# ENGINEERING DATA VENTCOOL TAHOE SERIES

FIELD CONTROLS
Improving Indoor Environments

# VentCool Tahoe Series

## VentCool™ T2, T3, T4, T5 Whole House Fan

| MODEL | PART NUMBER |
|---|---|
| ☐ VentCool T2 | 602601026 |
| ☐ VentCool T3 | 602601036 |
| ☐ VentCool T4 | 602601046 |
| ☐ VentCool T5 | 602601056 |

## ITEMS INCLUDED IN KIT

- Fan assembly with fan control module (FC3JF) prewired
- 7 feet of acoustically insulated flexduct
- Gravity damper assembly
- Duct Adapter Assembly (as required)
- White cube core inlet grille with fasteners
- *NEW* Digital Wall Timer-Temperature & Speed Control with 50ft of RJ12 Cable
- Instruction manual
- Installation hardware

## ELECTRICAL REQUIREMENTS

| VentCool Models | Dedicated Circuit (Amps) | Voltage | Watts | Motor HP |
|---|---|---|---|---|
| T2 | 15 | 120v | 279 | 1/3 |
| T3 | 15 | 120v | 341 | 1/3 |
| T4 | 15 | 120v | 667 | 1/2 |
| T5 | 15 | 120v | 781 | 1/2 |

## OPTIONAL ACCESSORIES

| | |
|---|---|
| ☐ Additional RJ12 50ft Cable | 580011550 |
| ☐ Connector, F2F RJ12 Straight | 580011503 |
| ☐ Remote Control Kit | 580011704 |

## DESCRIPTION

VentCool Whole House Fans are mechanical ventilation cooling systems. The occupant-controlled system allows for low temperature outdoor air to be introduced in a home or building through open windows. The indoor air is circulated to cool the living space and exhausted into the attic where it is then vented to the outdoors. Outdoor air will warm relative to the indoor temperature and the low energy ventilation cooling fan is disengaged and windows closed.

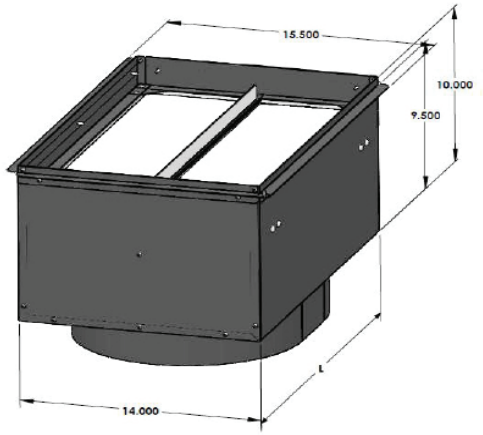
## FEATURES

- CA Title 24 Listed
- Galvanized Steel fan housing
- Digital Wall Mount 2-Speed Control
- 7 feet of insulated, noise reducing flexduct
- AirLoc™ R-5 Gravity Damper
- All models designed to plug into 120 VAC, 15 amp, dedicated power, standard wall outlet
- Removable plaster guards
- Dramatic energy savings
- Permanent Split Capacitor (PSC) motors
- Ultra-quite operation
- Controlled by Timer or Temperature
- Easy installation
- Heavy Gauge Material

## PRODUCT OFFERING

| Tahoe Series with AirLoc™ Gravity Damper | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Model | Fan Airflow (GROSS) CFM Sizing 2 cfm/sqft | HVI-916 std. CA Title 24 (NET) CFM Sizing 1.5 cfm/sqft | Watts | CFM per Watts | Watts per CFM | Sound Level (dBA) | Speed Control Timer | Acoustical Silencer Duct | Rough Opening (inches) | Grille Size (Inch x Inch) | Damper Blade R-Value | Attic Vent-ing (sq ft) | Open Window (sq ft) |
| VentCool T2 | 2369 | 1932 | 295 | 6.55 | .15 | 54 | 2spd/12hr | 16"x 7ft | 14.25x22.25 | 16 X 24 | R-5 | 3.9 | 7.7 |
| VentCool T3 | 3339 | 2759 | 350 | 7.88 | .13 | 53 | 2spd/12hr | 18"x 7ft | 14.25x22.25 | 16 X 24 | R-5 | 5.5 | 11.0 |
| VentCool T4 | 4590 | 3640 | 430 | 8.47 | .12 | 56 | 2spd/12hr | 20"x 7ft | 14.25x30.25 | 16 X 32 | R-5 | 7.3 | 14.6 |
| VentCool T5 | 5902 | 4123 | 630 | 6.54 | .15 | 59 | 2spd/12hr | 20"x 7ft | 14.25x30.25 | 16 X 32 | R-5 | 8.2 | 16.5 |

## DIMENSIONAL DATA




FIELD CONTROLS
Improving Indoor Environments

Field Controls
2630 Airport Road
Kinston, NC 28504
252 522-3031
Fax: 1 (800) 367-7942

Field Controls
9154 Stellar Court
Corona, CA 92883
951-277-0304

Visit us at: www.fieldcontrols.com



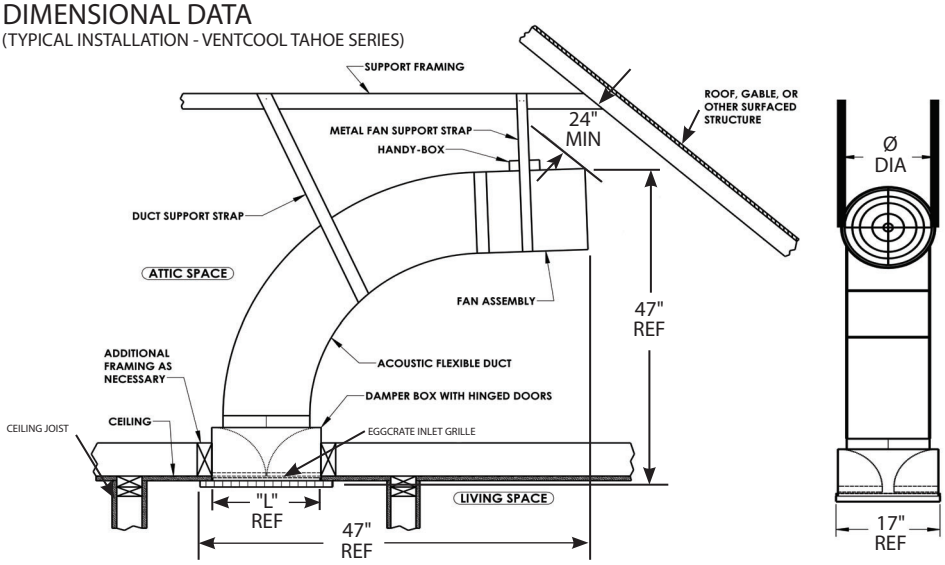


P/N 780501300 07/20 Rev I

# ENGINEERING DATA VENTCOOL TAHOE SERIES

## DIMENSIONAL DATA

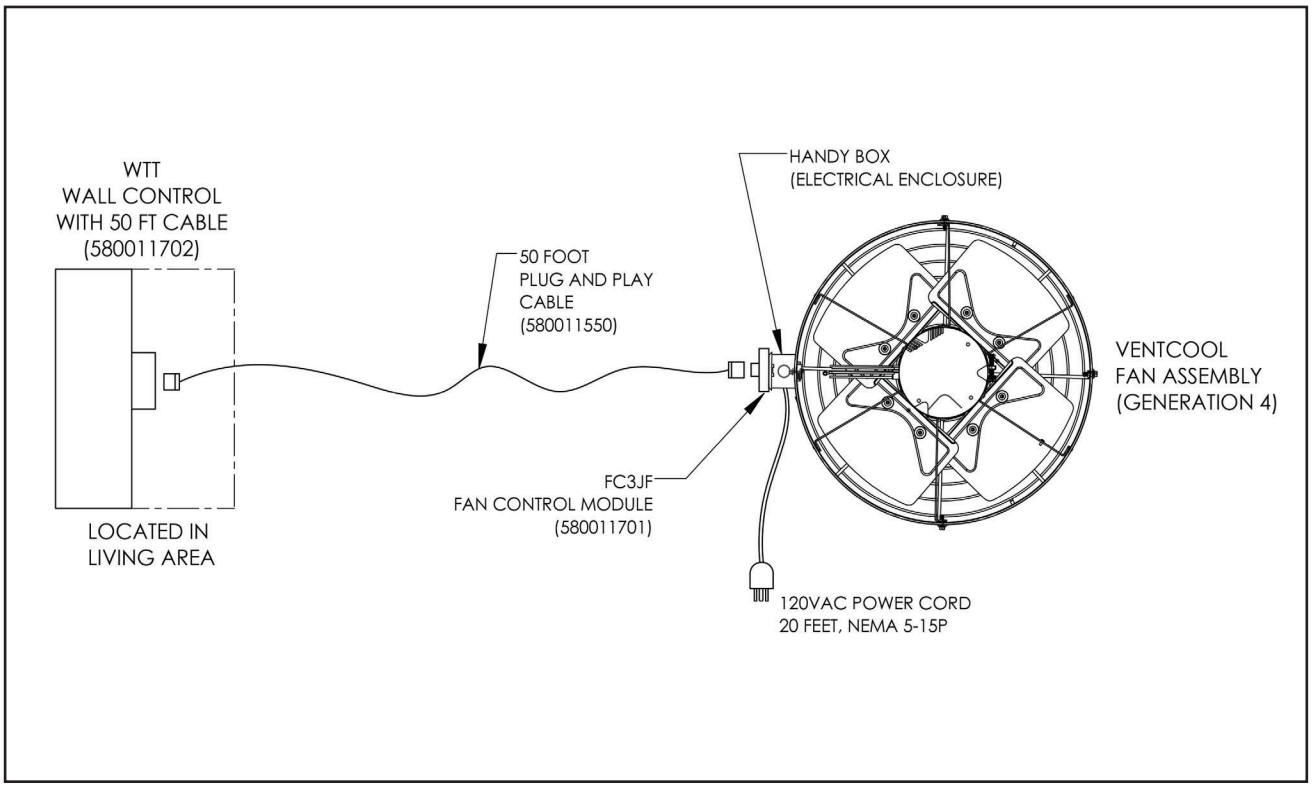
(TYPICAL INSTALLATION - VENTCOOL TAHOE SERIES)




| VentCool Models | Dimension (in inches) | |
|---|---|---|
| | L | DIA |
| VentCool T2 | 22 | 18 |
| VentCool T3 | 22 | 18 |
| VentCool T4 | 30 | 20 |
| VentCool T5 | 30 | 22 |

NOTE: 1. 17" measurement includes flanged dimensions

2. 47" measurements are dependent on bend radius. Duct supplied is 7 feet in length.




Wiring Diagram: INTERCONNECTION CABLE CONTROL DIAGRAM FOR TAHOE T2 THROUGH T5 MODELS

## PROJECT INFORMATION

| | |
|---|---|
| Quoted by: | Date: |
| Project: | Remarks: |
| Quantity: | |
| Model: | |
| Site: | |
| Architect | |
| Engineer: | |
| Contractor: | |


FIELD CONTROLS
Improving Indoor Environments

Field Controls
2630 Airport Road
Kinston, NC 28504
252 522-3031
Fax: 1 (800) 367-7942

Field Controls
9154 Stellar Court
Corona, CA 92883
951-277-0304

Visit us at: www.fieldcontrols.com