PHOENIX

DRY FAST.
DRY SMART.
DRY PROFITABLE.

USEPHOENIX.COM ■ 1-800-533-7533

MADISON, WI

DURABILITY THAT WEATHERS THE STORM.

For 25 years, Phoenix has been redefining Restoration Equipment. Every product is designed to create the most complete product offering for every drying scenario.

Our goal is to make your project simpler. And more profitable.

DryLINK App

SCHEDULE SMARTER.

MONITOR
Monitor your drying jobs in real time.

TRACK
Track progress on all affected areas.

REPORT
Detailed reports at your fingertips.

Download on the App Store

GET IT ON Google Play

INSTANT DATA

Share drying reports with your team, customer, or the insurance agency via text or email.

- Customize with your logo.
- Track progress on all affected areas.
- Monitor readings of all affected materials.
- Automatically adds equipment and usage to report.
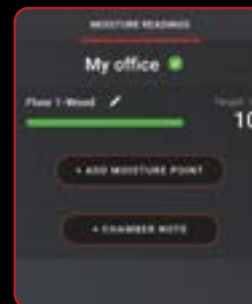- Add notes throughout the project.

The New Phoenix DryLINK app allows you to manage your drying jobs and coordinate with your team seamlessly from your phone.
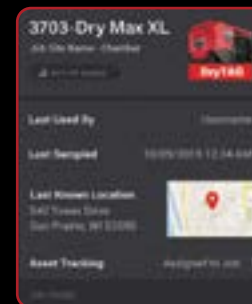
Also available in blue.

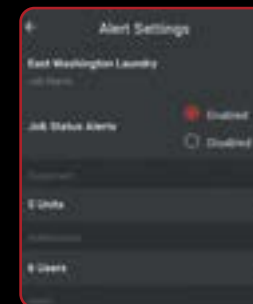Gather readings instantly from all Bluetooth equipment in range.

View atmospheric readings for a specific chamber.

View moisture readings for chambers and add related notes.

Manage your equipment on any given job site.

Receive a variety of alerts, including equipment going offline, turned off, and when paired with DryPHONE.

DryLINK Enabled Equipment
Our DryMAX BLE, DryMAX XL and AirMAX BLE are available with Bluetooth technology allowing you to automatically connect these units to DryLINK. Just look for the Bluetooth sticker!

DryTAG *(PN 4041835)*
Turn your entire fleet into Smart Equipment with Phoenix's DryTAG option. This battery-powered Bluetooth beacon works with any brand of equipment to provide last know location and hours of operation. Paired with DryPHONE, this beacon can send alerts if equipment loses power.*

* DryTAG does not provide Temperature and RH data.

DryPHONE *(PN 4041845)*
The Phoenix DryPHONE offers access-from-anywhere convenience to DryLINK enabled equipment. This inexpensive option provides a number of benefits including the ability to send alerts when equipment is turned off or when a goal has been reached.

Xactimate Remote Monitoring Codes With DryPHONE (Gateway):

WTRRM Remote Monitoring with up to 10 sensors: $55/day*

WTRRMG Remote Monitoring - additional gateway: $30/day*

WTRRMS Remote Monitoring - additional sensor (each): $3/day*

DRYMAX & DRYMAX BLE

PART NUMBER:	4036000 (DryMAX)
PART NUMBER:	4038500 (DryMAX BLE)
PINTS/DAY @ AHAM:	80
AMPS:	5.7
CFM:	170
SIZE:	12"W X 17.5"H X 21"D, 63 LBS.
XACTIMATE CATEGORY:	L
XACTIMATE CODE:	WTRDHM>
RATE/DAY:	$73.13*

- Compact size, large performance
- Onboard storage for 25' power cord and 33' condensate hose
- Heavy-duty condensate pump
- Viewable status bar and customizable digital display
- Easy access for service and filter replacement
- Bluetooth compatible version available, order DryMAX BLE

Retractable handle

Convenient hose and cord storage

Optional blue rotomold cabinet (PN 4036060)

Wheels for easy transport

Outlet ductable

Superior stacking capability

R175

PART NUMBER:	4029200
PINTS/DAY @ AHAM:	92
AMPS:	6.3
CFM:	230
SIZE:	20"W x 33.5"H x 20"D, 105 lbs.
XACTIMATE CATEGORY:	L
XACTIMATE CODE:	WTRDHM>
RATE/DAY:	$73.13*

- Vertical, retractable handle allows for easy transport up and down stairs
- Ducting options for flexible drying configurations
- Convenient cord and hose storage
- Large, inset wheels
- Lightweight, durable rotomold cabinet
- Stackable design for easy storage

Patented **BYPASS**™ TECHNOLOGY

- Downward focused exhaust and flexible ducting

R250

PART NUMBER:	4034460
PINTS/DAY @ AHAM:	135
AMPS:	8.3
CFM:	310
SIZE:	20"W x 33.5"H x 20"D, 109 lbs.
XACTIMATE CATEGORY:	XL
XACTIMATE CODE:	WTRDHM>>
RATE/DAY:	$114.72*

- XL category, 135 pints/day
- Vertical, retractable handle and inset wheels allowing for easy transport
- Ducting options for flexible drying configurations
- Convenient cord and hose storage
- Lightweight, durable rotomold cabinet
- Stackable design for easy storage

Patented **BYPASS**™ TECHNOLOGY

- Downward focused exhaust and flexible ducting

DRYMAX XL

PART NUMBER:	4037000
PINTS/DAY @ AHAM:	125
AMPS:	7.7
CFM:	300
SIZE:	16"W X 17.5"H X 24"D, 88 LBS.
XACTIMATE CATEGORY:	XL
XACTIMATE CODE:	WTRDHM>>
RATE/DAY:	$114.72*

- Ultra compact design with XL performance
- Superior stacking capability
- Patented five-coil design with auto adjusting fan speed for maximum LGR performance
- Bluetooth enabled to integrate with Free DryLINK app
- Easy access for filter replacement and service

Optional blue rotomold cabinet (PN 4037060)

State-of-the-art graphical control panel

Convenient hose and cord storage

Integrated fold-down handle

Dual 10" or single 14" layflat ducting options

Wheels for easy transport

250 MAX

PART NUMBER:	4030010
PINTS/DAY @ AHAM:	145
AMPS:	8.2
CFM:	365
SIZE:	20"W x 40"H x 23"D, 119 lbs.
XACTIMATE CATEGORY:	XL
XACTIMATE CODE:	WTRDHM>>
RATE/DAY:	$114.72*

- Most energy efficient LGR
- Operates up to 125°F
- Fixed high-temp, ByPass™ technology
- Outperforms competitors at all temperature conditions without needing adjustments on the job
- Stainless cabinet provides sleek and protective covering

Patented **BYPASS**™ TECHNOLOGY

- Powerful, downward focused exhaust

D385

PART NUMBER: 4026700	
PINTS/DAY @ AHAM: 130	
AMPS: 24	
CFM: 385 (75 Reactivation Airflow)	
SIZE: 24.25"W x 40"H x 21.375"D, 105 lbs.	
VOLTS: 115	
XACTIMATE CODE: WTRDHMD	
RATE/DAY: $230.00*	

- Wide operating range allows for water removal regardless of climate conditions
- Operates on two separate 115V circuits
- High-capacity performance
- Portability allows for easy transport and set up
- Stainless cabinet provides sleek and protective covering
- Fits inside most crawl spaces

- Powerful air flow and durable wheels

D850

PART NUMBER: 4034000	
PINTS/DAY @ AHAM: 370	
AMPS: 24-40	
CFM: 850 (225 Reactivation Airflow)	
SIZE: 20"W x 41"H x 23.25"D, 155 lbs	
VOLTS: 208-240	
XACTIMATE CODE: WTRDHMD>	
RATE/DAY: $576.31*	

- Wide operating range allows for water removal regardless of climate conditions
- Powerful air movement and high-capacity performance
- Portability allows for easy transport and set up
- Stainless cabinet provides sleek and protective covering
- Adjustable process CFM

- 30 and 50 amp 8 foot cords

4800

PART NUMBER: 4034820 (without frame & docking station)	
PART NUMBER: 4034830 (with frame, no docking station)	
PART NUMBER: 4034840 (no frame, with docking station)	
PART NUMBER: 4034850 (with frame and docking station)	
PINTS/DAY @ AHAM: 3032	
AMPS: 102	
CFM: 4800 (2000 Reactivation Airflow)	
SIZE: 1550 lbs. / 1765 lbs. with frame	
VOLTS: 480V 3 Phase	
XACTIMATE CODE: WTRDHMDT5K	
RATE/DAY: $1,560.00*	

- Electrical option allows for installation flexibility
- Extremely wide operating range of -10°F to 140°F
- Reactivation Sensor allows it to always operate under optimum conditions
- Lightweight construction is only 1,550 or 1,765 lbs.

- Constructed of aluminum for maximum strength and corrosion resistance

FIREBIRD COMPACT 20

PART NUMBER: 4033450	
BTUS: 20,000 Max (5,000 BTUs/Circuit)	
AMPS: (1)-(4) 12 Amp Circuits	
CFM: 250	
SIZE: 13"W x 12.5"H x 26"D, 35 lbs.	
FILTER: MERV-11	
XACTIMATE CODE: WTRHTAM	
RATE/DAY: $180.00*	

Note: Cords are not included with this unit.

- ETL listed to UL/CSA standards
- Powerful heat in a lightweight, compact and portable footprint
- Start up delay prevents sparking
- Sensors disable heating elements if blocked airflow or overheating conditions are detected
- Constructed of double walled enclosures to ensure external surfaces are safe to touch
- Remote thermostat to control heat from anywhere in drying space

- Multiple heating and ducting options
- High-efficiency MERV-11 filtration

FIREBIRD

PART NUMBER: 4027300	
BTUS: 18,000-31,000	
AMPS: 24-40	
30 AMP: 24 Amp per NEC Standard and 46°F Temperature Rise	
50 AMP: 40 Amp per NEC Standard and 80°F Temperature Rise	
CFM: 360	
SIZE: 20.25"W x 40"H x 21.4"D, 90 lbs.	
AMP SELECTION: Volts (220-240)	
XACTIMATE CODE: WTRHTAM	
RATE/DAY: $180.00*	

- ETL listed to UL/CSA standards
- Ductable for targeted heat distribution
- Remote thermostat to control heat from anywhere in drying space
- Internal safety thermal cutouts to prevent overheating of an area
- Automatic Low-Airflow Shutoff
- Stainless steel cabinet

- 30 and 50 amp 8 foot cords

POWERFUL. PORTABLE. SAFE.

Phoenix electric heat drying systems are tested for the highest safety standards. Our FireBird line features:

- ETL listed to UL/CSA standards.
- Startup delay to prevent potentially dangerous arcing/sparking on startup.
- All heating elements are shielded in a double-wall enclosure.

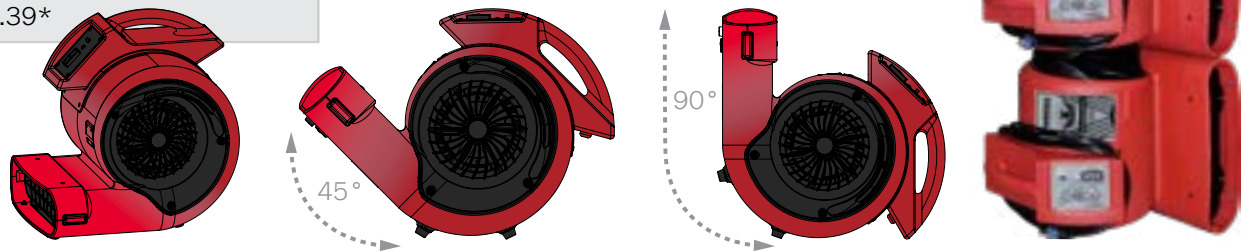## STACKABLE CAM PRO

PART NUMBER: 4031236	
AMPS: 2.0-2.6	
CFM: 1050	
SIZE: 17.25"W X 20"H X 19.4"D, 27 lbs.	
CIRCUIT: 15A GFCI Duplex Receptacle	
XACTIMATE CODE: WTRDRY	
RATE/DAY: $25.39*	

- 1/3 horse power motor design and proprietary blower technology
- Efficient, powerful and durable
- Multiple contact points and interlocking side grills
- Multiple position options for maximum drying flexibility
- Onboard GFCI allows up to 4 units on a standard 15 amp circuit
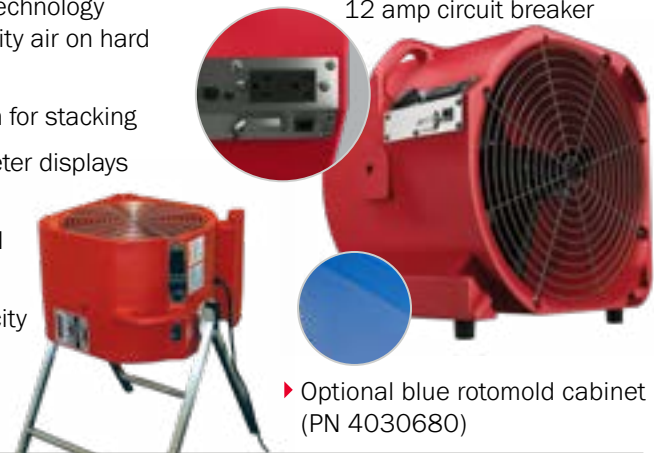- Stacks up to four units high

45°   90°

AXIAL AIR MOVER

PART NUMBER: 4025200	
AMPS: 2.5	
CFM: 3000	
SIZE: 19.9"W x 19.5"H x 15.2"D, 29.5 lbs.	
CIRCUIT: 15A GFCI Duplex Receptacle	
XACTIMATE CODE: WTRDRY+	
RATE/DAY: $29.78*	

- Patented air flow technology focuses high velocity air on hard to dry areas
- Interlocking design for stacking
- Automatic hour meter displays site run time
- Stainless steel grill
- Optional stand for maximum air velocity
- Onboard duplex GFCI with 12 amp circuit breaker
- Optional blue rotomold cabinet (PN 4030680)

AIRMAX & AIRMAX BLE

PART NUMBER: 4035000 (AirMAX)	
PART NUMBER: 4038310 (AirMAX BLE)	
AMPS: 1.9	
CFM: 925	
SIZE: 17"W x 8.875"H x 20.5"D, 21 lbs.	
CIRCUIT: 15A GFCI Duplex Receptacle	
XACTIMATE CODE: WTRDRY	
RATE/DAY: $25.39*	

- Low-profile, compact footprint
- Easy winding cord and integrated handle for maximum portability
- Optimized outlet shape delivers high velocity air
- Stability in all 4 drying positions provides flexibility and safety
- Convenient GFCI receptacle provides protection
- Nesting design provides superior stacking capability
- Optional blue rotomold cabinet (PN 4035060)

- Bluetooth compatible version available, order AirMAX BLE

GUARDIAN

PART NUMBER: 4024848	
FILTRATION: HEPA	
AMPS: 7.5 or 12	
CFM: 900 or 1400	
SIZE: 25"W x 39"H x 25"D, 131 lbs.	
XACTIMATE CODE: WTRNAFAN>>	
RATE/DAY: $140.00*	

- Three-stage filter operation with HEPA
- Optional Carbon/Potassium Permanganate filter adsorbs odors and gases
- Designed to provide proper pressure to control the spread of contaminates
- Built-in manometer provides airflow measurement
- Multi-ducting options

HEPA FILTRATION

GUARDIAN R

PART NUMBER: 4031350	
FILTRATION: HEPA	
AMPS: 2.4	
CFM: 250-500	
SIZE: 22"W x 14"H x 24"D, 33 lbs.	
XACTIMATE CODE: WTRNAFAN	
RATE/DAY: $70.00*	

- The most compact, portable True HEPA air filtration device made
- Two-stage filtration design with optional carbon filter
- High energy efficiency
- Durable, lightweight and stackable rotomold design
- High performance and portability
- Variable speed airflow
- Onboard duplex GFCI and circuit breaker
- Optional blue rotomold cabinet (PN 4031460)

- Stackability for compact storage

Pleated pre-filter and HEPA filtration captures all removable particles

Small footprint and tough rotomold cabinet

Multiple ducting options for inlet and outlet

HYDRO-X XTRACTOR

PART NUMBER: 4025600

FPM: 0-28 in Forward and Reverse

AMPS: 2.5

VAC: 110-120

SIZE: 17"W x 52"H x 20.5"D, 70 lbs.

XACTIMATE CODE: WTREXTW

RATE/DAY: $.83 Sq. Ft.*

▸ Extract up to 1,200 sq. ft. in two hours

▸ Self propelled and easy steering

▸ Compatible with a portable or truck mount vacuum source

▸ Variable speed for every carpet and pad type

▸ Extracts in both forward and reverse

▸ Virtually maintenance free

▸ Convenient caddy for easy transport

HYDRO-X VAC PAC

PART NUMBER: 4025601

AMPS: 13.5 (Vac Motor) / 4.5 (Pump Motor)

Suction Rating: 10"

SIZE: 16"W x 26"H x 13"D, 74 lbs.

XACTIMATE CODE: WTREXTW

RATE/DAY: $.83 Sq. Ft.*

▸ Outperforms suction power of large truck mount units

▸ Industrial vacuum and water pump with dual motors

▸ Superior portability

▸ Compatible with other brand extraction tools

▸ Maintenance free

▸ Convenient handle and easy-to-use controls

FOR DEHUMIDIFICATION EQUIPMENT

STEP 1: Determine the cubic feet of the affected area.

Cubic Feet of affected area = (width) x (length) x (height) or (square footage of affected area) x (height of ceiling).

STEP 2: Determine the class of water damage.

CLASS 1: Slow Rate of Evaporation – (least amount of water absorption and evaporation load): Water intrusion where low porosity materials (e.g., hard surface flooring, plaster, concrete) or medium porosity materials (e.g., structural framing, wood substrates) have absorbed minimal moisture; less than 5% of the combined floor, wall and ceiling surface area in the space is wet, highly porous material (e.g., carpet, gypsum wallboard).

CLASS 2: Fast Rate of Evaporation – (significant amount of water absorption and evaporation load): Water intrusion where wet, highly porous materials (e.g., carpet, gypsum wallboard) represent more than 5%, but less than 40% of the combined floor, wall and ceiling surface area in the space.

CLASS 3: Fastest Rate of Evaporation – (greatest amount of water absorption and evaporation load): Water intrusion where wet, highly porous materials (e.g., carpet, gypsum wallboard) represent more than 40% of the combined floor, wall and ceiling surface area in the space.

CLASS 4: Specialty Drying Situations – (deeply held or bound water): a water intrusion that involves a significant amount of water and absorption into low porosity materials (e.g., hard surface flooring, plaster, concrete) or assemblies (e.g., gym floors, structural cavities, multiple layers of gypsum wallboard) that have a low rate of evaporation due to deeply held or bound water. Drying may require special methods, longer drying times, or substantial vapor pressure differentials.

Other factors can impact the drying environment. Restorers should understand and consider these factors when estimating the drying capacity needed to prevent additional damages and begin the drying process. These factors include:

• Influence of heating, ventilating, and air conditioning (HVAC) systems
• Build-out density of the affected area
• Building construction complexity
• Influence of outdoor weather

STEP 3: Determine the proper division factor.

The division factor is determined by the class of water damage and the type of dehumidifier used.

Initial Dehumidification Factors for Simple Calculation - IICRC

TYPE OF DEHUMIDIFIER	CLASS 1	CLASS 2	CLASS 3	CLASS 4
CONVENTIONAL REFRIGERANT	100	40	30	N/A
LOW GRAIN REFRIGERANT (LGR)	100	50	40	40
DESICCANT	1 ACH	2 ACH	3 ACH	3 ACH

Initial Dehumidification Factors for Simple Calculation - Chuck Dewald Structural Drying Academy

TYPE OF DEHUMIDIFIER	CLASS 1	CLASS 2	CLASS 3	CLASS 4
LOW GRAIN REFRIGERANT (LGR)	70	40	30	70
DESICCANT	2 ACH	4 ACH	5 ACH	2 ACH

STEP 4: Determine pints of dehumidification needed per day.

Pints needed per day =

$$\frac{\text{Cubic Feet of Affected Area (from Step 1)}}{\text{Division Factor (from Step 3)}}$$

STEP 5: Determine dehumidifier's rated performance at AHAM (80°F/60%RH).

Use the Dehumidifier chart to the right to determine performance.

STEP 6: Determine number of dehumidifiers required.

Number of dehumidifiers required =

$$\frac{\text{Pints of Dehumidification Needed Per Day (from Step 4)}}{\text{Dehumidifiers Rated Performance at AHAM (from Step 5)}}$$

DEHUMIDIFIER	PINTS @ AHAM
Phoenix DryMAX	80
Phoenix R175	92
Phoenix DryMAX XL	125
Phoenix D385	130
Phoenix R250	135
Phoenix 250 MAX	145
Phoenix D850	370
Phoenix 4800	3032

LGR DEHUMIDIFIERS

▸ DryMAX

55% MERV-10 Filter*	4037046
10" Round Lay-Flat Duct, 250'	4024935
10" Duct Ring	4037048

▸ DryMAX XL

55% MERV-10 Filter*	4038558
10" Round Lay-Flat Duct, 250'	4024935
14" Round Lay-Flat Duct, 250'	4024936
12" Intake Flex Duct, 25'	4024750
10" Dual Duct Ring	4029853
14" Single Duct Ring	4029854

▸ R175 / R250

65% MERV-11 Filter* (Standard)	4025568
30% MERV-8 Filter*	4026315
10" Round Lay-Flat Duct, 250'	4024935
10" Duct Ring	4026309-01
12" Intake Flex Duct, 25'	4024750

▸ 250 MAX (STAINLESS SERIES)

65% MERV-11 Filter*	4021475
35% MERV-8 Filter*	4024969
10" Round Lay-Flat Duct, 250'	4024935
12" Intake/Exhaust Flex Duct, 25'	4024750
Wire Duct Ring	4028593-01

DESICCANT DEHUMIDIFIERS

▸ D385

React Filter MERV-7*	4026315
Process Filter MERV-11*	4021475
6" React Intake/Exhaust Flex Duct, 25'	4026859
10" Round Lay-Flat Duct, 250'	4024935

▸ D850

React Filter*	4027168
Process Filter MERV-8*	4022636
6" React Intake/Exhaust Flex Duct, 25'	4026859
10" Round Lay-Flat Duct, 250'	4024935

ELECTRIC HEAT DRYING SYSTEMS

▸ FireBird Compact 20

65% MERV-11 Filter*	4030671
8" Inlet Duct Flange Kit	4033895
4 Cord Kit, 120V	4032773
8" Inlet/Outlet Flex Duct	4027415

▸ FireBird

65% MERV-11 Filter*	4021475
8" Compact Heater Duct Kit	4033895
4 Cord Kit, 120V	4032773
Extension Cord, 50 Amp/230V, 25'	4027326
12" Inlet Flex Duct	4024750

AIR MOVERS & SCRUBBERS

▸ Guardian

HEPA Filter	4023244
Carbon/Potassium Filter, 10 lbs.	4023487
Reusable Carbon Filter Frame	4024764
Carbon/Potassium Blend, 5 Gal.	4024528
Spun Polyester Pre-Filter	4023374
Polyester/Cotton Pleated Pre-Filter*	4023375
18" Intake Flex Duct, 25'	4023643
12" Intake/Exhaust Flex Duct, 25'	4024750
10" Round Lay-Flat Duct, 250'	4024935
14" Round Lay-Flat Duct, 250'	4024936
10" Duct Ring	4024078
14" Duct Ring	4024079

▸ Axial Air Mover

Stand	4025460

▸ Guardian R

HEPA Filter, 2.5" x 18" x 18"	4031864
Pleated Pre-Filter*, 1" x 18" x 18"	4031877
Carbon/Potassium Filter, 3.5 lbs.	4031878
16" Intake Flex Duct, 25'	4028357
10" Round Lay-Flat Duct, 250'	4024935

WATER EXTRACTION

▸ Hydro-X Xtractor & Vac Pac

Hydro-X Caddy Kit	4025734
Suction Chamber Cover Kit	4025369

METERS & OTHER TOOLS

▸ Meters

Phoenix HM-40	4034285
Phoenix HM-40 Probe	4034345
Phoenix HS-1	4036506

▸ Miscellaneous

Phoenix Containment Weight, 12-Pack	4035853
Phoenix Duct Adapter, Flex Duct up to 12"	4035861

*Available as single filter or 12-pack filters.

PHOENIX

MADISON, WI