

Owner's Manual — AF365

Installation, Operation & Service Instructions

Read and Save These Instructions

The AF365 is the latest LGR dehumidifier in the Phoenix Stainless Series. This unit is a 162 ppd (@AHAM), 119 lb. LGR with outstanding low grain and hi-temp performance. The unit pulls only 9.3 amps and has a powerful 365 CFM of airflow.

The AF365 combines the latest in Phoenix technology with a lineage dating back to the original Phoenix 200. The Phoenix 200, the first dehumidifier to be described as an LGR (Low Grain Refrigerant) dehumidifier, revolutionized the restoration industry. Next Phoenix introduced the legendary 200 MAX, which has been a top seller for almost 2 decades, followed by the addition of the Phoenix 200 HT featuring excellent high-temperature performance. With the AF365, Phoenix has now combined the best features of the 200 MAX and the 200 HT into one unit.

The AF365 LGR, High Capacity Dehumidifier

- **High Capacity** - Removes 162 pints per day at AHAM
- **9.3 amps** - Removes over 6.5 pints/kWh.
- **4-Line Display** - Control Board with Status Bar.
- **R-410A Refrigerant**
- **More Grain Depression** - Drier air from an LGR finishes jobs quicker versus a conventional refrigerant dehumidifier.
- **Focused Airflow** - Patented focused outlet directs air downward across the wet surface.
- **Motorized Impeller** - 365 CFM; Faster drying and superior static pressure for ducting.
- **Multiple Ducting Options** - 12" Inlet, 10" Outlet.
- **Recessed 12" Wheels** - Allows greater maneuverability on the job site and efficient storage. Rolls over obstacles with ease.
- **MERV-11 Pleated Media Air Filter**



AF365
4030030



www.youtube.com/user/usephoenix

TS-911

Specifications subject to change without notice. 10/16 Rev. A

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Serial No. _____

Purchase Date ____/____/____

Dealer's Name _____

Read the operation and maintenance instructions carefully before using this unit. Proper adherence to these instructions is essential to obtain maximum benefit from your AF365 dehumidifier.

1 Specifications

Part No.	4030030
Power	110-120 VAC, 9.3 amps
Water Removal	162 pints/day @ AHAM (80 °F, 60%)
Refrigerant Charge	2 lbs 4 oz R410a
Blower	365 CFM Internal Condensate Pump with 20 lift, 30' vinyl hose
Operating Range	33 °F to 105 °F
Filters	16" x 20" Standard 2" Pleated Media 65% MERV-11
Duct Options	Inlet - 12" Flex-Duct Outlet - 10" Lay-Flat
Warranty	Five years; First year 100% of Parts and Labor Second-fifth year 100% of Parts of sealed refrigeration system.

Dimensions:

	Dehumidifier
Width	20"
Height	40"
Depth	23"
Weight	119 lb

2 Operation

2.1 Transporting the AF365

The AF365 must always be upright when transported by vehicle. It may be tipped on to its handle and back for loading and moving by hand.

If the unit is transported on its side, let it sit upright at least 30 minutes before use.

2.2 Location

Note the following precautions when locating the AF365:

- It is designed to be used **INDOORS ONLY**.
- If used in a wet area, plug it into a **GROUND FAULT INTERRUPTER**.
- **DO NOT** use the AF365 as a bench or table.
- It must always be used in the upright position.

- The air inlet on top & the side outlet must be at least 1 foot from walls and other obstructions to air flow.
- If the humid area is very large, dehumidification can be improved by adding an outlet duct to circulate air to stagnant areas (see Sec. 2.5).

- Inlet = Temperature and RH/Grains
- Outlet = Temperature and RH/ Grains
- Hours = Job hours and Life hours
- Grain Depression = Grains per pound value

Light Bar = On
Color = Green

2.3 Electrical Requirements

The AF365 plugs into a common grounded outlet on a 15 Amp circuit. It draws 9.3 Amps at 80°F, 60% RH. Amp draw increases with increasing temperature and/or humidity. If used in a wet area, a ground fault interrupter (GFI) is required.

If an extension cord is required, it must have a minimum of 14 gauge conductors if 25 feet long or less and 12 gauge conductors if greater than 25 feet long.

2.4.3 Navigation



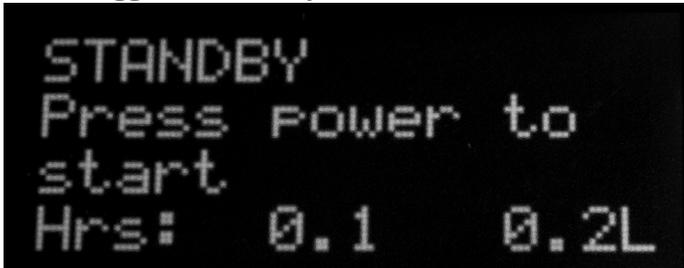
Press the  key to advance to the next screen or to enter a value



Press the  key to scroll through available values

2.4 Control Panel

2.4.1 Plugged In - Standby Mode



When plugged in, the display will communicate to the user that the machine is in Standby mode and ready to be powered on. In Standby Mode, the display will also show the current job and life hours on the fourth line.

Light Bar = Off

2.4.4 Purging



Press the  button to purge the machine.

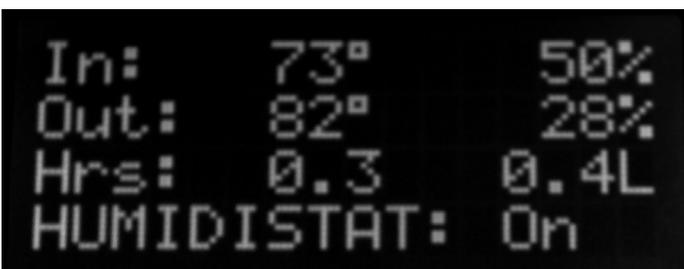
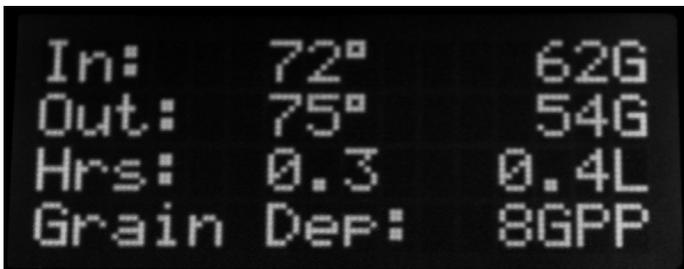
The display will communicate to the user that the machine is purging on the fourth line of the dashboard and show a 20 second countdown timer. This will momentarily replace grain depression until the machine has finished purging.

The display will also communicate to the user that the machine is auto purging in the fourth line of the dashboard and show a 20 second countdown timer.

Light Bar = On

The light bar colors and animations will persist while the machine is purging.

2.4.2 Dashboard



Dashboard while in Humidistat Mode

When the machine is dehumidifying the unit will display:

2.4.5 Defrosting



The display will communicate to the user that the machine is defrosting on the fourth line of the dashboard. This will momentarily replace grain depression until the machine has finished defrosting.

Light Bar = On

Color = Blue

2.4.6 Job/Life Hours



Press and hold the  key for three seconds to reset the job hours from any screen.

Press Next to advance to the next screen.

The life hours are fixed and cumulative from the first use

Light Bar = On

The light bar colors and animations will persist while in Settings.

2.4.7 Humidistat Mode



The default mode is Humidistat "Off"

Press the Set button to toggle the Humidistat Mode On/Off.



Press the Next button to advance to the next screen. If Humidistat mode is enabled, then proceed to Humidistat Set point. Else, proceed to Humidity Units.

Light Bar = On

The light bar colors and animations will persist while in Settings.

2.4.8 Humidistat Set Point



Press the Set button to adjust the set point RH% in 5% increments ranging from 20% RH to 80% RH and then looping back to 20% RH.

Press the Next button to confirm selection and advance to the next screen.

Light Bar = On

The light bar colors and animations will persist while in Settings.

2.4.9 Humidistat Fan Mode



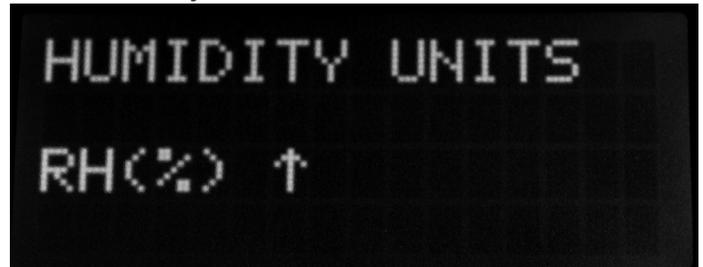
Press the Set button to toggle the Humidistat Fan mode from Always On to Auto.

Press the Next button to confirm selection and advance to the next screen.

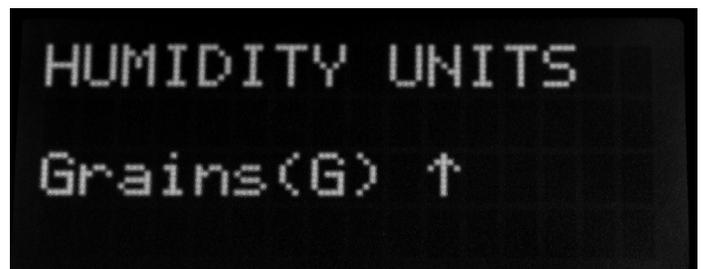
Light Bar = On

The light bar colors and animations will persist while in Settings.

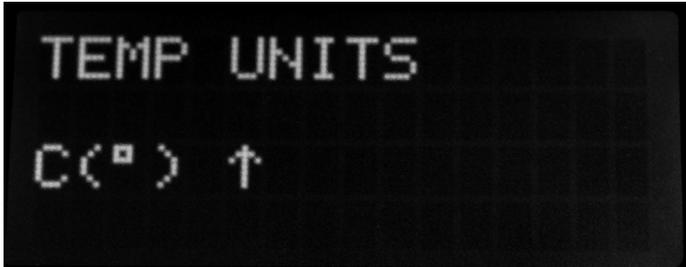
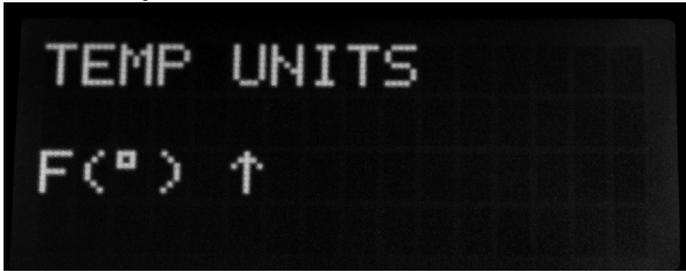
2.4.10 Humidity Units



Press the Set button to toggle the humidity units between RH and grains. This will affect the readout on the right of the home screen on lines one and two which show the inlet and outlet conditions.



2.4.11 Temperature Units



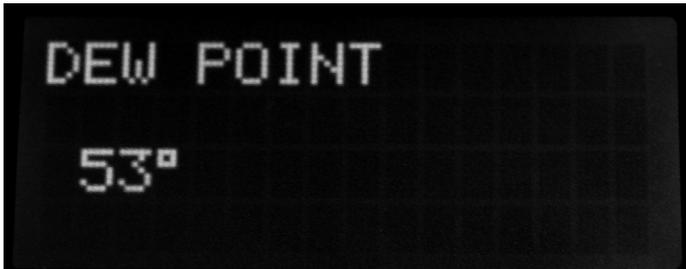
Press the Set button to toggle the temperature units between F (o) and C (o)

Press the Next button to confirm selection and advance to the next screen.

Light Bar = On

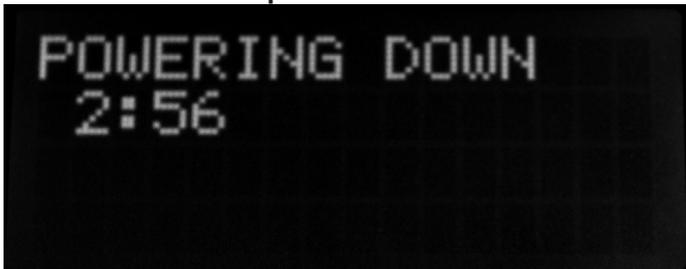
The light bar colors and animations will persist while in Settings.

2.4.12 Dew Point



The screen displays the ambient dew point.

2.4.13 Shut Down Sequence



Press the Set button to adjust the shutdown time in one minute increments ranging from 3 – 20 minutes.

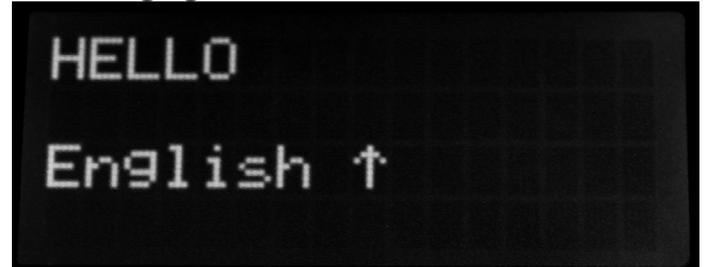
The shutdown time allows the blower to run to remove water from the coil and to allow the evaporator to acclimate to the

ambient conditions. At the end of the shutdown time the unit will automatically purge to remove any remaining water.

The proper shutdown is dependent on conditions. Increasing your shutdown time will help ensure there is no residual water in the unit.

Important - Unplugging the unit without running the shutdown sequence will allow water to remain in the unit after use. If the unit is tilted more than 20 degrees on the non-handle side, water may spill out of unit.

2.4.14 Language



The display will greet the user in order to help them identify the language settings for the machine.

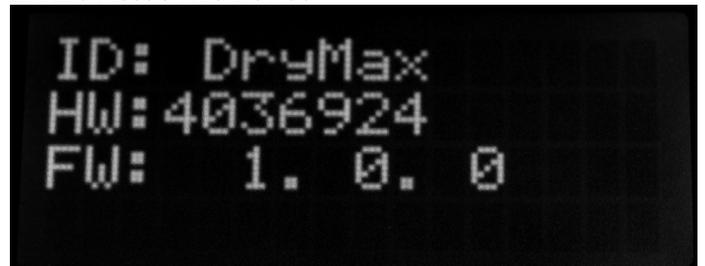
Press the Set button to browse available languages.

Press the Next button to confirm selection and advance to the next screen.

Light Bar = On

The light bar colors and animations will persist while in Settings.

2.4.15 About This Device



The following information is displayed on the About this Device screen:

Device ID

Hardware Version

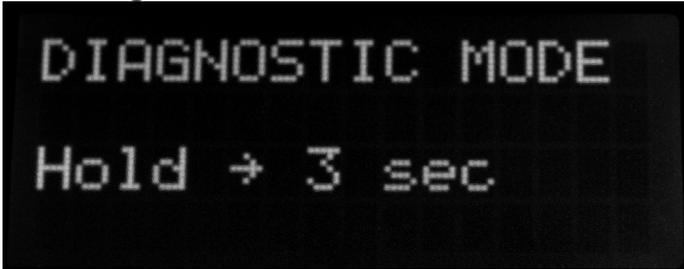
Firmware Version

Press the Next button to advance to the next screen.

Light Bar = On

The light bar colors and animations will persist while in Settings.

2.4.16 Diagnostic Mode



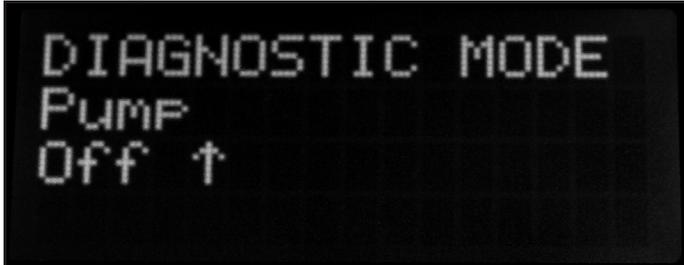
Press the Next button for 3 seconds to enter Diagnostic Mode. This action can also be performed at any time while the machine is powered on.

If Alerts are active, press the Next button to advance to the next screen. Else, press the Next button to return to the Dashboard.

Light Bar = On

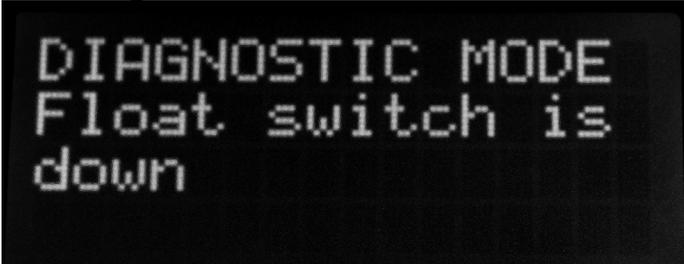
The light bar colors and animations will persist while in Settings.

2.4.17 Diagnostic Mode - Pump



Press the Set button to toggle the Pump On/Off.
Press the Next button to advance to the next screen.

2.4.18 Diagnostic Mode - Float Switch



This display will communicate to the user the current status of the Float Switch.

Press the Next button to advance to the next screen.

2.4.19 Diagnostic Mode - Intake RH Offset



The Intake RH Offset allows you to calibrate the Dry Max to match your favorite meter.

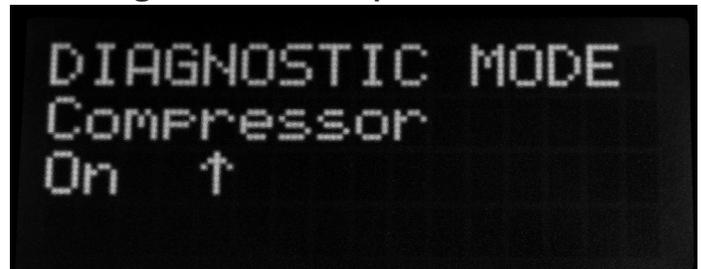
Press the Set button to adjust the intake RH in 1% increments ranging from -20% to 5. Negative values will reduce the RH on the display of the Dry Max.

2.4.20 Diagnostic Mode - Fan



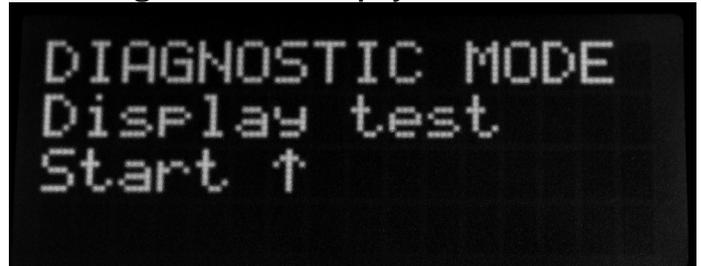
Press the Set button to toggle the Fan On/Off.
Press the Next button to advance to the next screen.

2.4.21 Diagnostic Mode - Compressor



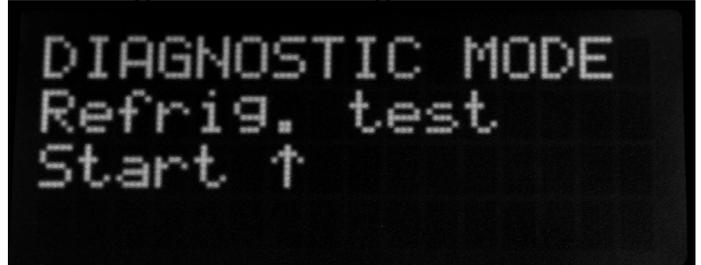
Press the Set button to toggle the Compressor On/Off.
Press the Next button to advance to the next screen.

2.4.22 Diagnostic Mode - Display Test



Press the Set button to start the Display test.

2.4.23 Diagnostic Mode - Refrig. Test



The display will communicate to the user the following information during a Refrigeration Test:

Inlet = Temperature and RH/Grains
Outlet = Temperature and RH/ Grains
Hours = Life hours only.
Evaporator Coil = Temperature
Countdown timer = 20 minutes

Once the 20 minute countdown timer has expired, the display will automatically advance to show the refrigeration test results. The display will communicate to the user either “Refrig. test passed” or “Refrig. test failed”.

Press the Next button to return to the first diagnostic test or press and hold the Next button for 3 seconds to return to the Dashboard.

2.5 Condensate Removal

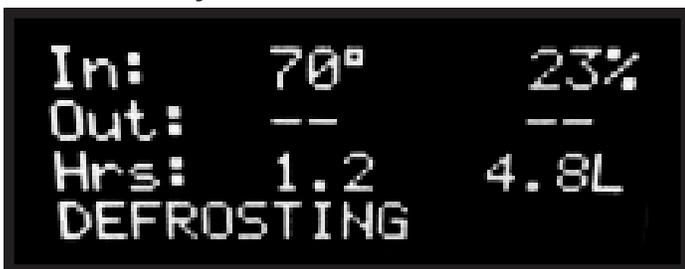
The AF365 is equipped with an internal condensate pump to remove the water that is condensed during dehumidification. This allows the condensate to be pumped up to 15 feet with the attached hose. If the condensate must be pumped more than 15 feet above the unit, a second pump must be added to relay the condensate. The condensate pump automatically purges when the reservoir is full. Use the PURGE button to manually remove condensation.

2.6 Ducting

A detachable rectangular exhaust collar is supplied that will allow 10” round lay-flat duct to be attached to the AF365 outlet. Lay-flat plastic ducting is available from Therma-Stor.

To attach ducting to a collar, put the plastic duct end through the collar center and roll the duct end outward so that it overlaps the outside of the collar. The duct and collar may then be quickly attached to the AF365 by snapping the collar over the four screws at the blower outlet.

2.7 Defrost Cycle



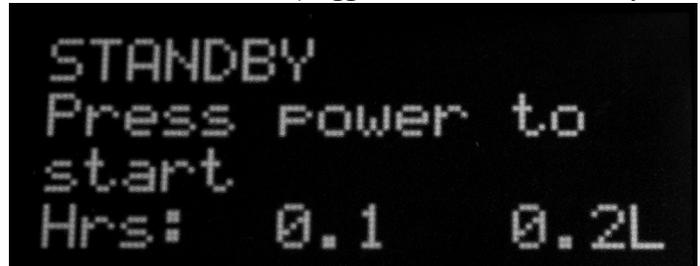
If the low side refrigerant temperature drops due to excessive frost formation on the evaporator coil and below the temperature set point, the thermistor activates the PLC and Status Light Indicator. The compressor is cycled off and on by the thermistor temperature measurement. The air mover will continue to run, causing air to flow through the evaporator coil and melt the ice when the compressor is off. When the air temperature and/or humidity increases, the evaporator temperature will rise and the thermistor will end the defrost cycle at the temperature set point.

DRYING TIP: Air's ability to absorb moisture from wet

surroundings and the AF365's ability to remove moisture from that air is greatly improved at higher temperatures. We recommend that the area to be dried be heated to over 70 °F if possible. Less drying time will be required and efficiency will improve.

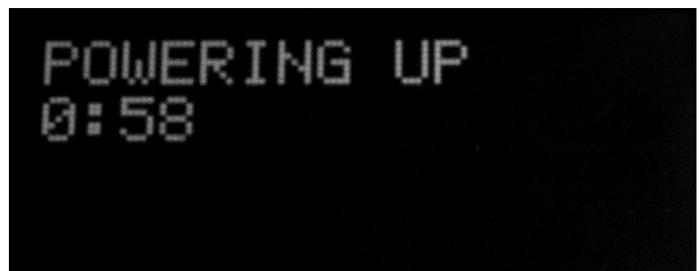
2.8 POWER Button

When the dehumidifier is plugged in it will enter stand-by

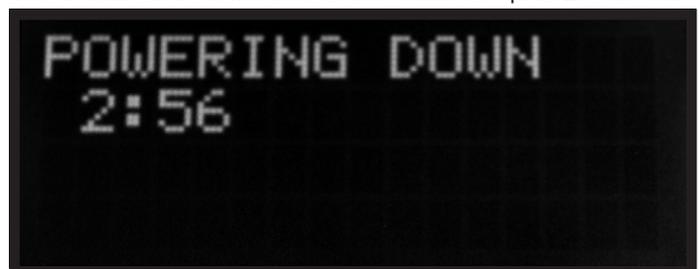


mode.

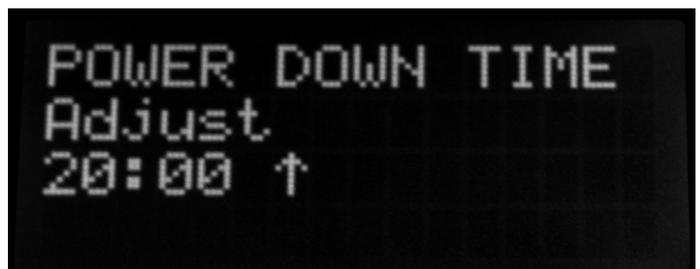
Press the  button to turn the dehumidifier on. The unit will begin the Powering Up sequence and you will see this screen:



Press and hold the  to turn the dehumidifier off. The dehumidifier will go through a powering-down cycle. The default shut-down time is three minutes plus 20 seconds



for a final purge. The shutdown time can be changed by scrolling through the menu to this screen.



*****IMPORTANT***** - Unplugging the unit without running the shutdown sequence will allow water to remain in the unit after use. If the unit is tilted more than 20 degrees on the non-handle side, water may spill out of unit.

2.9 PURGE Button

During normal operation the pump automatically cycles when the reservoir is full.



Press the  button to remove condensate manually from the reservoir.

3 Maintenance

3.1 Air Filter

The AF365 is equipped with a pleated fabric air filter that must be checked regularly. The standard filter is a MERV-11 high efficiency filter. Operating the unit with a dirty filter will reduce the dehumidifier's capacity and efficiency and may cause the compressor to cycle off and on unnecessarily on the defrost control.

*****IMPORTANT***** DO NOT operate the unit without the filter or with a less effective filter as the heat exchange coils inside the unit could become clogged and require disassembly to clean.

3.2 Storage and Freeze Protection

There are two issues to consider when the AF365 is stored between uses and both pertain to water trapped in the unit. The first is biological growth and the second is damage caused by freezing. The effects of the trapped water can be greatly reduced if precautions are taken to remove as much as possible before storage.

1. Use the pump PURGE button to reduce the water level in the reservoir.
2. Stretch the hose flat to drain it completely. Raise one end above your head and spool hose while draining water out the other end.
3. To reduce biological growth flush the unit with a bio-fungicide that is approved for use with copper, aluminum and polyethylene. To flush:
 - a. Run the hose to a drain.
 - b. Plug in the unit but do not turn it on.
 - c. Remove the air filter. Slowly pour a quart of the antimicrobial through the heat exchanger
 - d. Hold in the pump purge switch to reduce the water level in the reservoir.
 - e. Flush with water.

4. If the unit will be exposed to freezing temperatures, after purging, pull back the filter and pour 1 cup (8oz) of a propylene glycol based anti-freeze through the heat exchanger. It will flow down into the pump reservoir. Do NOT purge the solution out of the unit.
5. Dirty filters should be changed prior to long term storage to prevent biological growth on the filter.

4 Service

CAUTION

CAUTION: Servicing the AF365 with its high pressure refrigerant system and high voltage circuitry presents a health hazard which could result in death, serious bodily injury, and/or property damage. Only qualified service people should service this unit.

CAUTION

CAUTION: If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified person in order to avoid a hazard.

4.1 Warranty

A warranty certificate has been enclosed with this unit; read it before any repair is initiated. If a warranty repair is required, call the factory first at 1-800-533-7533 for warranty claim authorization and technical assistance.

4.2 Technical Description

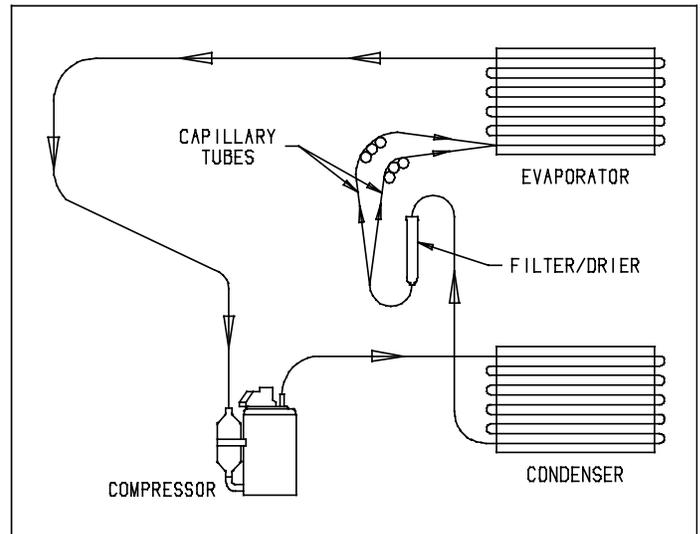


Figure 2: Refrigeration system

The AF365 uses a refrigeration system similar to an air conditioner's to remove heat and moisture from incoming air, and to add heat to the air that is discharged (see Fig. 2).

Hot, high pressure refrigerant gas is routed from the compressor to the condenser coil (see Figure 2). The refrigerant is cooled and condensed by giving up its heat

to the air that is about to be discharged from the unit. The refrigerant liquid then passes through a filter/drier and capillary tubing which cause the refrigerant pressure and temperature to drop. It next enters the evaporator coil where it absorbs heat from the incoming air and evaporates.

The evaporator operates in a flooded condition, which means that all the evaporator tubes contain liquid refrigerant during normal operation. A flooded evaporator should maintain constant pressure and temperature across the entire coil, from inlet to outlet.

The mixture of gas and liquid refrigerant enter the accumulator after leaving the evaporator coil. The accumulator prevents any liquid refrigerant from reaching the compressor. The compressor evacuates the cool refrigerant gas from the accumulator and compresses it to a high pressure and temperature to repeat the process.

4.3 Refrigerant Charging

If the refrigerant charge is lost due to service or a leak, a new charge must be accurately weighed in. If any of the old charge is left in the system, it must be removed before weighing in the new charge. Refer to the unit nameplate for the correct charge weight and refrigerant type.

4.4 Air Mover Replacement

The impeller has a PSC motor and internal thermal overload protection. If defective, the complete assembly must be replaced.

1. Unplug the power cord.
2. Remove the front cover.
3. Remove five screws attaching impeller inlet ring.
4. Remove the four screws mounting impeller to underside of base plate.
5. Disconnect the blower leads
6. Reassembling with the new impeller in reverse order using the above procedure in reverse.

4.5 Condensate Pump Replacement

The internal condensate pump removes water that collects in the reservoir.

To replace the condensate pump:

1. Unplug the unit
2. Remove the rear skidplate
3. Unplug the pump wires from the wire harness
4. Remove the condensate hose and the screw attaching the pump bracket to the base
5. Replace the pump, hose, wiring, bolts, and cover in the reverse order

4.6 Thermistor Replacement

The defrost thermistor is placed into the evaporator coil in a specific location to control the defrost cycle.

To replace thermistor:

1. Unplug the dehumidifier.
2. Remove the front and top covers.
3. Remove the control panel.
4. Remove the filter bracket and foam block.
5. Carefully pull back the foam strip above the evaporator.
6. Detach thermistor from control board.
7. Slide thermistor up out of the evaporator coil.
8. Carefully push new thermistor into opening left from old thermistor.
9. Route thermistor wire along previous path.
10. Reassemble thermistor and dehumidifier using the above procedure in reverse.

4.7 Gravity Drain Option

If the condensate pump fails and cannot be replaced immediately, the AF365 can be used by draining by gravity.

1. Unplug the unit and remove the front cover.
2. Push the plastic plug on the right side out from inside the unit.
3. Locate the heavy vinyl hose that connects the drain pan to the condensate pump. Pull the end out of the pump.
4. Remove tie wrap holding drain tube to suction line.
5. Push that end of the vinyl hose through the hole in the right side.
6. Connect a garden hose and run it to a drain. Keep the hose as flat to the floor as possible to avoid air pockets that would hinder draining. Placing the unit on something above the floor will also improve draining.

4.8 Relay

The contacts of the single pole, single throw relay complete the power circuit to the compressor. The contacts are closed when power is provided to the relay coil via the control circuit. The control circuit includes the power switch, low pressure control, defrost thermostat and timer.

4.9 Troubleshooting

No dehumidification, control does not light up and unit will not turn on from power button.

1. Unit unplugged or no power to outlet
2. Defective control board
3. Loose connection in internal wiring

Some dehumidification, air mover runs continuously but compressor only runs sporadically.

1. Unit is in defrost cycle, DEFROST light on
2. Defrost thermistor defective or loose
3. Loose connection in compressor circuit
4. Defective compressor overload
5. Defective compressor
6. Defective control board
7. Upper housing is not sealed to lower housing

No dehumidification, air mover runs but compressor does not.

1. Bad connection in compressor circuit
2. Safety float switch closed, check pump reservoir
3. Defective compressor capacitor
4. Defective compressor overload
5. Defective compressor
6. Defective control board

Air mover does not run. Compressor runs briefly but cycles on and off.

1. Loose connection in blower circuit
2. Obstruction prevents impeller rotation
3. Defective air mover

Unit removes some water but not as much as expected.

1. Air temperature and/or humidity have dropped
2. Humidity and/or temperature measurement is out of calibration
3. Defective defrost thermistor
4. Defective humidity sensor

Unit runs but does not pump water.

1. Hose kinked or plugged
2. Pump motor defective
3. Pump check valve plugged
4. Bad connection in pump circuit
5. Hose disconnected internally
6. Float switch

Unit pumps water automatically but not when PURGE button is pushed.

1. Bad connection in PURGE button circuit
2. Defective control board

Evaporator coil frosted continuously, low dehumidifying capacity.

1. Defrost thermistor loose or defective
2. Low refrigerant charge

3. Dirty air filter or restricted air flow
4. Front housing is not sealed to rear housing

Compressor runs with POWER button OFF.

1. Defective control board

5 Options and Accessories

4021475	16" x 20" x 2" Pleated Media 65% MERV-11 (Standard)
4024969	16" x 20" x 2" MERV-8
4024750	12" x 25' Intake Flex Duct
4024935	10" x 250' Lay-flat Duct

To order, contact Therma-Stor LLC at 1-800-533-7533

6 Wiring Diagram

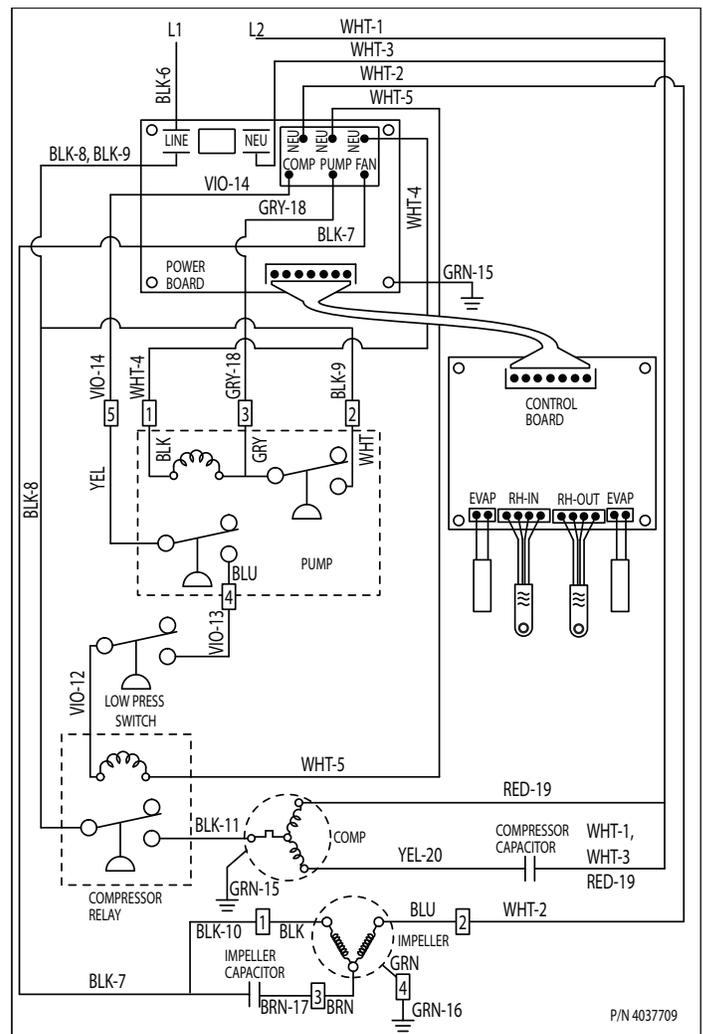


Figure 3: Wiring Diagram

7 Service Parts

Item	Part No.	Description	QTY
1	4035206	TOP COVER	1
2	4027267	TOP COVER HINGE	1
3	4026304	WHEEL 12" GRAY	2
4	1284404	COTER PIN 3/32"	2
5	4021475	AIR FILTER 1.75 X 15.5 X 19.5	1
6	4029894	HOSE VINLY 0.56 ID X 27	1
7	4021909	HOSE VINLY 0.38 ID	1
8	4024916	HOSE VINYL 0.25 ID X 33	1
9	4024910	COUPLING BODY 0.25 TUBE	1
10	4023080	COUPLING INSERT 0.38 TUBE	1
11	4037803	CONTROL BOARD	1
12	4036923	POWER BOARD	1
13	4033032-07	CAPACITOR COMPRESSOR 55MFD 370V	1
14	4035235-07	CAPACITOR IMPELLER 15MFD 370V	1
15	4034716-04	THERMISTOR	1
16	4036848	TEMPERATURE / HUMIDITY SENSOR	1
17	4037038	POWER CORD	1
18	4029176	COMPRESSOR 10.2KBTU R410A	1
19	4029177	COMPRESSOR OVERLOAD	1
20	4034474-05	EVAPORATOR COIL	1
21	4028566	CONDENSER COIL	1
22	4026657	FAN MOTOTIZED IMPELLER	1
23	4034811	INLET RING	1
24	4028593	WIRE DUCT COLLAR	1
25	1970010	RELAY SPST 100/120V 25A	1
26	4029510	FILTER DRIER (NOT SHOWN)	1
27	4037685	WIRE HARNESS (NOT SHOWN)	1
28	4037686	LOW VOLTAGE HARNESS (NOT SHOWN)	1
29	4026094	HANDLE	1
30	1177792	BOLT M10-1.5 X 35	2
31	4025517	WASHER M10 X 30	2
32	1223780	HEX LOCK NUT M10-1.5	2
33	4035913	SKID PANEL	1

Figure 4: Assembly Image

AF365 Dehumidifier Limited Warranty

Warrantor:

Therma-Stor LLC
4201 Lien Rd
Madison, WI 53704
1-800-533-7533

Who Is Covered: This warranty extends only to the original end-user of the AF365 dehumidifier, and may not be assigned or transferred.

First Year Warranty: Therma-Stor warrants that, for one (1) year the AF365 dehumidifier will operate free from any defects in materials and workmanship, or Therma-Stor will, at its option, repair or replace the defective part(s), free of any charge.

Second Through Fifth Year Warranty: Therma-Stor further warrants that for a period of five (5) years, the condenser, evaporator, and compressor of the AF365 dehumidifier will operate free of any defects in material or workmanship, or Therma-Stor, at its option, will repair or replace the defective part(s), provided that all labor and transportation charges for the part(s) shall be borne by the end-user.

End-User Responsibilities: Warranty service must be performed by a Servicer authorized by Therma-Stor. If the end-user is unable to locate or obtain warranty service from an authorized Servicer, he should call Therma-Stor at the above number and ask for the Therma-Stor Service Department., which will then arrange for covered warranty service. Warranty service will be performed during normal working hours.

The end-user must present proof of purchase (lease) upon request, by reasonable and reliable means. The end-user is responsible for normal care. This warranty does not cover any defect, malfunction, etc. resulting from misuse, abuse, lack of normal care, corrosion, freezing, tampering, modification, unauthorized or improper repair or installation, accident, acts of nature or any other cause beyond Therma-Stor' reasonable control.

Limitations and Exclusions: If any AF365 Dehumidifier part is repaired or replaced, the new part shall be warranted for only the remainder of the original warranty period applicable thereto (but all warranty periods will be extended by the period of time, if any, that the AF365 Dehumidifier is out of service while awaiting covered warranty service).

UPON THE EXPIRATION OF THE WRITTEN WARRANTY APPLICABLE TO THE AF365 DEHUMIDIFIER OR ANY PART THEREOF, ALL OTHER WARRANTIES IMPLIED BY LAW, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL ALSO EXPIRE. ALL WARRANTIES MADE BY Therma-Stor ARE SET FORTH HEREIN, AND NO CLAIM MAY BE MADE AGAINST Therma-Stor BASED ON ANY ORAL WARRANTY. IN NO EVENT SHALL Therma-Stor, IN CONNECTION WITH THE SALE, INSTALLATION, USE, REPAIR OR REPLACEMENT OF ANY AF365 DEHUMIDIFIER OR PART THEREOF BE LIABLE UNDER ANY LEGAL THEORY FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES INCLUDING WITHOUT LIMITATION WATER DAMAGE (THE END-USER SHOULD TAKE PRECAUTIONS AGAINST SAME), LOST PROFITS, DELAY, OR LOSS OF USE OR DAMAGE TO ANY REAL OR PERSONAL PROPERTY.

Some states do not allow limitations on how long an implied warranty lasts, and some do not allow the exclusion or limitation of incidental or consequential damages, so one or both of these limitation may not apply to you.

Legal Rights: This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.