

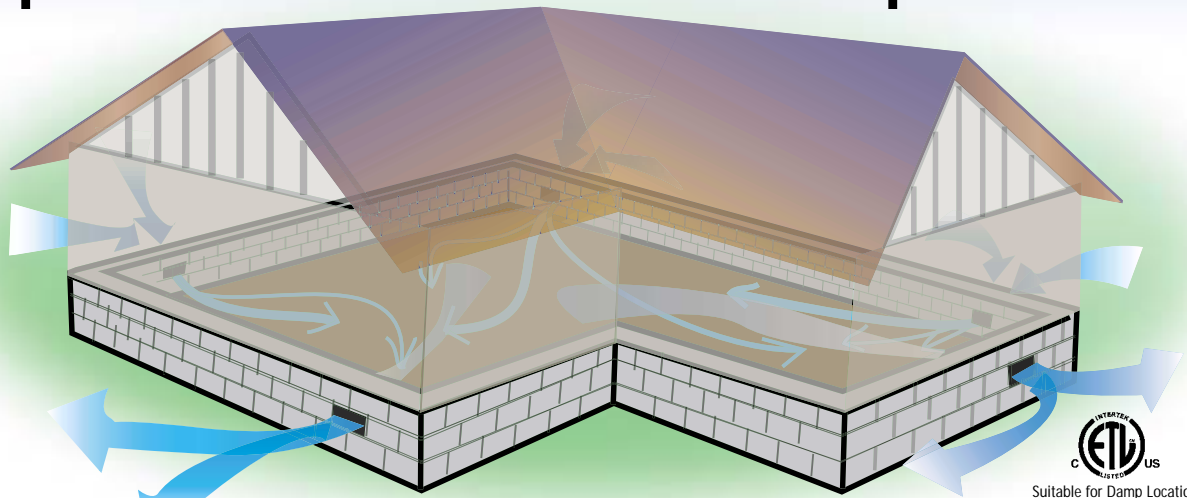


TJERNLUND

UnderAire[™]

Crawl Space Ventilators

Fan powered crawl space ventilation quickly reduces moisture helping to protect both home and occupants.



ETL
LISTED
Us
Suitable for Damp Locations

■ Ventilates excess moisture, the cause of mold, mildew and wood rot. Increases air circulation to fight condensation.

■ Constant operation helps vent radon, treated wood off-gassing and odors that might otherwise migrate into living areas.



Three models to choose from:



Model V1

One fan and small faceplate for ventilation openings through brick foundations. (Requires switch or dehumidistat to activate. Multiple ventilators may be controlled by a single switch or dehumidistat). Includes thermostat.



Model V1D

One fan and large faceplate sized for ventilation openings through block foundations. Includes thermostat, dehumidistat and pre-wired 6' power cord.

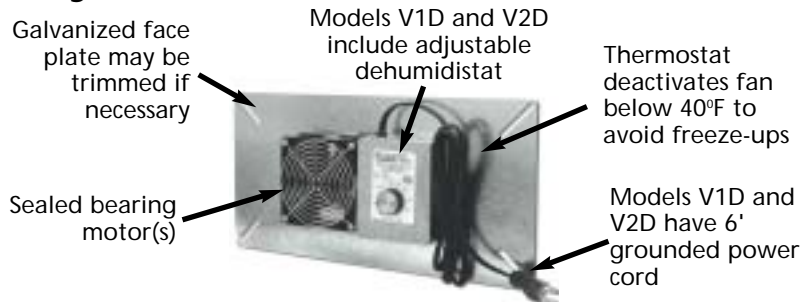


Model V2D

Two fans and large faceplate sized for ventilation openings through block foundations. Includes thermostat, dehumidistat and pre-wired 6' power cord.

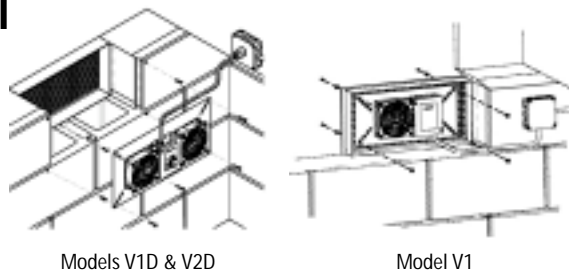
UnderAire™ Crawl Space Ventilators

Designed and engineered
for years of service



Easy to install

Ventilators are installed inside crawl space behind existing ventilation opening. Screws and masonry wall anchors are included.



Specifications

Model	V1	V1D	V2D
Performance	110 CFM	110 CFM	220 CFM
Motor	115/1/60 0.30 amps	115/1/60 0.30 amp	2 @ 115/1/60 0.60 amps
Dehumidistat	Optional Model DH10 dehumidistat available separately	OFF/ON or 20-80% RH	OFF/ON or 20-80% RH
Thermostat	Opens at 40°F	Opens at 40°F	Opens at 40°F
Dimensions	14 3/8" x 6 7/8" x 2"	18" x 9" x 2"	18" x 9" x 2"

How to determine the number of UnderAire™ Ventilators needed:

Calculate the cubic area of the crawl space by multiplying the length x width x height. Divide this number by 15 to determine the minimum CFM necessary to fully ventilate the space in 15 minutes. Example: 20' wide x 40' long x 3' high crawl space = 2,400 cubic ft. 2400 cubic ft. ÷ 15 minutes = 160 CFM of ventilation. Choose two V1 or V1D ventilators or one V2D ventilator.

Complete details on Tjernlund Crawl Space Ventilators are available from your Tjernlund distributor or at www.tjernlund.com

Facts to know about Crawl Space Ventilation

From Mississippi State University
Extension Service:

- If soil is damp, as much as 20 gallons of water per 24 hours can evaporate into the air in a 1,400 sq. ft crawl space.
- Primary causes of excess moisture include:
 - Surface runoff water
 - Poor ventilation
 - No or poor ground vapor barrier
- Signs of excess moisture in crawl space:
 - Soil is wet
 - Surface organism growth on floor joists
 - Wet insulation
 - Musty odors in crawl space or living areas
 - Excessive moisture in living areas tending to migrate towards windows

Other Tjernlund ventilation products

In-Forcer™

fresh air and combustion air intake fans automatically bring outdoor air into tightly sealed homes.



Duct Booster®

fans boost airflow to hard-to-heat or cool rooms. Capacities from 150 to 1,200 CFM.



TJERNLUND PRODUCTS, INC.

Available at: www.hvacquick.com 877-711-4822

Copyright © 2006 Tjernlund Products, Inc.

P/N 8500720