

Humidifier System Design

Specification Sheet



About You

Name:	
Company:	
Address:	
City/State/Zip:	
Phone:	

Project Details:

Date:	
Submitted by:	
Project Name:	
Ship to Address:	
Ship to City/State/Zip:	

Please select or advise each option applicable.

1. Type of humidification (select one)

Steam

- Electrode (disposable)
- Resistive (cleanable)
- Direct injection (boiler pressurized)
- Steam to steam (heat exchanger)

Pressure: _____ PSI

Atomization

- Air/Water in space
- Air/Water in duct
- High Pressure Water in space
- High Pressure Water in duct

2. Capacity required: _____ lbs/hr

3. Supply voltage available: _____ V/P/Hz

4. Conditions

- Design Point (Room/Space)
 - Temperature: _____ DB
 - Humidity: _____ WB, _____ % RH, _____ gr/lb
- Design Point (Injection Point)
 - Temperature: _____ DB
 - Humidity: _____ WB, _____ % RH, _____ gr/lb

5. Distribution

- Directly in space
- Inside ductwork
- Inside AHU

6. Air volume (CFM) per system

Total: _____

% O.A.: _____

VAV: Yes No

Duct size: _____

Horizontal tubes

Vertical tubes

Evaporation distance: _____

Horizontal airflow

Vertical airflow

7. Control scheme

ON/OFF

Modulation

BAS

Control signal 0-10 VDC

Control signal 4-20 mA

Standalone

Dual input

8. Water source

Potable

Reverse osmosis

Deionized

9. Communication

None

BACnet

Modbus

Other: _____