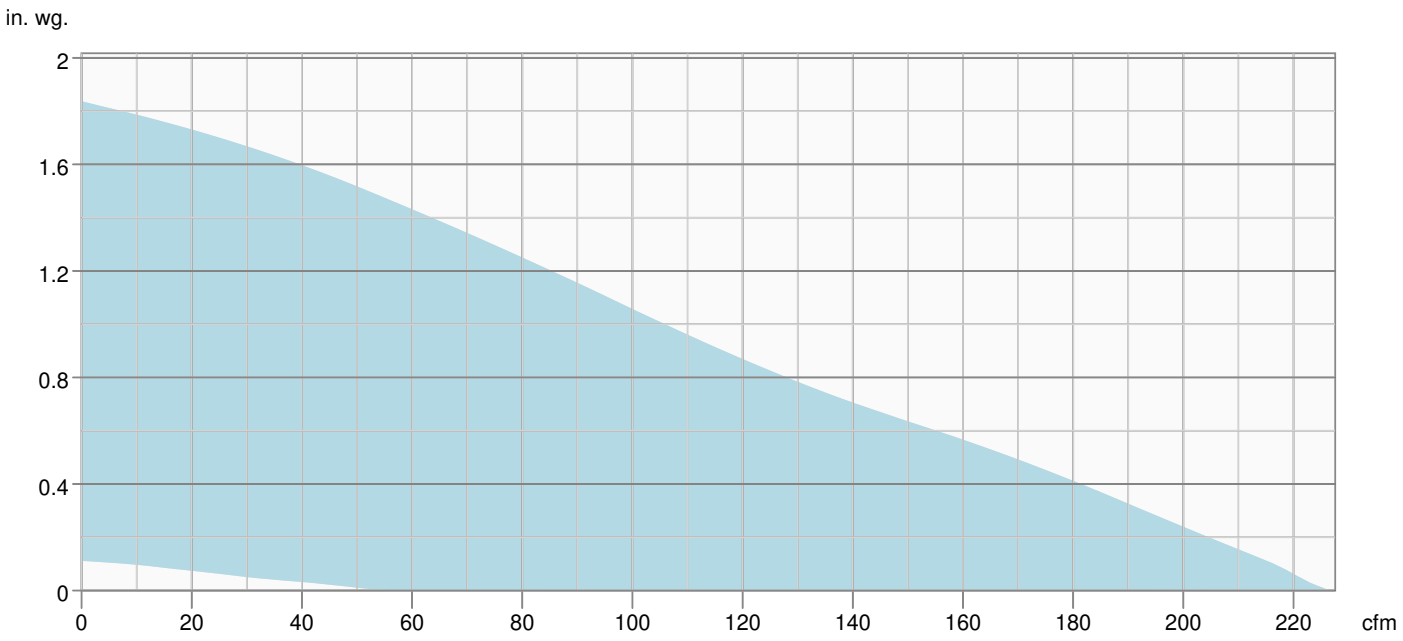
Dimensions in inches

* REC only

## Wiring



## Performance curve




| Hydraulic data | |
|---|---|
| Required air flow | - |
| Required static pressure | - |
| Working air flow | - |
| Working static pressure | - |
| Air density | 0.075 lb/ft³ |
| Power | - |
| Fan control - RPM | - |
| Current | - |
| Airflow efficiency | - |
| Control voltage | - |
| Supply voltage | - |

## Accessories

FAT10 Attic Thermostat (411233)
FTD7 7 Day Digital Timer (49792)
FIDT 6 Insulated Flex Duct (411064)
5ACC15FS Fixed Non-Vented Curb (49580)
LD 6 Silencer (411284)
FH 20 Dehumidistat (410727)
WC 15 Speed Control (5A) (411102)
RSK 6 Backdraft Damper (411114)
FC 6 Mounting Clamps (2 pcs) (411120)

## Documents

450419 RE(C) GUIDE SPEC EN.PDF
405262 RE(C) OIPM EN.PDF
450376 RE(C) SUBMITTAL SHEET EN.PDF