

PRO SERIES DEHUMIDIFIER

THE IDEAL SOLUTION FOR YOUR GREENHOUSE, SHOP
OR ANYWHERE YOU NEED PORTABLE, EFFECTIVE
AND RELIABLE DEHUMIDIFICATION



#HGC701600

Ideal-Air™ Pro Series Dehumidifier

Dehumidifiers are able to reduce air humidity of the space, leaving people to live, work and store goods in comfortable environments. We're proud to offer this product and believe it's the very best in its class.

Ideal-Air™ Pro Series 180 Pint Dehumidifier has automatic restart if power is lost. Easy-to-use digital display humidity readings, internal condensate pump, removable washable filter, 1 speed fan motor, powder-coated metal casing for long life and a heavy-duty compressor. There is built-in defrost that is designed for operation down to 41° F.

Set upright on their feet for 3 hrs prior to use. 180 pint unit: Temp. Range: 41° F- 95° F, condensation removal: (24 hrs) 180 pints (86° F, 80% RH).

Ideal-Air™ recommends that dehumidifiers use surge protectors and a dedicated electrical circuit. In the event of a power failure, a spike in voltage may occur when the power is reinstated. This can damage the circuit board, which is not covered under warranty.

180 Pint unit operates at 115 V, 60 Hz and 12.31 Amps.

SYSTEM FUNCTION

HUMIDITY CONTROL: When the humidity reaches the set point, the machine will stop automatically. It will automatically start the machine when the humidity in your space rises above the set point. The humidity range is 30-90%; The machine will stop +5% of set humidity and restart below -5% of set humidity.

WATER INLET: When the water level in the water tank decreases, the float switch will activate and the water tank will refill automatically and stop filling when the water level rises to the maximum height.

LOW WATER LEVEL WARNING: When the system detects the water level is lower than the warning level, the machine will stop automatically. The system will warn if water is not refilled in 10 minutes.

FAN DELAY PROTECTION: When the humidifier is turned off the fan will continue to run for another 30 seconds to drain all the residual water and cool the unit.

TECHNICAL PARAMETERS

| Model | Power Supply Voltage | Power (Watts) | Range | Condensation Removal (24 hrs) | Size (inches) | N.W. (lbs) |
|--------|----------------------|------------------|--------------|-------------------------------|-------------------|------------|
| 701600 | 115V/60Hz-1 Phase | 12.31 Amps/1350W | 41° F -95° F | 180 pints (86° F, 80% RH) | 22.5" x 23" x 40" | 135 lbs |

ERROR CODES

| Code | Meaning |
|------|----------------------------|
| E1 | Temperature sensor failure |
| E2 | Coil sensor failure |

TROUBLESHOOTING TIPS

| Failure | Cause Analysis | Method |
|-------------------------------|---|---|
| Dehumidifier doesn't work | <ol style="list-style-type: none">1. Power cut2. Power switch is not energized3. Power cord is not connected4. Fuse is melted | <ol style="list-style-type: none">1. Recover the power2. Energize the power3. Connect the power cord4. Replace the fuse |
| Dehumidification is not ideal | <ol style="list-style-type: none">1. Dust accumulated in air purification filter mesh2. Object blocking air inlet and outlet3. The door or window is open4. Refrigerant is leaking | <ol style="list-style-type: none">1. Clear the filter mesh2. Remove the blocking object3. Close the door and window4. Contact distributor or manufacturer for repair |
| Water leak | <ol style="list-style-type: none">1. The machine is inclined2. Water pipe is blocked | <ol style="list-style-type: none">1. Level the machine2. Remove the blocking object |
| Abnormal noise | <ol style="list-style-type: none">1. The machine is not placed solidly2. The filter mesh is blocked | <ol style="list-style-type: none">1. Place the machine firmly.2. Clear the filter mesh |

If the above troubleshooting does not fix your issues and repair, please contact Ideal-Air™ technical support. Do not disassemble without authorization.

MAINTENANCE AND SAFE OPERATION

- Do not place near anything that gives off a heat source, in places exposed to chemicals, or in places that may be exposed to water.
- If the machine is not used for a long time, please unplug the power cord. When clearing the machine, stop it first and unplug the power cord.
- During continuous drainage, please place the drain pipe appropriately for smooth drainage.
- Do not stop operation of dehumidifier by pulling out the power cord.
- Dust on the air purification filter mesh may impair its effect or even cause failure. Please clear regularly. If there is dust in the environment, it must be cleared once a week or once a day. Pull down the front panel, clear the filter. Tap the filter mesh slightly to eliminate the dust by vacuum cleaner or place the filter in warm water and brush and then wash with clear water and dry it.

AFTER-SALE SERVICE

- The warranty period is one year for the general machine.
- Filter and filter element are consumable materials, not covered by warranty. If the filter needs to be replaced contact Ideal-Air™ and we'll either direct you to the appropriate store for purchase or sell you the proper filter.
- If the machine is not used for more than 48 hours, power supply must be cut off, drain off all the water in the water tank to avoid the water become contaminated and affect the normal use of the equipment.
- If product is not working correctly, contact Ideal-Air™ support directly at support@ideal-air.com or call 1-877-943-3251.