



# Energy Recovery Systems ACT-HP-WA Enhanced Dehumidification System

## System Configuration Sheet

Date: / /

Customer: \_\_\_\_\_

Project Description, location of application?: \_\_\_\_\_

Address: \_\_\_\_\_

State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

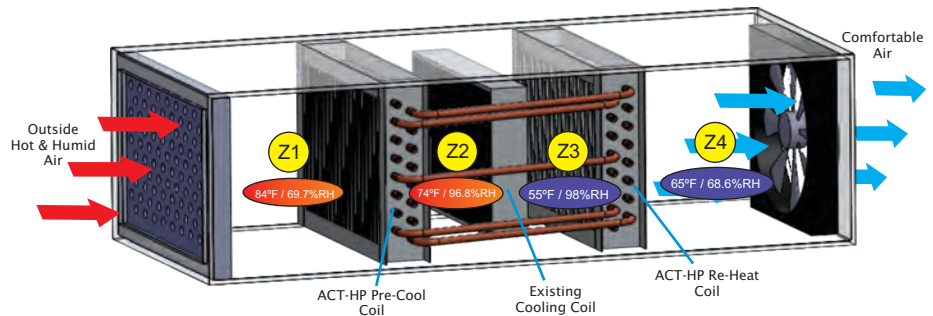
\_\_\_\_\_

### Configuration Step Z1

Entering Return or

Outside Air Temperature °F Dry Bulb: \_\_\_\_\_

Return Air Relative Humidity RH%: \_\_\_\_\_



*Air Handler Temperature, RH and Static Pressure Measurements. Shown are typical Measurement values.*

### Configuration Step Z2

Manufacturer and Type of Air Handling System: \_\_\_\_\_

Capacity in Tons: \_\_\_\_\_ Systems Current/Amps: \_\_\_\_\_ Actual AMP reading: \_\_\_\_\_

Supply Air Temperature °F Dry Bulb / °F Wet Bulb: \_\_\_\_\_ Air Handler HP: \_\_\_\_\_

System Static Pressure Reading: \_\_\_\_\_ Motor RPMs: \_\_\_\_\_

### Configuration Step Z3

Direct Outside Air Flow (Return Air): \_\_\_\_\_ (CFM) Building Supply Air: \_\_\_\_\_ (CFM)

Combined Air Flow: \_\_\_\_\_ (CFM)

### Configuration Step Z4

Evaporator Coil Dimensions: \_\_\_\_\_ Finned Height (inches), \_\_\_\_\_ Finned Length (inches)

Direct expansion: \_\_\_\_\_ Chilled Water System: \_\_\_\_\_

Chilled Water System Temperature Inflow: \_\_\_\_\_ °F, Outflow: \_\_\_\_\_ °F

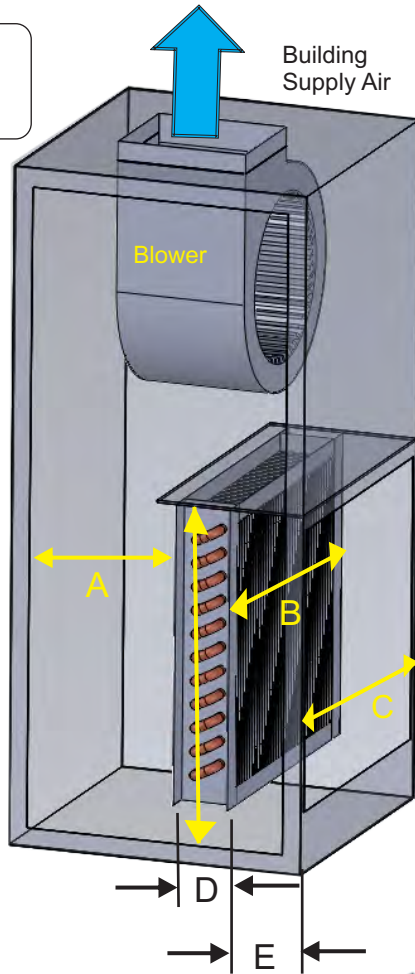
### Configuration Step 5

System Electrical Rating : \_\_\_\_\_ KW Hot Water System: \_\_\_\_\_ BtuH

Other Reheat Approach: \_\_\_\_\_ Does the System Utilize Reheat?: Yes / No

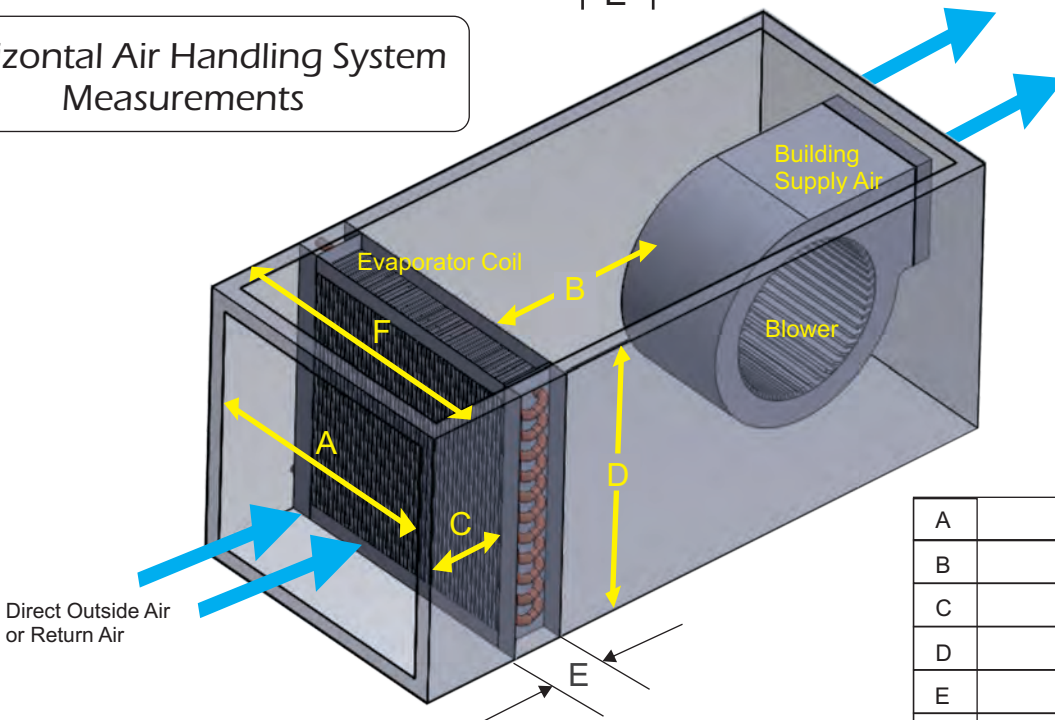
## ACT-HP-WA Enhanced Dehumidification System System Installation Measurements

### Vertical Air Handling System Required Measurements



A		E. Coil Distance to Duct
B		Horizontal E. Coil Dim.
C		Duct Inside Dim.
D		E. Coil Width Dim.
E		Distance to Filter

### Horizontal Air Handling System Measurements



A		Horizontal E. Coil Dim.
B		Coil Distance to Blower
C		Distance to Filter
D		Vertical E. Coil Dim.
E		E. Coil Width Dim.
F		Outer Duct Size