

# HI-E DRY Vehere

## Pool and Spa Humidity Controller

### Clear Windows, Dry Walls...

No more foggy windows or condensation on walls in the poolroom with the HI-E DRY Vehere Humidity Control System.

Preserve construction integrity and curb mold growth.

### Simple Installation...

The Vehere can be free standing\* or remote. It is also duct ready. The control can easily be made remote with 24-volt wiring.

### Quality Construction and Reliability...

Stainless steel body and 5 year warranty.

\*Unit must be secured and not come in contact with the pool deck or pool water. All electrical precautions must be taken.



### Vehere Offers Three-way Savings

#### 1. Lower Equipment Cost:

The Vehere utilizes heat transfer innovations that dramatically improve performance. This enables Thermo-Stor to build higher capacity dehumidifiers with smaller refrigeration systems.

#### 2. Lower Electrical Cost:

A smaller refrigeration system requires a smaller electrical load. The Vehere removes 192 pints of water a day (80°F 60% RH) while drawing only twelve amps of electricity. The Vehere plugs into a 115 volt 20 amp outlet, and provides all the humidity control necessary for a 450 square foot pool. (82°F air temp, 80°F water temp, 60% relative humidity).

#### 3. Higher Efficiency:

The Vehere remove two to three times more water per kilowatt hour of electricity than any dehumidifier, conventional or installed.

### Pool & Spa Room Ventilation

Ventilation is an important element of any poolroom dehumidification system. The ventilation in a poolroom should be to all local codes. The net ventilation should be slightly negative to prevent moisture from penetrating the structure through natural ventilation and keep the concentration of corrosive pool chemicals to a minimum. If no codes dictate a simple quiet exhaust system could be used. CAUTION must be taken with negative pressure to assure there is no chance of back drafting any open combustion devices inside the structure.



 **Thermo-Stor** LLC  
4201 Lien Rd  
Madison, WI 53704

1-866-933-7486  
www.QuestProtect.com



Specifications subject to change without notice. 10/16

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### Capacities

The Vehere is designed to control humidity for indoor pool (spa, hot tub) areas. It consists of a controller, dehumidifying cooling system, filter, fan and delivers the following dehumidification capacities:

### Daily Capacities

Air Temp/RH	Pints	KWh
80°F/80% RH	238	37.1
80°F/60% RH*	192	35.3

### Specifications

Model: HI-E Dry Vehere (4030050)

Electrical: 110-120 VAC, 12.0 Amps  
(7' power cord included)

Capacity: 192 pints/day @ 80°F, 60% RH

Air Flow: 540 CFM without external ducting

510 CFM @ .15 IWG external static

Included Duct Connections: 12" inlet & outlet  
24 volt control

### Dimensions

Width: 36.5 inches

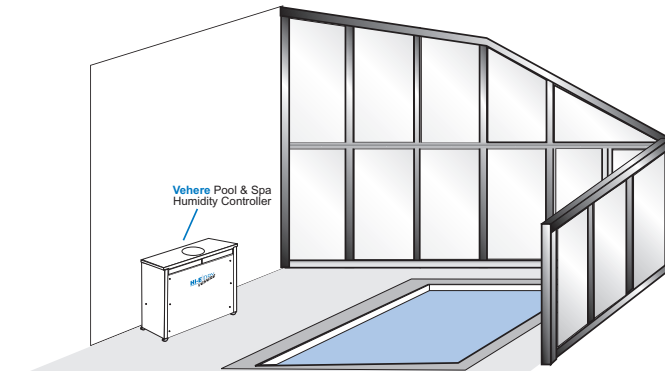
Height: 40.0 inches

Depth: 19.0 inches

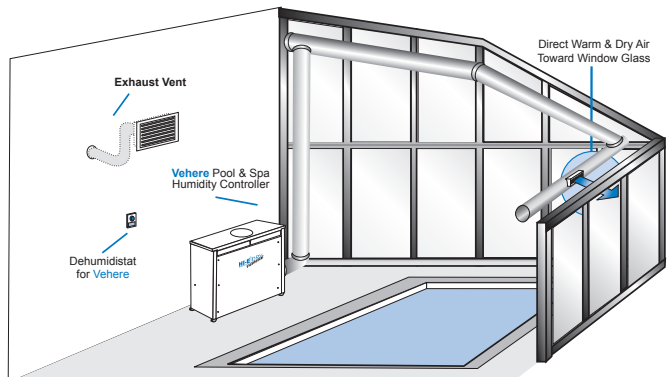
Weight: 180 lbs

\*ASHRAE Recommended  
Conditions

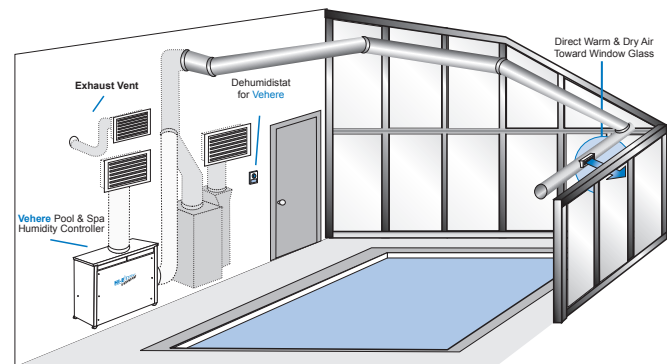
Call 1-800-533-7533  
for a free, no obligation  
consultation and  
equipment estimate.



Installation in humid area with no ducting.



Installation in humid area with ducting and ventilation.



Remote installation area with ducting and ventilation.

**HI-E DRY**   
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