




# HUMIDITY CONTROL PERFECTED

**WORLD'S MOST EFFICIENT DEHUMIDIFIERS**

**COMMERCIAL  
PRODUCT  
BROCHURE**

**(877) 420-1330**

**QUESTCLIMATE.COM**

 **QUEST DEHUMIDIFIERS**

# DEHUMIDIFICATION DOESN'T NEED TO BE DIFFICULT

Quest has the industry expertise – and track record – to deliver the most consistent and reliable climate needed for product, processes and asset protection.



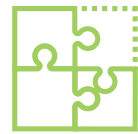
## TRUE INDUSTRY EXPERTISE

Our team of application engineers knows moisture management. We are available to help with everything from troubleshooting to unit selection and sizing.



## READY TO ROLL

Our goal is to have product in stock and ready to ship so it's there when you need it, and you don't have to settle for a competitor's inefficiency.



## FOR ANY APPLICATION

Quest has a full line of refrigerant and desiccant dehumidifiers to take on humidity in any size application, in a variety of environments: storage, manufacturing, water treatment facilities and more.

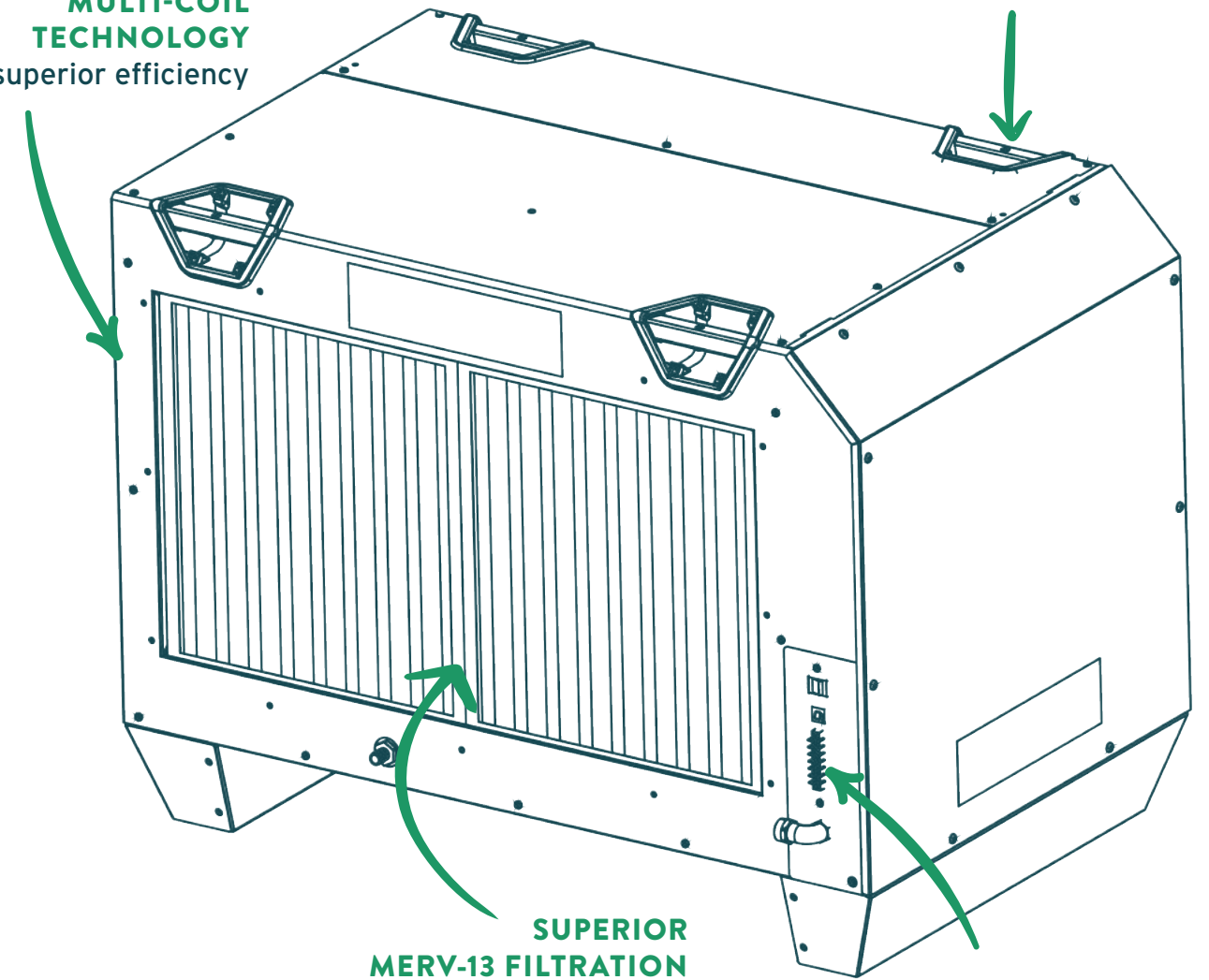


## WORLD'S MOST EFFICIENT

Quest has the most energy-efficient dehumidifiers available, using the least electricity while removing more pints of water per kWh at the widest temperature range. Quest's innovative design also creates the lightest heat load on your HVAC, paying for itself in energy savings.

**PATENTED MULTI-COIL TECHNOLOGY**  
For superior efficiency

**INTEGRATED HANDLES**  
For easy transport and flexible installation



**SUPERIOR MERV-13 FILTRATION**  
Captures more mold, mildew and some viruses

**TERMINAL BLOCK**  
For external controls

## THE MOST EFFICIENT UNITS

**MORE EFFICIENT = LOWER UTILITY COSTS**

**MORE EFFICIENT = LESS HEAT OUTPUT**

## QUALITY CONSTRUCTION

Quest dehumidifiers meet or exceed the highest standards (ETL listed/UL certified). Plus, they are backed by an industry-leading warranty.

Built to the highest standard, Quest brings quality humidity control to maintain your ideal environment.



# MOST EFFICIENT

- + Patented Multi-Coil Technology: Achieves the highest efficiency available in the market
- + Onboard digital control, with optional external control
- + Removable access panel for easy, in-place maintenance and serviceability
- + Filter Compensation Technology: Accounts for static pressure change to ensure consistent, powerful airflow
- + Superior MERV-13 filtration: Removes more harmful contaminants from the air, such as mold, bacteria and some viruses
- + Auto-restart after loss of power
- + Integrated handles with dedicated hanging points



REMOVABLE ACCESS PANEL FOR EASY MAINTENANCE



EASY-TO-USE DIGITAL CONTROLS



HIGH VOLTAGE POWER BLOCK FOR CORDED OR HARDWIRED INSTALLATION



## 335 208-230V

**WATER REMOVAL:** 350 Pints | 166 Liters | 43.8 Gallons  
**EFFICIENCY:** 9.3 Pints/kWh  
**SUPPLY VOLTAGE:** 208-230V, 1 Phase, 60 Hz  
**AMPS:** 6.9 (230V) | 7.9 (208V)  
**ENERGY FACTOR:** 4.3 L/kWh  
**OPERATING TEMP:** 56 F Min - 95 F Max  
**AIR FILTER:** MERV-13  
**DIMENSIONS:** 32.9" L x 24.6" W x 23.7" H

## 335 277V

**WATER REMOVAL:** 350 Pints | 166 Liters | 43.8 Gallons  
**EFFICIENCY:** 8.5 Pints/kWh  
**SUPPLY VOLTAGE:** 277V, 1 Phase, 60 Hz  
**AMPS:** 6.8  
**ENERGY FACTOR:** 4.0 L/kWh  
**OPERATING TEMP:** 56 F Min - 95 F Max  
**AIR FILTER:** MERV-13  
**DIMENSIONS:** 32.9" L x 24.6" W x 23.7" H

# LARGE CAPACITY

- + Integrated handles with dedicated hang points
- + Patented coil technology unlike anything else on the market
- + Ductable – intake and exhaust kits available



LOW VOLTAGE TERMINAL BLOCK FOR EXTERNAL CONTROLS



PICTURED  
**TOP:** 746 480V | 876 220-240V  
**BOTTOM:** 506 277V | 220-240V

## 506 220-240V

**WATER REMOVAL:** 506 Pints | 239 Liters | 63.2 Gallons  
**EFFICIENCY:** 8.1 Pints/kWh  
**SUPPLY VOLTAGE:** 220-240V, 1 Phase, 60 Hz  
**AMPS:** 11.0  
**ENERGY FACTOR:** 3.8 L/kWh  
**OPERATING TEMP:** 56 F Min - 95 F Max  
**AIR FILTER:** MERV-13 (Qty 2)  
**DIMENSIONS:** 44.8" L x 28.9" W x 34.1" H

## 506 277V

**WATER REMOVAL:** 506 Pints | 239 Liters | 63.2 Gallons  
**EFFICIENCY:** 8.1 Pints/kWh  
**SUPPLY VOLTAGE:** 277V, 1 Phase, 60 Hz  
**AMPS:** 10.0  
**ENERGY FACTOR:** 3.8 L/kWh  
**OPERATING TEMP:** 56 F Min - 95 F Max  
**AIR FILTER:** MERV-13 (Qty 2)  
**DIMENSIONS:** 44.8" L x 28.9" W x 34.1" H

## 746 480V

**WATER REMOVAL:** 746 Pints | 353 Liters | 93.3 Gallons  
**EFFICIENCY:** 7.3 Pints/kWh  
**SUPPLY VOLTAGE:** 480V, 3 Phase, 60 Hz  
**AMPS:** 6.5  
**ENERGY FACTOR:** 3.5 L/kWh  
**OPERATING TEMP:** 56 F Min - 95 F Max  
**AIR FILTER:** MERV-13 (Qty 2)  
**DIMENSIONS:** 44.8" L x 28.9" W x 34.1" H

## 876 220-240V

**WATER REMOVAL:** 876 Pints | 415 Liters | 109.5 Gallons  
**EFFICIENCY:** 6.6 Pints/kWh  
**SUPPLY VOLTAGE:** 220-240V, 1 Phase, 60 Hz  
**AMPS:** 24.7  
**ENERGY FACTOR:** 3.1 L/kWh  
**OPERATING TEMP:** 56 F Min - 95 F Max  
**AIR FILTER:** MERV-13 (Qty 2)  
**DIMENSIONS:** 44.8" L x 28.9" W x 34.1" H

# PORTABLE

## HI-E DRY 120 / 195

- + Portable design with four casters for mobility
- + 30-foot drain hose with internal pump capable of lifting condensate 17 feet
- + Onboard digital controls

## CDG 174

- + Portable design with 25-foot power cord and 12-inch recessed wheels
- + 30-foot drain hose with internal pump capable of lifting condensate 17 feet
- + Stainless steel housing
- + Onboard dehumidistat



PICTURED  
LEFT: HI-E DRY 120 RIGHT: CDG 174

### HI-E DRY 120

**WATER REMOVAL:** 120 Pints | 57 Liters | 15 Gallons  
**EFFICIENCY:** 7.7 Pints/kWh  
**SUPPLY VOLTAGE:** 110-120V, 1 Phase, 60 Hz  
**AMPS:** 5.9  
**ENERGY FACTOR:** 3.6 L/kWh  
**OPERATING TEMP:** 40 F Min - 110 F Max  
**AIR FILTER:** MERV-11  
**DIMENSIONS:** 19" L x 20" W x 42" H

### HI-E DRY 195

**WATER REMOVAL:** 195 Pints | 92 Liters | 24.4 Gallons  
**EFFICIENCY:** 5.4 Pints/kWh  
**SUPPLY VOLTAGE:** 110-120V, 1 Phase, 60 Hz  
**AMPS:** 13.1  
**ENERGY FACTOR:** 2.6 L/kWh  
**OPERATING TEMP:** 40 F Min - 110 F Max  
**AIR FILTER:** MERV-11  
**DIMENSIONS:** 19" L x 20" W x 42" H

### CDG 174

**WATER REMOVAL:** 176 Pints | 83 Liters | 22 Gallons  
**EFFICIENCY:** 7.7 Pints/kWh  
**SUPPLY VOLTAGE:** 110-120V, 1 Phase, 60 Hz  
**AMPS:** 10.0  
**ENERGY FACTOR:** 3.6 L/kWh  
**OPERATING TEMP:** 33 F Min - 110 F Max  
**AIR FILTER:** MERV-11  
**DIMENSIONS:** 20" L x 23" W x 40" H



### F9 RADIAL AIR MOVER

**AIRFLOW:** 925 CFM  
**AMPS:** 1.9  
**ADDITIONAL FEATURES:** Connect up to six F9s on a single 15-AMP circuit

# DUAL EXHAUST

- + Dual exhaust output for increased circulation
- + Ductable – intake and dual exhaust kits available
- + Auto-restart in the event of power outage
- + Long power cord for extended reach

ONBOARD DEHUMIDISTAT & LOW VOLTAGE TERMINAL BLOCK FOR EXTERNAL CONTROLS



### 225 DUAL

**WATER REMOVAL:** 225 Pints | 106 Liters | 28.1 Gallons  
**EFFICIENCY:** 6.1 Pints/kWh  
**SUPPLY VOLTAGE:** 220-240V, 1 Phase, 60 Hz  
**AMPS:** 6.9  
**ENERGY FACTOR:** 2.9 L/kWh  
**OPERATING TEMP:** 56 F Min - 95 F Max  
**AIR FILTER:** MERV-11  
**DIMENSIONS:** 38" L x 20.25" W x 21.75" H

### 165 DUAL

**WATER REMOVAL:** 165 Pints | 78 Liters | 20.6 Gallons  
**EFFICIENCY:** 7.8 Pints/kWh  
**SUPPLY VOLTAGE:** 220-240V, 1 Phase, 60 Hz  
**AMPS:** 3.6  
**ENERGY FACTOR:** 3.7 L/kWh  
**OPERATING TEMP:** 56 F Min - 95 F Max  
**AIR FILTER:** MERV-11  
**DIMENSIONS:** 38" L x 20.25" W x 21.75" H

### 105 DUAL

**WATER REMOVAL:** 105 Pints | 50 Liters | 13.1 Gallons  
**EFFICIENCY:** 8.8 Pints/kWh  
**SUPPLY VOLTAGE:** 110-120V, 1 Phase, 60 Hz  
**AMPS:** 4.9  
**ENERGY FACTOR:** 4.2 L/kWh  
**OPERATING TEMP:** 56 F Min - 95 F Max  
**AIR FILTER:** MERV-11  
**DIMENSIONS:** 38" L x 20.25" W x 21.75" H

### 205 DUAL

**WATER REMOVAL:** 205 Pints | 97 Liters | 25.6 Gallons  
**EFFICIENCY:** 5.7 Pints/kWh  
**SUPPLY VOLTAGE:** 110-120V, 1 Phase, 60 Hz  
**AMPS:** 13.2  
**ENERGY FACTOR:** 2.7 L/kWh  
**OPERATING TEMP:** 56 F Min - 95 F Max  
**AIR FILTER:** MERV-11  
**DIMENSIONS:** 38" L x 20.25" W x 21.75" H

### 155 DUAL

**WATER REMOVAL:** 155 Pints | 73 Liters | 19.4 Gallons  
**EFFICIENCY:** 7.3 Pints/kWh  
**SUPPLY VOLTAGE:** 110-120V, 1 Phase, 60 Hz  
**AMPS:** 8.0  
**ENERGY FACTOR:** 3.5 L/kWh  
**OPERATING TEMP:** 56 F Min - 95 F Max  
**AIR FILTER:** MERV-11  
**DIMENSIONS:** 38" L x 20.25" W x 21.75" H



DUCT COLLAR KITS ARE AVAILABLE FOR ALL DUALS

## COMPACT

70

- WATER REMOVAL:** 70 Pints | 33 Liters | 8.8 Gallons
- EFFICIENCY:** 5.0 Pints/kWh
- SUPPLY VOLTAGE:** 110-120V, 1 Phase, 60 Hz
- AMPS:** 5.1
- ENERGY FACTOR:** 2.4 L/kWh
- OPERATING TEMP:** 33 F Min - 100 F Max
- AIR FILTER:** MERV-13
- DIMENSIONS:** 21.5" L x 12" W x 12" H



- + Ductable - intake and exhaust kits are available
- + Onboard dehumidistat and low voltage terminal block
- + Compact size for smaller spaces and mobility

## ACCESSORIES

We offer a large selection of accessories. Our systems are fully customizable, so you can create the ideal setup for your precise growing environment. See all accessories and order online at: [QUESTCLIMATE.COM](http://QUESTCLIMATE.COM)

335

- + MERV-13 Filter, 20" x 22" x 2"
- + Duct Kit
- + Pump Kit
- + DEH 3000R Control

110 | 150

- + MERV-8 Filter, 17.5" x 14" x 1.75"
- + Pump Kit
- + Supply Duct Kit
- + Return Duct Kit

506 | 746 | 876

- + MERV-13 Filter, 20" x 18" x 2" (Requires 2 per unit)
- + Supply Duct Kit
- + Return Duct Kit
- + Pump Kit
- + DEH 3000R Control

70

- + MERV-13 Filter, 11" x 9" x 1"
- + Pump Kit
- + Hang Kit
- + Duct Kit
- + DEH 3000R Control

105 | 155 | 205 | 225

- + MERV-11 Filter, 16" x 20" x 2"
- + Pump Kit
- + Supply Duct Kit
- + Return Duct Kit
- + Hanging Bracket
- + Remote Humidistat
- + DEH 3000R Control

HI-E DRY 120 | 195

- + MERV-11 Filter, 16" x 20" x 2"
- + Muffler Kit
- + Duct Kit

CDG 174

- + MERV-11 Filter, 16" x 20" x 2"

## DESICCANT



## QUEST TROTEC

In cases where low temperature environments are needed, Quest offers desiccant dehumidification. Our desiccant dehumidifiers can also be combined with Quest high-efficiency dehumidifiers for maximum capacity with peak moisture loads.

- + Designed with adaptability to fit a variety of applications and operating conditions
- + Engineered for in-the-field scalability to a larger size with higher capacity
- + Compatible with a variety of control options
- + Designed for fast and easy maintenance and serviceability
- + Constructed of steel and stainless steel with fork pockets for added sturdiness and easy transport



# MASTER YOUR ENVIRONMENT WITH QUEST

## HELPING YOU PROTECT YOUR ASSETS

One of the biggest challenges for many facilities is creating and maintaining a stable, consistent environment to ensure moisture doesn't damage your assets – products, equipment, or even employees.

We partner with a wide variety of agriculture, industrial, and commercial industries, sharing our expertise to help customers create the most productive, safe, climate-controlled environments possible.

## HELPING YOU SAVE MONEY

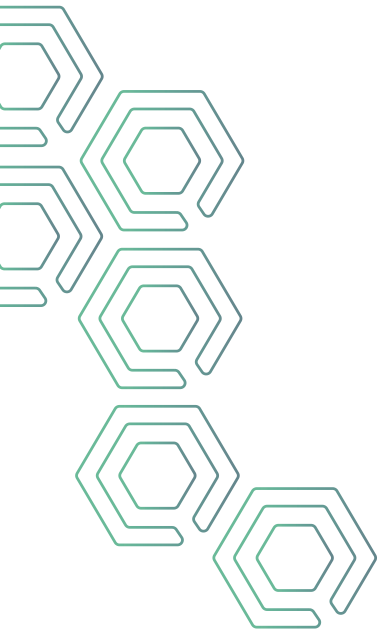
Not only does Quest save you money by protecting your investments from the deteriorating effects of moisture, but Quest designs the most energy-efficient dehumidifiers available, using the least electricity and removing more pints per kilowatt-hour at the widest temperature range.

Quest's innovative design also creates the lowest heat load on your HVAC, paying for itself in energy savings. As if you're not convinced already, using Quest's high-efficiency dehumidifiers may also qualify you for energy-saving rebates through your local utility provider!



*Quest removes more water,  
produces less heat,  
uses less electricity and*

**SAVES YOU MORE MONEY.**



**(877) 420-1330**

**QUESTCLIMATE.COM**

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