



MASTER YOUR ENVIRONMENT AND MAXIMIZE YOUR SUCCESS.



FALL 2017 PRODUCT BROCHURE

(877) 420-1330
QUESTHYDRO.COM

GROWING PLANTS INDOORS PRESENTS PLENTY OF CHALLENGES.

One of the biggest is creating and maintaining a stable, consistent environment for your plants to flourish. Without a reliable climate, you could lose your entire crop.

Proper dehumidification can make all the difference, giving you the advantage you need to bring in a high-yield harvest.

PRECISE GROWING CONDITIONS

A Quest dehumidifier can transform an unstable growing environment into one that allows you to achieve and maintain precise conditions in which plants can flourish. This includes deterring and preventing the growth of destructive molds throughout each growing stage.

ENERGY EFFICIENCY

Quest has the most energy-efficient dehumidifiers available, using the least electricity and 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.

MAXIMUM GROW SPACE

With overhead mount capability, Quest lets you maximize your grow space—and profits.

RELIABLE CONSTRUCTION

Made in the USA, Quest meets or exceeds the highest standards (ETL listed/UL certified). Plus, it's backed by an industry-leading warranty.

Quest dehumidifiers will efficiently control humidity from germination to harvest, maintaining a growing environment that's vital to the success of indoor and hydroponic gardening.

Protect your investment, your plants and your profits with Quest.



YOU ASKED FOR IT: OUR HIGHEST CAPACITY DEHUMIDIFIER YET.

Industrial grow operations demand industrial-sized solutions.

That's why we developed the Quest 506. It's the largest capacity dehumidifier on the market that's specifically designed with growers in mind. Powered by patent-pending coil technology that isn't available anywhere else, the Quest 506 is designed to work round-the-clock to optimize your grow environment with maximum energy efficiency and flexibility.

QUEST 506 HIGH CAPACITY DEHUMIDIFIER

- + 506 PINTS/DAY @80°F, 60%RH (506 PINTS | 239 LITERS | 63.3 GALLONS)
- + 28.9"W X 33.8"H X 44.7"L
(73.4CM X 85.9CM X 113.5CM)
- + EFFICIENCY OF 8.1 PINTS/KWH
- + 10' CORD LENGTH INTO 230V OUTLET; ABLE TO BE HARD-WIRED
- + DUCTABLE—INTAKE AND DUAL EXHAUSTS KITS AVAILABLE
- + 5-YEAR WARRANTY
- + INTEGRATED HANDLES
- + PATENT-PENDING COIL TECHNOLOGY UNLIKE ANYTHING ELSE ON THE MARKET

LOW VOLTAGE TERMINAL BLOCK
FOR EXTERNAL CONTROLS



QUEST DUALS

105 / 155 / 205 / 225

OVERHEAD DEHUMIDIFIERS

- + UP TO 225 PINTS AT 80°F (26.7°C)/60% RH
- + 20.25"W x 21.75"H x 38"L (51.4CM X 55.3CM X 96.5CM)
- + ENERGY CONSUMPTION AS LOW AS 4.9 AMPS
- + EFFICIENCY AS GREAT AS 8.8 PINTS PER KILOWATT HOUR
- + MADE IN THE USA, BUILT TO LAST
- + ENERGY STAR (OR HIGHER) PERFORMANCE (NO DEHUMIDIFIER IS MORE EFFICIENT)
- + UL RATED, ETL LISTED—THE HIGHEST SAFETY STANDARD
- + MERV 11 FILTRATION, CAPTURES DANGEROUS AIRBORNE PARTICLES
- + DUALS 105/155/205—10' CORD PLUGS INTO A STANDARD 115V OUTLET
- + DUAL 225—10' CORD PLUGS INTO A COMMERCIAL 230V OUTLET
- + 5-YEAR POWERTRAIN WARRANTY
- + FLEXIBLE CONTROLS NEVER NEED TO BE RESET
- + DUCTABLE—INTAKE AND DUAL EXHAUSTS (KITS AVAILABLE)
- + 24V CONTROL

QUEST 105 DUAL

- + 105 PINTS | 50 LITERS | 13.1 GALLONS
- + 4.9 AMPS
- + 115V
- + 8.8 PINTS/KWH

QUEST 155 DUAL

- + 155 PINTS | 73 LITERS | 19.3 GALLONS
- + 8.0 AMPS
- + 115V
- + 7.3 PINTS/KWH

QUEST 205 DUAL

- + 205 PINTS | 97 LITERS | 25.6 GALLONS
- + 13.2 AMPS
- + 115V
- + 5.7 PINTS/KWH

QUEST 225 DUAL

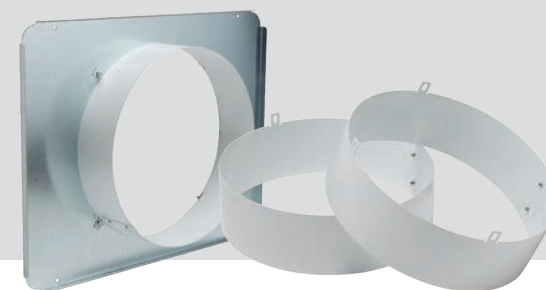
- + 225 PINTS | 106 LITERS | 28.1 GALLONS
- + 6.9 AMPS
- + 230V
- + 6.1 PINTS/KWH



PATENTS:
D570,988
8,069,681



ONBOARD DEHUMIDISTAT & LOW VOLTAGE TERMINAL BLOCK FOR EXTERNAL CONTROLS



DUCT COLLAR KITS ARE AVAILABLE FOR ALL DUALS.

HOW THE QUEST DUALS COMPARE TO COMPETITORS.

105

Specs	Quest 105	Competitor 180
Pints at 80°F (26.7°C)/60%RH	105	90
Pints per Kwh	8.8	3.8
Market cost per Kwh	\$0.17	\$0.17
Unit price	\$1,940	\$1,199
Pints to be removed daily	90	90
Days run per year	365	365
Units needed	1	1
Annual electricity cost	\$635	\$1,470
Daily electricity cost	\$1.74	\$4.03
Cost of ownership		
1 year	\$2,575	\$2,669
2 years	\$3,209	\$4,138
3 years	\$3,844	\$5,608
4 years	\$4,478	\$7,077
5 years	\$5,113	\$8,547

(\$3,434)

THE BENEFITS OF QUEST

- + THE MOST ENERGY-EFFICIENT DEHUMIDIFIERS AVAILABLE
- + HIGH-CAPACITY, HIGH-QUALITY DEHUMIDIFIERS WITH SUPERIOR AIR FILTRATION
- + THE MOST COMPLETE HUMIDITY CONTROL PRODUCT LINE
- + SUPERIOR U.S. TECHNICAL SERVICE AND SUPPORT
- + A FULL 5-YEAR WARRANTY ON EVERY PRODUCT
- + PATENTED TECHNOLOGY DEVELOPED IN MADISON, WISCONSIN

205

Specs	Quest 205	Competitor 180	Energy Star 65 Pint
Pints at 80°F (26.7°C)/60%RH	205	90	65
Pints per Kwh	5.7	3.8	3.9
Market cost per Kwh	\$0.17	\$0.17	\$0.17
Unit price	\$3,042	\$1,199	\$285
Pints to be removed daily	205	205	205
Units needed	1	3	4
Days run per year	365	365	365
Annual electricity cost	\$2,231	\$3,347	\$3,261
Daily electricity cost	\$6.11	\$9.17	\$8.94
Cost of ownership			
1 year	\$5,273	\$6,944	\$4,401
2 years	\$7,505	\$10,291	\$7,663
3 years	\$9,736	\$13,639	\$10,924
4 years	\$11,968	\$16,986	\$14,186
5 years	\$14,200	\$20,334	\$17,448

(\$6,134) **(\$3,247)**

155

Specs	Quest 155	Competitor 180	Energy Star 65 Pint
Pints at 80°F (26.7°C)/60%RH	155	90	65
Pints per Kwh	7.3	3.8	3.9
Market cost per Kwh	\$0.17	\$0.17	\$0.17
Unit price	\$2,073	\$1,199	\$285
Pints to be removed daily	155	155	155
Units needed	1	2	3
Days run per year	365	365	365
Annual electricity cost	\$1,318	\$2,531	\$2,466
Daily electricity cost	\$3.61	\$6.93	\$6.76
Cost of ownership			
1 year	\$3,391	\$4,929	\$3,321
2 years	\$4,708	\$7,460	\$5,787
3 years	\$6,026	\$9,991	\$8,253
4 years	\$7,343	\$12,522	\$10,719
5 years	\$8,661	\$15,053	\$13,185

(\$6,392) **(\$4,525)**

225

Specs	Quest 225	Competitor 300	Reheat / HVAC Solution
Pints at 80°F (26.7°C)/60%RH	225	240	1000
Pints per Kwh	6.1	4.35	1.9
Market cost per Kwh	\$0.17	\$0.17	\$0.17
Unit price	\$3,149	\$3,100	\$25,000
Pints to be removed daily	1000	1000	1000
Units needed	5	5	1
Days run per year	365	365	365
Annual electricity cost	\$10,172	\$14,264	\$32,658
Daily electricity cost	\$27.87	\$39.08	\$89.47
Cost of ownership			
1 year	\$25,917	\$29,764	\$57,658
2 years	\$36,089	\$44,029	\$90,316
3 years	\$46,261	\$58,293	\$122,974
4 years	\$56,434	\$72,557	\$155,632
5 years	\$66,606	\$86,822	\$188,289

(\$20,216) **(\$121,684)**

QUEST 185 COOL

DEHUMIDIFIER & CONDENSER

If heat is your issue, Quest has the solution. The Quest 185 Cool is a split system dehumidifier with 4300 BTUs of sensible cooling. The two-piece design allows the sensible heat load generated from dehumidifying the room to be released in the outside condensing unit, eliminating the need for additional cooling and reducing air conditioner run time.

DEHUMIDIFIER

- + 185 PINTS | 88 LITERS | 23.1 GALLONS
- + 20.25"W X 21.75"H X 38"L
(51.4CM X 55.3CM X 96.5CM)
- + 1.4 AMPS
- + 115 V
- + 6.6 PINTS/KWH
- + 10' POWER CORD
- + 4300BTUs COOLING
- + 24V CONTROL
- + EXTERNAL CONTROL NEEDED

CONDENSER

- + 10"W X 25.5"H X 33"L
(25.4CM X 64.8CM X 83.8CM)
- + 9.7 AMPS
- + 115V
- + HARD-WIRED
- + REFRIGERANT TYPE: R410A



QUEST 70

HIGH-EFFICIENCY DEHUMIDIFIER

Humidity control in compact, unconditioned commercial spaces presents unique challenges. Variable temperatures and tight spaces mean you need a different solution. That's where the Quest 70 comes in. This dehumidifier is compact, cost-effective and high performing—and best yet, it has one of the widest temperature and relative humidity operating ranges we offer.

QUEST 70

- + 70 PINTS/DAY @80°F, 60%RH (70 PINTS | 33 LITERS | 8.8 GALLONS)
- + EFFICIENCY OF 5.0 PINTS/KWH
- + 10' CORD LENGTH
- + 5-YEAR WARRANTY
- + DUCTABLE - INTAKE AND EXHAUST KITS ARE AVAILABLE
- + ONBOARD DEHUMIDISTAT AND LOW VOLTAGE TERMINAL BLOCK

SPACE AN ISSUE? CHOOSE THE 70, 110 OR 150.

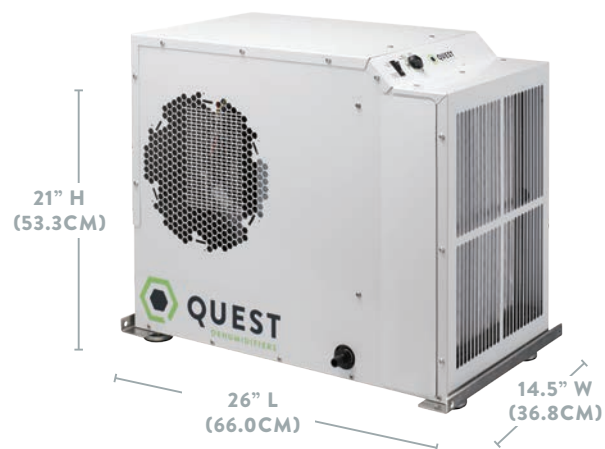
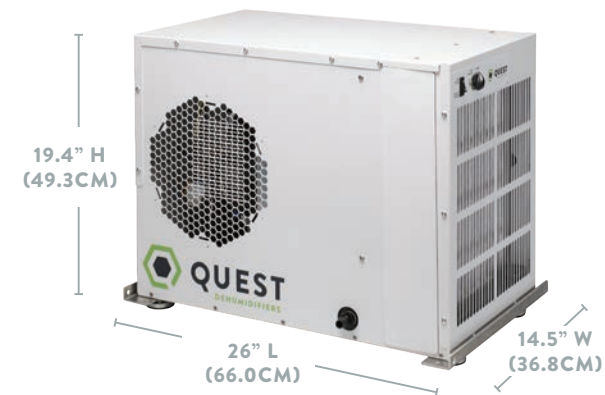
SEE PAGE 12 FOR QUEST DUAL 110 / 150 SPECS.



QUEST DUALS

110 / 150

OVERHEAD DEHUMIDIFIERS



**SPACE AN ISSUE?
CHOOSE THE 70, 110 OR 150.**
SEE PAGE 10 FOR QUEST 70 SPECS.

QUEST 110 DUAL

- + 110 PINTS/DAY @ 80°F/60% RH
(110 PINTS | 52 LITERS | 13.8 GALLONS)
- + 5.8 PINTS/KWH
- + 7.4 AMPS
- + MADE IN USA, BUILT TO LAST
- + UL RATED, ETL LISTED—THE HIGHEST SAFETY STANDARD
- + MERV 8 FILTRATION CAPTURES DANGEROUS AIRBORNE PARTICLES
- + 10' CORD PLUGS INTO STANDARD 115V OUTLET
- + 5-YEAR POWERTRAIN WARRANTY
- + FLEXIBLE CONTROLS NEVER NEED TO BE RESET



QUEST 150 DUAL

- + 150 PINTS/DAY @ 80°F/60% RH
(150 PINTS | 71 LITERS | 18.8 GALLONS)
- + 4.8 PINTS/KWH
- + 11.0 AMPS
- + MADE IN USA, BUILT TO LAST
- + UL RATED, ETL LISTED—THE HIGHEST SAFETY STANDARD
- + MERV 8 FILTRATION CAPTURES DANGEROUS AIRBORNE PARTICLES
- + 10' CORD PLUGS INTO A STANDARD 115V OUTLET
- + 5-YEAR POWERTRAIN WARRANTY
- + FLEXIBLE CONTROLS NEVER NEED TO BE RESET



DUCT COLLAR KITS ARE AVAILABLE FOR ALL DUALS.

QUEST CDG 74 / 174 PORTABLE DEHUMIDIFIERS

- + MADE IN USA, BUILT TO LAST
- + UL RATED, ETL LISTED—THE HIGHEST SAFETY STANDARD
- + MERV 11 FILTRATION CAPTURES DANGEROUS AIRBORNE PARTICLES
- + 5-YEAR POWERTRAIN WARRANTY
- + FLEXIBLE CONTROL
- + INTERNAL PUMP WITH 33' DETACHABLE HOSE

QUEST CDG 74 PORTABLE DEHUMIDIFIER



- + 74 PINTS/DAY @ 80°F (26.7°C)/60% RH
(74 PINTS | 35 LITERS | 9.3 GALLONS)
- + 5.0 AMPS
- + 20' CORD PLUGS INTO A STANDARD 115V OUTLET
- + LIGHTWEIGHT, PORTABLE—12" WHEELS AND RETRACTABLE HANDLE
- + HEAVY-DUTY ROTO CASE RESISTS DENTS AND SCRATCHES
- + 20"W X 17"D X 30"H
(50.8CM X 43.2CM X 76.2CM)



QUEST CDG 174 PORTABLE DEHUMIDIFIER



- + 174 PINTS/DAY @ 80°F (26.7°C)/60% RH—THE LARGEST CAPACITY PORTABLE DEHUMIDIFIER AVAILABLE
(174 PINTS | 82 LITERS | 21.8 GALLONS)
- + 10.0 AMPS
- + 25' CORD PLUGS INTO A STANDARD 115V OUTLET
- + PORTABLE DESIGN, 12" WHEELS
- + STAINLESS STEEL CASE
- + 23"W X 20"D X 40"H
(58.4CM X 50.8CM X 101.6CM)





A DIFFERENT WAY TO DRY.

In cases where near or below freezing dewpoints are needed or where external ducting isn't practical, Quest now offers desiccant dehumidification so you can remove more water at a wider operating range. Our desiccant dehumidifier can also be combined with Quest high efficiency dehumidifiers for maximum capacity with peak moisture loads.

We can help you personalize your system for an optimized grow environment and optimal yields.

QUEST DRY 132D DESICCANT DEHUMIDIFIER

- + 132 PINTS/DAY @80°F, 60%RH
(132 PINTS | 62 LITERS | 16.5 GALLONS)
- + 20" X 36" X 20"
(50.8CM X 91CM X 50.8CM)
- + 20' 115VAC POWER CORDS
(2 REQUIRED @ 15 AMPS EACH)
- + 5-YEAR WARRANTY
- + MULTIPLE DUCTING OPTIONS
- + VERTICAL OR HORIZONTAL OPERATION
- + LOW VOLTAGE TERMINAL BLOCK





FORM A MORE PERFECT CLIMATE.

Quest offers an ever-growing range of tools to help you make the most of your growing environment. That includes commercial grade air movers and scrubbers that can help you dial your growing environment and maximize yields.



QUEST F9 RADIAL AIR MOVER

- + AIRFLOW OF 925 CFM
- + 1.9 AMPS
- + ONBOARD CIRCUIT BREAKER AND BRANCH PROTECTION GFCI
- + CONNECT UP TO SIX F9s ON A SINGLE 15-AMP CIRCUIT
- + STACKABLE
- + HEAVY WALL POLYPROPYLENE HOUSING
- + BI-DIRECTIONAL CORD WRAP, SNAP LOCKING
- + INTEGRATED HANDLE—EASY TO CARRY
- + 20' POWER CORD
- + 17"W x 8.875"H x 20.5"D
(43.2CM X 22.5CM X 52.1CM)
- + MADE IN USA, BUILT TO LAST



QUEST H5 HEPA AIR SCRUBBER

- + VARIABLE SPEED WITH AIRFLOW UP TO 500 CFM
- + 2.4 AMPS
- + ONBOARD CIRCUIT BREAKER AND BRANCH PROTECTION GFCI
- + CONNECT UP TO FIVE H5s ON A SINGLE 15-AMP CIRCUIT
- + STACKABLE
- + HEAVY WALL POLYPROPYLENE HOUSING
- + CONVENIENT CORD WRAPPING AND STORAGE
- + INTEGRATED HANDLE—EASY TO CARRY
- + 25' POWER CORD
- + 22"W X 14"H X 24"D
(55.9CM X 35.6CM X 61.0CM)
- + MADE IN USA, BUILT TO LAST



QUEST PRODUCT ACCESSORIES

No two grow operations are created equal, which is why 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 [THERMASTORFILTERS.COM](https://thermastorfilters.com)

QUEST 506

- + FILTER MERV 13, 20" X 18" X 2" (REQUIRES 2 PER UNIT)
- + EXHAUST DUCT KIT
- + INTAKE DUCT KIT
- + PUMP KIT

QUEST DUAL 105 / 155 / 205 / 225

- + CASTERS
- + PUMP KIT
- + SUPPLY DUCT KIT
- + RETURN DUCT KIT
- + HANGING BRACKET
- + MERV 11 FILTER, 16" X 20" X 2"
- + REMOTE HUMIDISTAT
- + DEH 3000R CONTROL

QUEST 70

- + FILTER MERV 13, 11" X 9" X 1"
- + PUMP KIT
- + HANG KIT
- + DUCT KIT

QUEST 185 COOL

- + CASTERS
- + PUMP KIT
- + SUPPLY DUCT KIT
- + RETURN DUCT KIT
- + HANGING BRACKET
- + MERV 11 FILTER, 16" X 20" X 2"
- + REMOTE HUMIDISTAT
- + DEH 3000R CONTROL

QUEST DUAL 110 / 150

- + CASTERS
- + PUMP KIT
- + SUPPLY DUCT KIT
- + RETURN DUCT KIT
- + MERV 11 FILTER, 1.75" X 14" X 17.5"
- + MERV 8 FILTER, 17.5" X 14" X 1.75"
- + CARBON FILTER, 1.75" X 14" X 17.5"

QUEST CDG 74

- + MERV 8 FILTER, 12" X 12" X 1"

QUEST CDG 174

- + MERV 11 FILTER, 16" X 20" X 2"

QUEST DRY 132D

- + MERV 11 FILTER, 16" X 20" X 2"
- + MERV 8 FILTER, 12" X 12" X 1"

QUEST H5

- + HEPA FILTER, 19" X 19" X 3"
- + PRE FILTER, 18" X 18" X 1"



ABOUT THERMA-STOR®

Founded in Madison, Wisconsin, in 1977, Therma-Stor began by making heat recovery water heaters. Over the years, we've added more products: residential dehumidifiers including the Santa Fe and Ultra-Aire brands; Quest climate control equipment for construction, concrete, painting and lining applications; and the Phoenix brand of restoration equipment for dehumidification, air scrubbing, water extraction and evaporative drying.

Today, Therma-Stor is a leader in green technology, recognized for its high-efficiency products that are unparalleled in the industry.





Quest removes more water,

produces less heat,

uses less electricity and

SAVES YOU MORE MONEY.



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