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|---|--|
| Part Number: | 4026480 |
| Blower: | 415 CFM @ 0.0" WG 365 CFM @ 0.4" WG |
| Power: | 800 Watts @ 80°F and 60% RH |
| Supply Voltage: | 110-120 VAC – 1 Phase – 60 Hz. |
| Current Draw: | 6.9 Amps |
| Energy Factor: | 3.7 |
| Operating Temp.: | 56°F Min, 100°F Max |
| Sized For: | 3500 Square Foot Typical |
| Minimum Performance @ 80°F and 60% RH: | |
| Water Removal: | 150 Pints/Day |
| Efficiency: | 7.9 Pints/kWh |



UA-XT150H Duct Connections:

6" Round Inlet; 10" Round Inlet; 10" Oval Outlet

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|--------------------|---|
| Air Filter: | Standard MERV-11; Size: 16" x 20" x 2" Efficiency: 65% ASHRAE Dust Spot Test |
| | Optional MERV-14, Size: 20" x 24" x 4" Efficiency: 95% ASHRAE Dust Spot Test |

Power Cord: 7', 110-120 VAC, Ground

Drain Connection: .62" ID x 8' Vinyl Hose

UA-XT150H Dimensions:

| | Unit | Shipping |
|---------|---|----------|
| Width: | 37 1/2" without collars 39 1/2" with collars | 42" |
| Height: | 22" | 28 1/4" |
| Depth: | 20 5/8" | 24" |
| Weight: | 134 lbs | 164 lbs |

OPTIONAL ACCESSORIES

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|---------|---------------------------|
| 4021475 | MERV 11 Filter |
| 4027420 | MERV 11 4-Pack |
| 4027424 | MERV 11 12-Pack |
| 4025287 | Filter Housing (4024370) |
| 4024370 | MERV 14 Filter (4025287) |
| 4022220 | Pump Kit |
| 4023672 | 6" Motorized Damper |
| 4026859 | 6" Flex Duct |
| 4020128 | 6" Flex Duct (Insulated) |
| 4020656 | 6" Inlet/Exhaust Hood |
| 4024375 | 10" Gravity Damper |
| 4026969 | 10" Flex Duct |
| 4022126 | 10" Flex Duct (Insulated) |
| 4027431 | Register Head 10" |
| 4020126 | Register Grill (White) |

INSTALLATION MATERIALS

| Control Options | Part Number |
|---|-------------|
| DEH 3000 - Digital Control | 4028539 |
| DEH 3000R - Digital Control | 4028407 |
| Ducting Options | |
| 6", 2 wire 24 volt Electric Air Damper | 4023672 |
| 10" Backdraft Damper | 4024375 |
| 10" Starting Collar (Included w/ Unit) | N/A |
| 6" Outside Air Intake Vent (Not Provided) | N/A |
| Duct Tape (Not Provided) | N/A |
| Large Cable Ties (Not Provided) | N/A |
| Insulated 6" Air Duct (Flex) - 25 ft. | 4020128 |
| Insulated 10" Air Duct (Flex) - 25 ft. | 4022126 |

Plumbing - Not Provided By Therma-Stor

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|--------------------------|
| 3/4" PVC Pipe |
| 3/4" PVC Threaded Nipple |
| 3/4" PVC Elbow |
| PVC Primer and Glue |

Electrical - Not Provided By Therma-Stor

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|---|
| 12-2 Non-Metallic Sheeted NM-B (Romex) Wire |
| 20 AMP 120 Volt Single Pole Breaker |
| 20 AMP 120 Volt Rated (3) Prong Outlet |
| Thermostat Wire (5Conductor, 18 AWG) |
| Wire Staples |
| Outlet Cover |
| Outlet Box |

Preferred installation is to draw air from a separate intake duct located in the central part of the home. Duct the outlet air into the supply duct for distribution throughout the home. A backdraft damper prevents air from the supply duct from being pushed backward through the UA-XT150H when central (AC) fan is on and the Ultra-Aire fan is off.

Therma-Stor does not recommend drawing air from the return ducting system and discharging into the supply for two reasons:

Central Fan On: The Ultra-Aire XT150H is pulling against a negative pressure (intake side) and discharging against a positive pressure (outlet side), which results in lower airflow and reduced capacity.

Central Fan Off: Discharge air may counter-flow from the supply duct directly to the return duct and not be distributed throughout the home effectively.