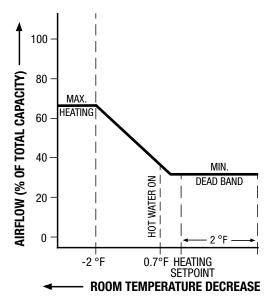


## **EZSTAT DIGITAL CONTROLS**

FAN COIL UNITS WITH EPIC ECM

**MODEL SERIES: 35FH, 37FH AND 39 (TYPE W)** 

**CONTROL SEQUENCE: N509 (2-PIPE)** 



# N509 BACnet DIGITAL THERMOSTAT 7-DAY PROGRAMMABLE SCHEDULE VARIABLE AIR VOLUME, ON/OFF HOT WATER HEAT • 2-PIPE SYSTEM

### **SEQUENCE OF OPERATION:**

#### On/Off Hot Water Heating

On a call for heating, the fan will ramp up to the maximum airflow setting and the hot water valve will open to achieve room set point. On a decrease in heating demand, the sequence will reverse.

#### Deadband

With no demand in the space, there will be no call for heating. The fan will be at a deadband set minimum airflow. The water valve will be off.

#### Notes:

- 1. EZstat is factory programmed for the specific sequence of operation.
- 2. EZstat is also factory calibrated when airflow settings are provided for easy start-up.
- 3. Field commissioning (password protected):
  - Max. and Min. airflow settings are field adjustable between the ranges on the unit's ECM fan curve calibration chart.
  - b. Deadband differential and other parameters are also adjustable.
  - c. Refer to EZstat Application Guide/IOM.
- 4. Remote mounted 24 VAC thermostat is field wired (by others). Refer to application specific wiring diagram.
- Thermostats baseplate mounts to a standard 2" (51) x 4" (102) vertical handy box.







SCHEDULE TYPE:	Dimension are in inches (mm).			
PROJECT:	Dimension are in inches (min).			
ENGINEER:	DATE	B SERIES	SUPERSEDES	DRAWING NO.
CONTRACTOR:	10 - 9 - 14	FCS	9 - 23 - 14	FCS-N509-2