

**FIRST ALERT** | **Honeywell** Home | **resideo**

# Whole Home Dehumidifier

A fresh take on dehumidification

7/16/2025



## Whole Home Dehumidifier | A fresh take on dehumidification

Designed for long-term reliability, installation flexibility, energy savings and more...

**Built to last.**  
Engineered to adapt.



**Honeywell** Home

## Whole Home Dehumidifier | Key features

# Built to Last. Engineered to Adapt

### QUALITY

backed by rigorous long-term life cycle testing

### INSTALLATION FLEXIBILITY

a tri-directional outlet enables a better fit in more locations

### SERVICEABILITY

replaceable components allow contractors to repair instead of replace

### EXTENDED LIFECYCLE

supported with inlet / outlet temperature, RH, and differential pressure sensors

### TOP-PERFORMING EFFICIENCY

across the all models, including 65, 90, and 120 PPD



# Whole Home Dehumidifier | At-a-glance

## TARGET AUDIENCE

### Honeywell Home Users



DR65 - DR65A3000/U  
DR90 - DR90A3000/U  
DR120 - DR90A3000/U

### Select Competitors



AprilAire  
E080  
E100  
E130



Santa Fe Ultra 98

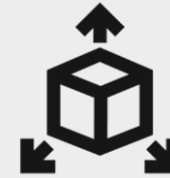
Product	Model #	PPD capacity	Common filter	Built-in ventilation
A65D	DHM065R4000/U	65 PPD	1" MERV 8 media filter (12" x 12")	NO
A90D	DHM090R4000/U	90 PPD	1" MERV 8 media filter (14" x 20")	YES
A120D	DHM120R4000/U	120 PPD	1" MERV 8 media filter (14" x 20")	YES

**SHIPPING SEP 1, 2025 // ON-SHELF SEP 15, 2025**

## DEFINING FEATURES



Quality



Installation Flexibility



Serviceability



Extended lifecycle



Top-performing efficiency



## Whole Home Dehumidifier | Quality

### Delivering top quality designed by IAQ expert engineers to meet new robust product requirements

Rigorous lifecycle testing validates reliable performance in the harshest environments:

- Test chamber conditions: 110°F with 60% RH
- 85-units tested
  - 50% of units ran flat-out
  - 50% cycled on-and-off continuously in 3-minute intervals



**150,000 hours**  
of run-time

**1,000,000**  
compressor  
cycles

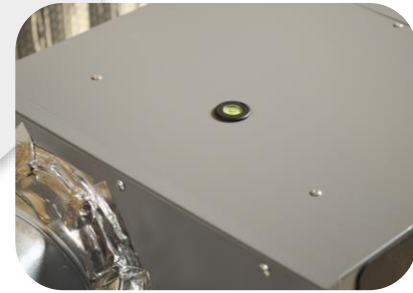
## Whole Home Dehumidifier | Installation flexibility

**The tri-directional outlet makes installation smoother in virtually any location, even in the tightest, trickiest spaces**

Great option for crowded attics with low roof lines or small, cramped equipment rooms

**The only tri-directional outlet on-the-market** vs AprilAire and Santa Fe's horizontal and vertical installation

**Built-in bubble level** for easy leveling during installation



**Horizontal**  
OUTLET ORIENTATION 1



**Vertical**  
OUTLET ORIENTATION 2



**Right angle**  
OUTLET ORIENTATION 3

# Whole Home Dehumidifier | Serviceability

## High-level of serviceability means you can repair rather than replace

### Replaceable components

- Prefilters
- Display controller
- PCB
- Coil freeze sensor
- Compressor capacitor
- Inlet and outlet sensors
- Transformer
- Fan
- Fan capacitor
- Configurable outlet
- Water leak detector cable

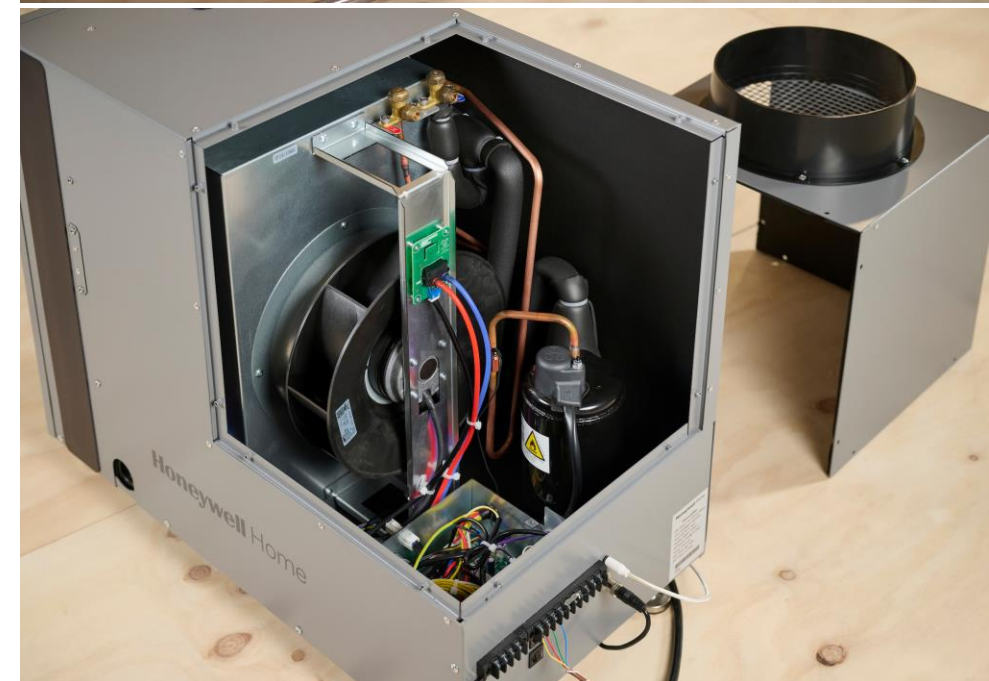
**Two top quality, refrigeration fill ports**  
one high-side and one low-side

### Common 1" MERV 8 media filters

- 12" x 12" for 65 PPD capacity
- 14" x 20" for 90 PPD and 120 PPD capacities

**38 smart alarms and alerts** featured on the onboard display controller that uses easily understood terms

*EXAMPLE "Coil Freeze" versus an error code of E1*



## Whole Home Dehumidifier | Serviceability

### The onboard display control simplifies setup and configuration while taking the guesswork out of servicing

- Simplifies setup, configuration, and troubleshooting
- Features **tethered and magnetic mounting options**
- Communicates dehumidifier status
  - Setpoint (if local control is selected)
  - Active alerts and alarms
  - Runtime history
  - Damper positions (if configured)
- Local control option enables dehumidifier to operate independently without homeowner intervention
- FocusPRO based display
  - Familiar design for intuitive navigation
  - **Improve customer retention with private label opportunities**

Onboard display control on tether, attached to dehumidifier with magnets



# Whole Home Dehumidifier | Extended lifecycle

**Engineered to run in harsh, real-world environments with smart sensors that monitor performance and protect key components for a longer product life**

Temperature, relative humidity, and differential pressure sensors are located on inlet and outlet sides for better control, unit protection, and diagnostics



## SENSING PROTECTION

Compressor overcurrent	Low inlet air temperature
Continuous runtime	<b>Low refrigerant</b>
Controller failure	Overheating compressor
Fan overcurrent	PCB failure
Frozen coil	Sensor failure
<b>High ambient temperature</b>	Unit undersized
High inlet air temperature	Voltage out of spec
High outlet air temperature	Water leakage
<b>Low airflow</b>	Water tray full

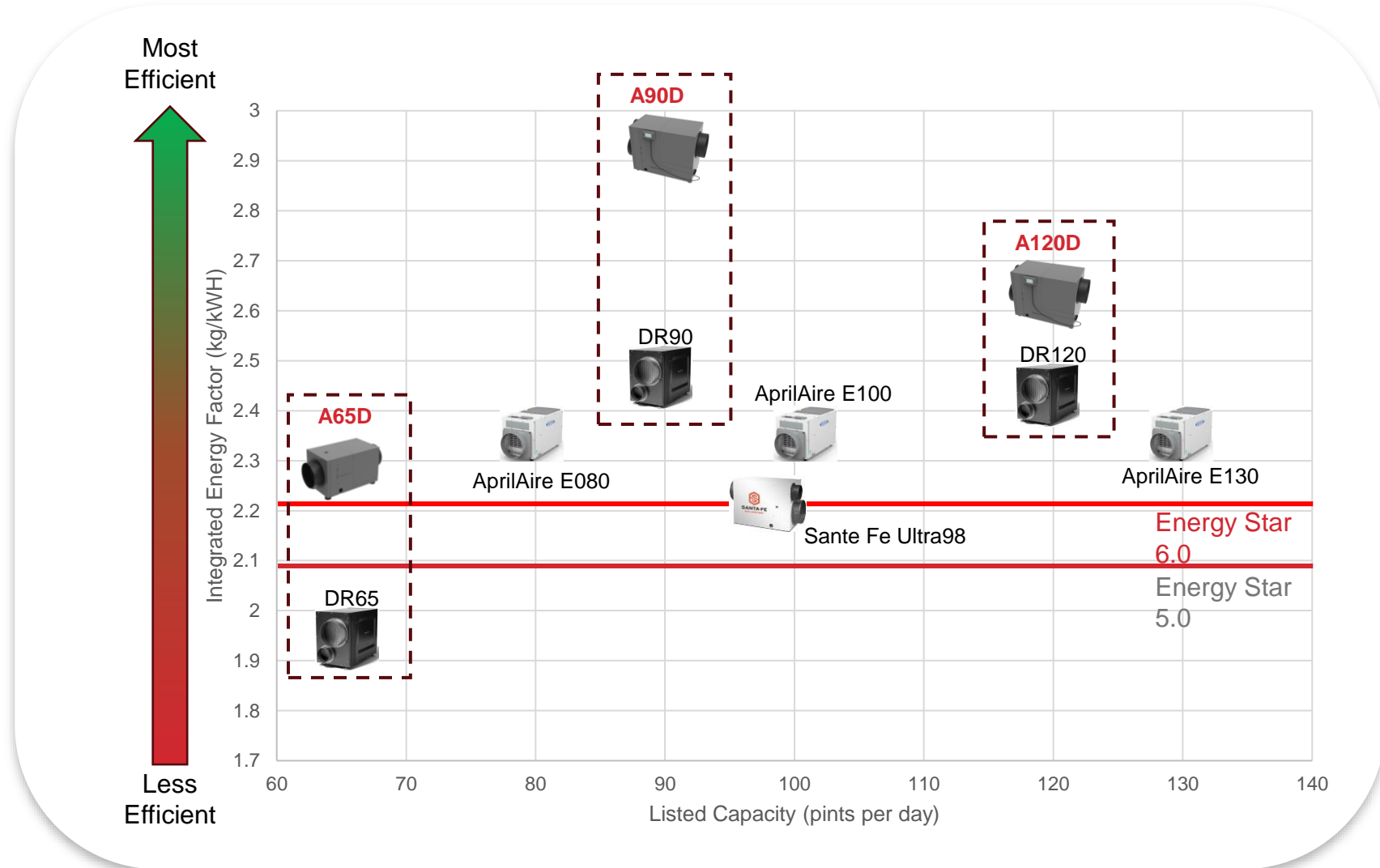
# Whole Home Dehumidifier | Top-performing efficiency

Energy efficiency is one of the best ways for a contractor to justify a higher ticket price to a homeowner

ENERGY STAR certified product line, including the only 65 PPD ENERGY STAR certified unit in market

Integrated energy factor calculated under ENERGY STAR test conditions

- 73F
- 60% RH
- 0.2" WC



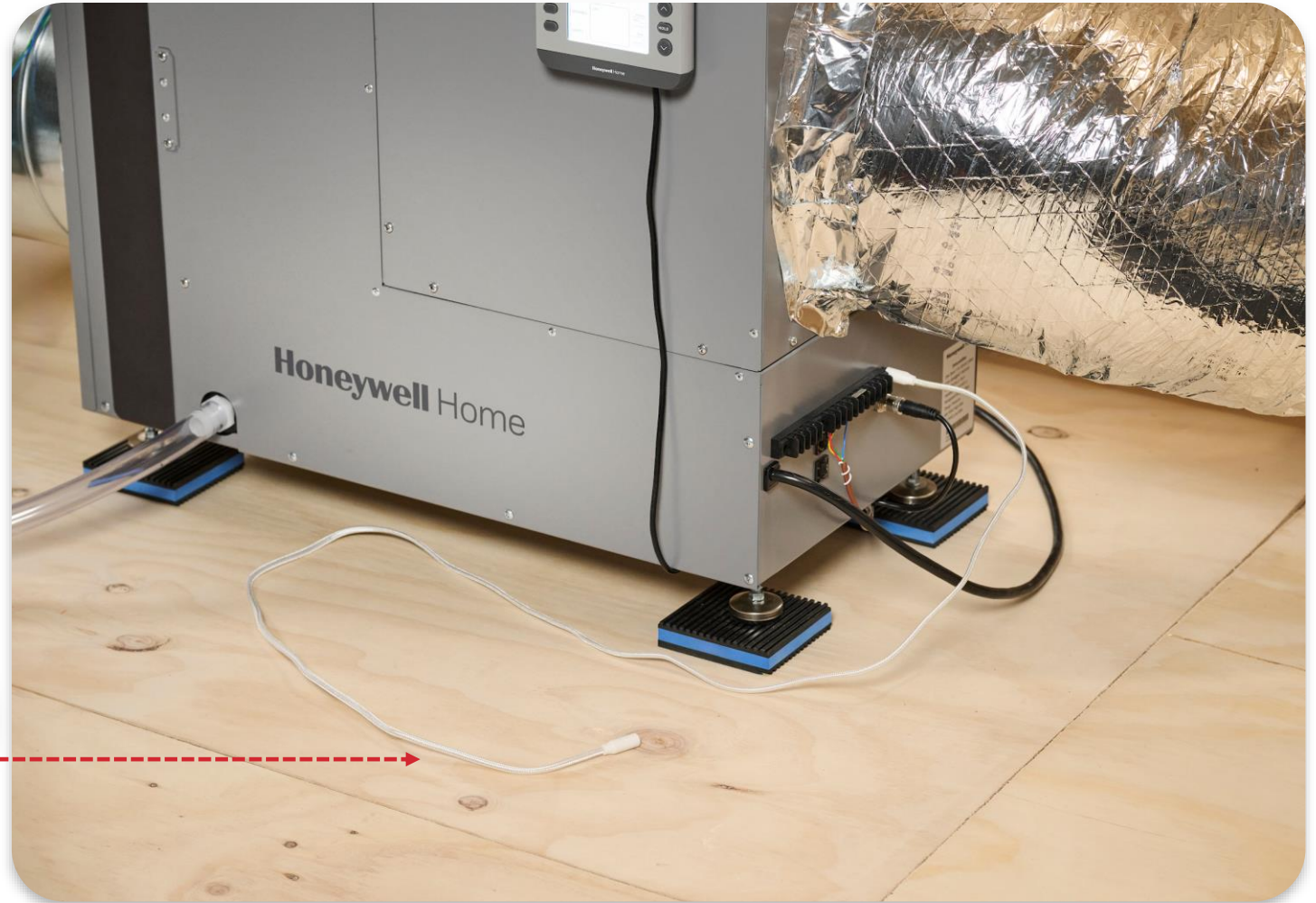
# Whole Home Dehumidifier | Added-value features

## Water Leak Detector Cable

- L-Series water leak detector cable used as an auxiliary water detection method (cable included)
- When a leak is detected, the dehumidifier shuts down
- Normal operation resumes when the alarm is cleared or the cable dries
- FLOAT terminals for installers utilizing float switches



Water leak detector cable












## Whole Home Dehumidifier | Added-value features



### Ventilation

- Timed ventilation (minutes per hour) can be programmed through the onboard control
- Ability to power and control a spring open/power close return damper and a power open/spring close fresh air damper
  - Dampers must be purchased separately
  - Dampers wired to terminals on outlet side of dehumidifier
- Compressor automatically turns on during ventilation if incoming air RH is higher than setpoint
  - If control is local, inlet RH is compared to dehumidification setpoint
  - If control is external, inlet RH is compared to 50% setpoint

# Whole Home Dehumidifier | Competitive comparison

										
	Resideo	Resideo	Resideo	AprilAire	AprilAire	AprilAire	Santa Fe	Santa Fe	Santa Fe	
Manufacturer	Resideo	Resideo	Resideo	AprilAire	AprilAire	AprilAire	Santa Fe	Santa Fe	Santa Fe	
Model	A65D	A90D	A120D	E080	E100	E130	Ultra70	Ultra98	Ultra120	
Listed capacity	65 ppd	90 ppd	120 ppd	80 ppd	100 ppd	130 ppd	90 ppd	98 ppd	120 ppd	
<b>Quality</b>	Warranty	5 years	5 years	5 years	5 years	5 years	5 years	6 years	6 years	6 years
<b>Top-performing efficiency</b>	Energy Star	Yes	Yes	Yes	Yes	Yes	No	Yes	No	
	Coil material	Copper	Copper	Copper	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
<b>Flexible Fit</b>	Onboard display	Yes	Yes	Yes	Yes	Yes	No	No	No	
	Display on tether	Yes	Yes	Yes	No	No	No	N/A	N/A	N/A
	Local control	Yes	Yes	Yes	Yes	Yes	Yes	No	No	
	Outlet directions	3	3	3	2	2	2	2	2	2
	Water leak rope	Yes	Yes	Yes	No	No	No	No	No	No
	Level gauge	Yes	Yes	Yes	Yes	Yes	No	No	No	
<b>Serviceability</b>	Service parts available	Yes	Yes	Yes	Yes	Yes	No	No	No	
	Filter size	12" x 12"	14" x 20"	14" x 20"	13.5" x 11.9"	13.5" x 11.9"	14" x 19"	9" x 11"	14" x 17.5"	14" x 17.5"
	High- and low-side refrigeration fill valves	Yes	Yes	Yes	No	No	No	No	No	
	Onboard diagnostics	Yes	Yes	Yes	Yes	Yes	Yes	N/A	N/A	N/A
	Unit history	Yes	Yes	Yes	No	No	No	No	No	No
	Plain English error codes	Yes	Yes	Yes	No	No	No	N/A	N/A	N/A
<b>Ventilation</b>	Ventilation through unit	No	Yes	Yes	Yes	Yes	No	Yes	Yes	
	Control dampers	N/A	Yes	Yes	Yes	Yes	Yes	N/A	Yes	No
	Power dampers	N/A	Yes	Yes	No	No	No	N/A	Yes	No
	Dehumidify during ventilation	N/A	Yes	Yes	No	No	No	N/A	No	No
<b>Extended Lifecycle</b>	Temp, RH, and dP sensors on inlet and outlet	Yes	Yes	Yes	No	No	No	No	No	
	High ambient temp protection	Yes	Yes	Yes	No	No	No	No	No	

# Whole Home Dehumidifier

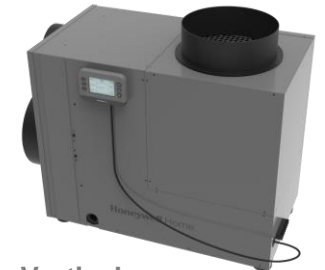
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