

SENTINEL HDi90

Basement & Crawl Space Dehumidifiers

PRODUCT DESCRIPTION

The Sentinel HDi90 dehumidifier is designed specifically for crawlspaces and basements. Designed specifically for small areas the horizontal configuration and unique dual airflow outlets is highly efficient and effective in removing moisture from the air through the refrigeration process. Being one of the smallest, lightest and most powerful dehumidifier in the market, it works perfectly in small hard to reach areas. The Sentinel HDi90 has the humidity sensor in bypass air design with excellent airflow, multiple ducting options and a side sliding filter. The unit removes maximum 42 litre of water per-day (AHAM) with 5.5 amps current draw. Equipped with a "Hot Gas" defrost system ensures a quick and efficient clearing of ice from the coil at the minimum operating temperature of 2°C. The Sentinel HD i90 is SAA approved and is patent pending. It is an energy efficient unit.

Standard Features

- SAA approved
- Rotary compressor type
- Effective and efficient
- Ducting options
- Condensate pump
- HGV defrosting
- Water full protection
- Environmental R410A refrigerant
- Memory starting
- Automatic humidistat control
- By pass air sensor
- Epoxy powder coating
- Continuous model
- Easy handling, Energy efficient
- HVAC Remote system

Specifications

Input Voltage	220V/50HZ
Current	3.95A(220v/50Hz)
COP	2.88L/Kwh(220v/50Hz)
Size for	Up to 241 m ²
Filter	Clean air filter, HEPA, Merv-8
Airflow	210 CFM, 350 CMH
Sound pressure level	<58 dBA
Refrigerant	R410A
Draining	Condensate pump
Defrosting control system	HGV defrosting
Feet	Adjustable feet
Functioning Temperature	Range 1~40°C
Functioning humidity	Range 35~95%
Capacity	42 L @AHAM
Weight	35.5kg
Dimension(L×W×H)	59 cm × 39 cm × 45 cm

Installation

- With a supply kit only
- With a supply and return kit



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Commercial Applications

- Crawlspace
- Shops/Bars
- Museum/Sport Halls
- Water Damage Restoration
- Computer Rooms
- Basements
- Hotel/Motel
- Offices
- Laboratories
- Museums
- Storage Areas
- Restaurants