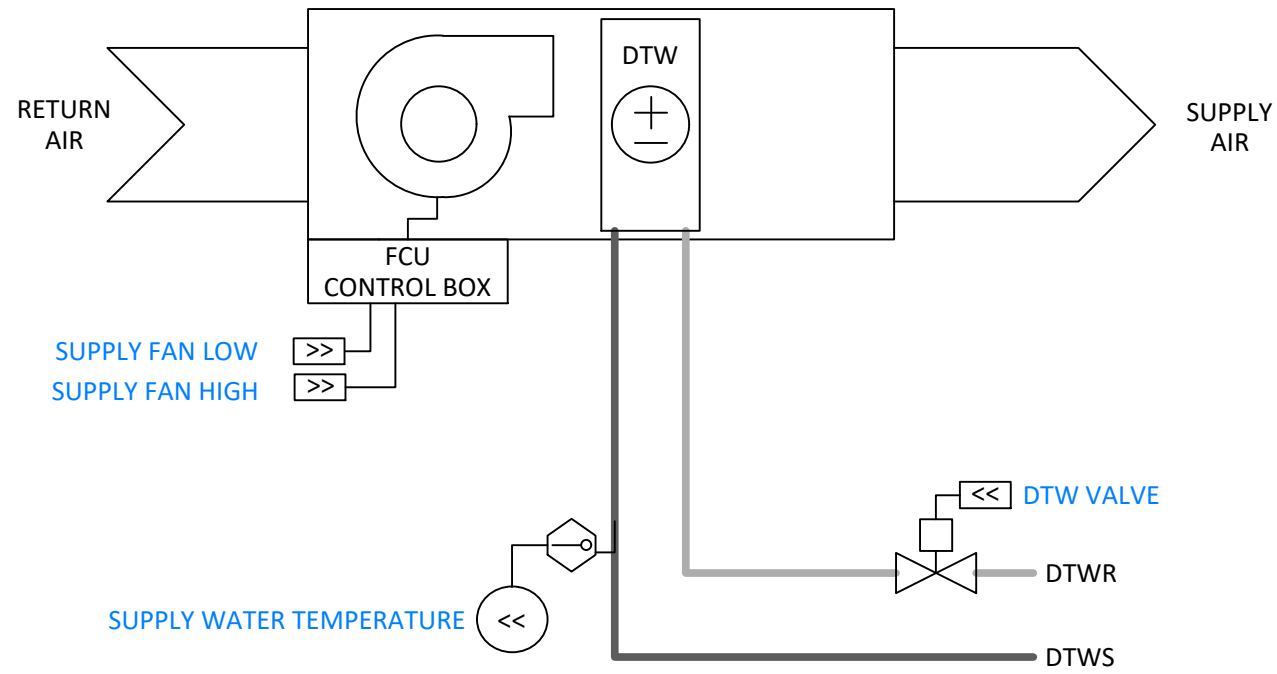


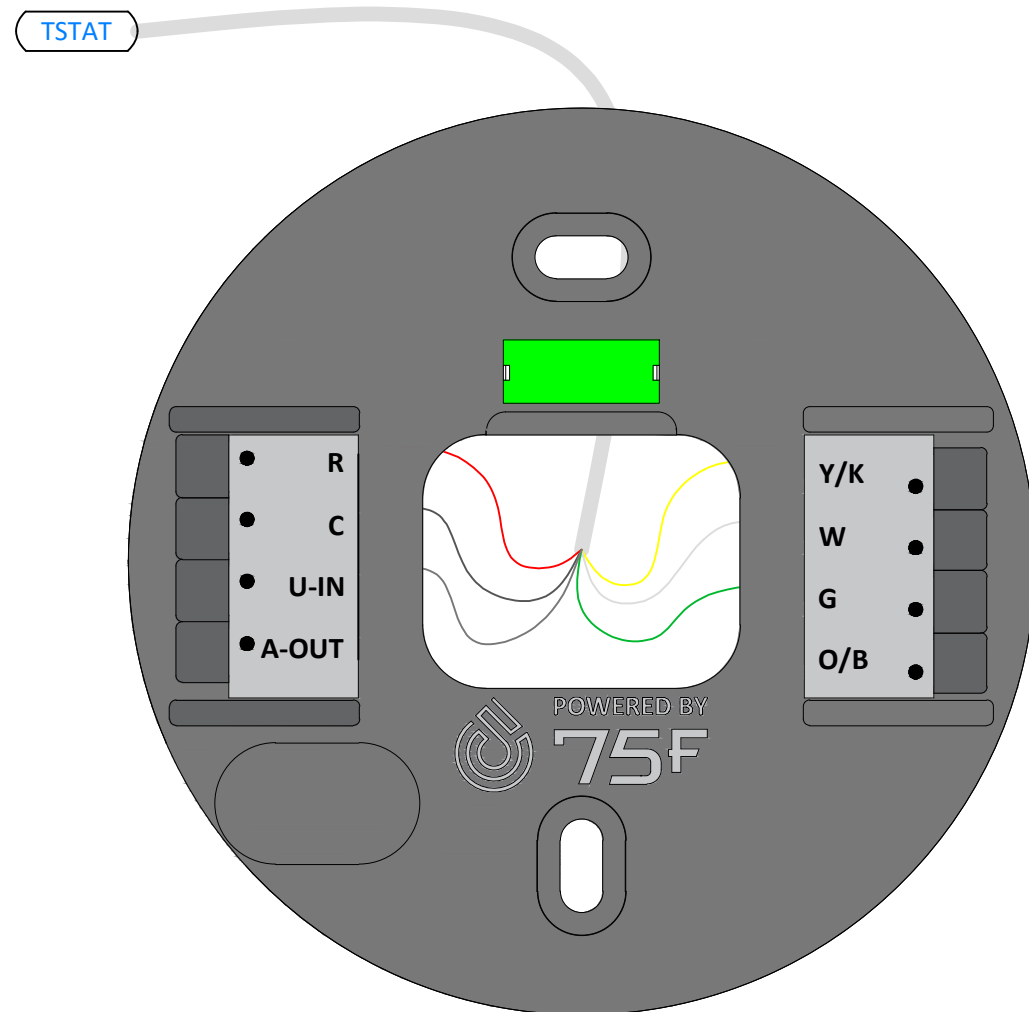
**LOGICAL DIAGRAM**



**POINTS LIST**

HYPERSTAT					
DESCRIPTION	POINT	TAG	DEVICE RANGE	MFG	PART #
SUPPLY WATER TEMPERATURE	U-IN	SWT	10K TYPE II THERMISTOR	-	3X-SE-C28X-X
WATER VALVE	Y/K	TSTAT	CC = ENABLE	-	-
SUPPLY FAN HIGH	W	TSTAT	CC = FAN HIGH	-	-
SUPPLY FAN LOW	G	TSTAT	CC = FAN LOW	-	-
SPARE	O/B		WET CONTACT		
SPARE	A-OUT		0-10VDC / 4-20mA		
POWER IN	R	TSTAT	24VAC (FROM UNIT)	-	(FROM UNIT)
COMMON	C	TSTAT	24VAC COMMON (FROM UNIT)	-	(FROM UNIT)
SPARE	RS485		4-PIN CONNECTOR		

**PHYSICAL DIAGRAM**



**SEQUENCE OF OPERATION**

THE FAN COIL UNIT (FCU) IS A WEIGHTED AVERAGE OF ONLY ONE ZONE.

**HEATING/COOLING**

1. UPON OCCUPANCY, THE SUPPLY FAN WILL BE ENABLED.
2. COOLING/HEATING MODE OPERATION IS DETERMINED BY THE CENTRAL PLANT.
3. WHEN THE CENTRAL PLANT IS PROVIDING CHILLED WATER, THE DTW VALVE WILL OPEN WHEN THE CURRENT TEMPERATURE RISES ABOVE THE COOLING SETPOINT (72°F, ADJ.). THE DTW VALVE WILL CLOSE WHEN THE CURRENT TEMPERATURE FALLS AT LEAST 0.5°F BELOW THE COOLING SETPOINT.
4. WHEN THE CENTRAL PLANT IS PROVIDING HOT WATER, THE DTW VALVE WILL OPEN WHEN THE CURRENT TEMPERATURE FALLS BELOW THE HEATING SETPOINT (68°F, ADJ.). THE DTW VALVE WILL CLOSE WHEN THE CURRENT TEMPERATURE RISES AT LEAST 0.5°F ABOVE THE HEATING SETPOINT. IF THE ZONE REQUIRES ADDITIONAL HEATING, THE AUXILIARY HEAT WILL BE ENABLED WHEN THE CURRENT TEMPERATURE IS AT LEAST 3°F BELOW SETPOINT.

**75F COMMISSIONING NOTES**

- THE SYSTEM PROFILE WILL BE SET TO '2-PIPE FCU'.
- ENABLE RELAY 1 (Y/K), RELAY 2 (W), RELAY 3 (G), AND UI (UNIVERSAL-IN).
- CONFIGURE:  
 RELAY 1 AS 'WATER VALVE'  
 RELAY 2 AS 'FAN HIGH'  
 RELAY 3 AS 'FAN ENABLE / LOW'

**Drawing Notes:**

- ①
- ②
- ③



**Project Name:**  
75F DESIGN MASTER  
REV. 1.4

**Project Address:**

**DB:**      **CB:**      **Page:**      **of**

**Drawing:**      MYSTAT 2P FCU