

Whole House Dehumidifiers



Whole House Dehumidifiers offer an efficient solution to maintain proper humidity levels for a comfortable indoor environment. Modern homes, while more energy-efficient due to tighter construction methods, can inadvertently trap moisture indoors. This trapped moisture often leads to musty odors and the growth of mold, mildew, and bacteria throughout the home. Maintaining control over humidity levels inside the home is crucial for ensuring comfort, reducing health risks, and protecting the property from damage.

Field Controls dehumidifiers seamlessly integrates with the HVAC system, working in conjunction to prevent mold growth. By drawing indoor air through a mechanical process that condenses out moisture, it effectively reduces the risk of mold and other moisture-related issues, ensuring a healthier and more pleasant living environment.

Features

- Dynamic operation for peace-of-mind performance
- Perfect for basement and crawl space applications
- Ideal for whole house integration with HVAC systems
- Ultimate in corrosion protection
- Convenience for effortless system management
- Provides fail safe protection to turn off the dehumidifier if external condensate pump fails
- Allows selection of precise setpoint while monitoring actual room conditions



How It Works

Whole House Dehumidifiers feature an integrated dehumidistat to monitor the conditioned space. When the relative humidity rises above the selected setpoint, the dehumidifier will energize. Air is then drawn across an evaporator coil, which is cooler than the dew point air. This causes moisture to condense out of the air. The air is then reheated through the condenser coil and distributed back into the room.

Balance Indoor Humidity

Excessive humidity indoors is more than just discomfort - it's a breeding ground for mold, mildew, and allergens, leading to health hazards and property damage. Dehumidifiers offer a comprehensive solution by regulating humidity levels throughout the home.



Protecting Your Home

High humidity levels pose a significant threat to the integrity of your home and the longevity of your belongings. Moisture-laden air can seep into walls, causing paint to blister and peel while promoting the growth of mold and mildew. Wooden furniture is especially vulnerable, as excess moisture can lead to warping, cracking, and even rot. Electronics and appliances are also at risk, as humidity can corrode internal components and lead to malfunctions.

WHOLE HOUSE DEHUMIDIFIERS						
Model	Part Number	Airflow (CFM)	Refrigerant	Coverage	Sound dBA	Rated Condensate Capacity (80°F, 60%)
FC-60DH-2	602617201	155	R410A	11,000 cu. ft.	59	60 ppd
FC-85DH-2	602617202	185	R410A	15,000 cu. ft.	59	85 ppd
FC-120DH-2	602617203	300	R410A	21,000 cu. ft.	60	120 ppd

WHOLE HOUSE DEHUMIDIFIER REPLACEMENT FILTERS		
Part Number	Model	Description
602609701	SM10PF	Prefilter (3 pack) replacement for models 60DH / 85DH
602609702	LG10PF	Prefilter (3 pack) replacement for model 120DH
602609703	SMM10	MERV10 Filter (3 pack) replacement for models 60DH / 85 DH
602609704	LGM10	MERV10 Filter (3 pack) replacement for model 120DH

