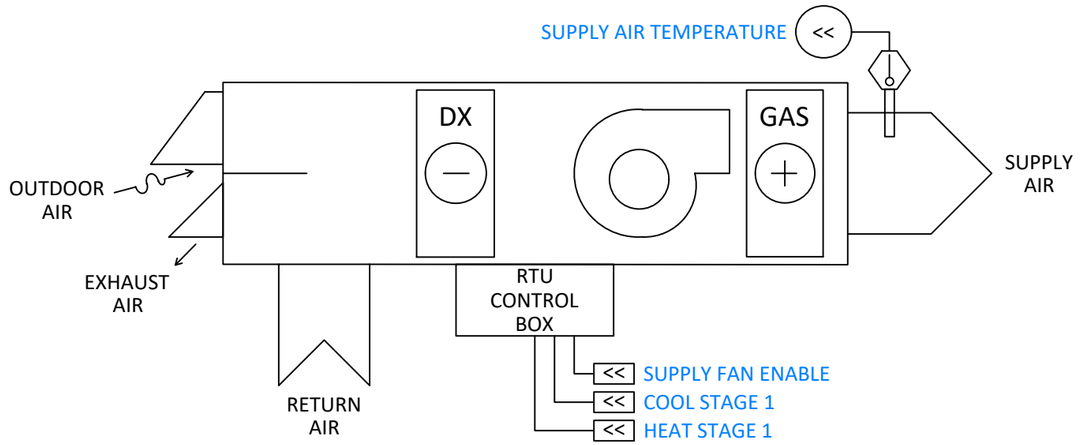
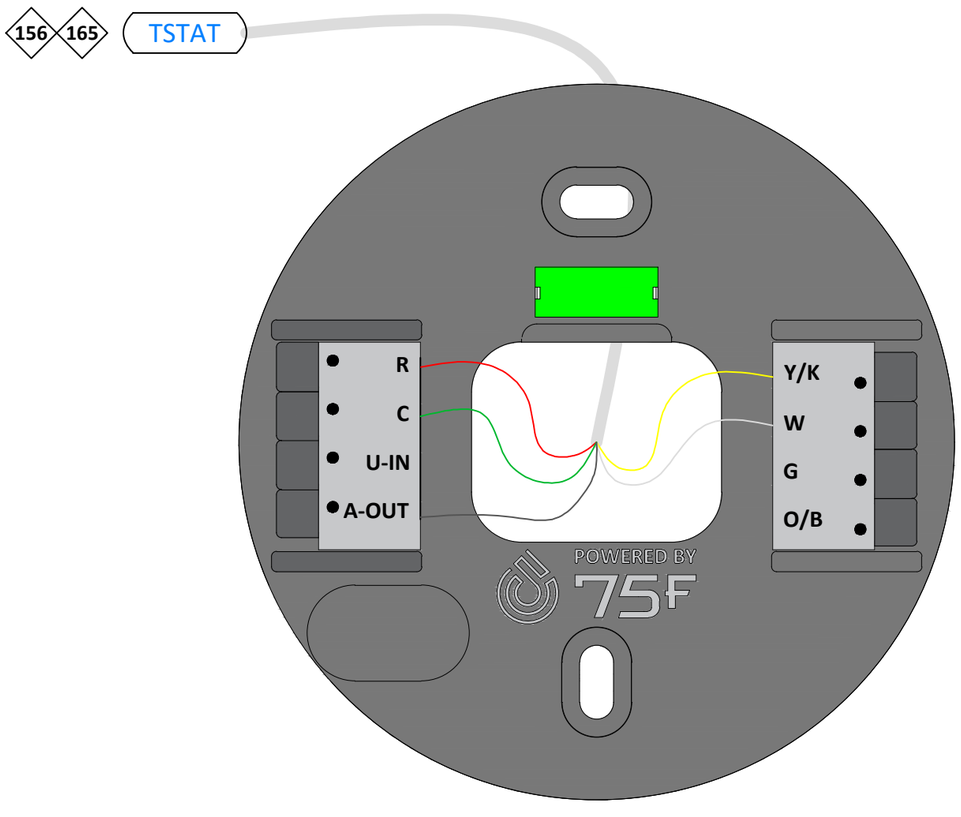
LOGICAL DIAGRAM



POINTS LIST

HYPERSTAT					
DESCRIPTION	**POINT**	**TAG**	**DEVICE RANGE**	**MFG**	**PART #**
SUPPLY AIR TEMPERATURE	U-IN		10K TYPE II THERMISTOR		NSB-10K-2-D-8-BB4-C
COOL STAGE 1	Y/K	TSTAT	CC = ENABLE	-	TO UNIT
HEAT STAGE 1	W	TSTAT	CC = ENABLE	-	TO UNIT
SUPPLY FAN	G	TSTAT	CC = ENABLE	-	TO UNIT
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

PHYSICAL DIAGRAM



SEQUENCE OF OPERATION

THE SINGLE-ZONE RTU WILL USE THE DIFFERENCE BETWEEN THE CURRENT TEMPERATURE AND THE DESIRED TEMPERATURE FOR LOAD CALCULATIONS.

HEATING/COOLING

1. WHEN THE CURRENT TEMPERATURE IS BETWEEN THE HEATING DESIRED AND COOLING DESIRED TEMPERATURES, THE FAN, COOLING STAGE AND HEATING STAGE WILL BE OFF.
2. AS DEMAND FOR COOLING INCREASES, THE FAN AND THE COOLING STAGE WILL ENABLE.
3. AS DEMAND FOR HEATING INCREASES, THE FAN AND THE HEATING STAGE WILL ENABLE.

75F COMMISSIONING NOTES

- THE SYSTEM PROFILE WILL BE SET TO 'CONVENTIONAL PACKAGE UNIT'.
- ENABLE: RELAY 1 (Y/K), RELAY 2 (W), RELAY 3 (G), RELAY 4 (O/B), AND UI (UNIVERSAL-IN).
- CONFIGURE: RELAY 1 AS 'COOLING STAGE 1'
  RELAY 2 AS 'HEATING STAGE 1'
  RELAY 3 AS 'FAN ENABLE'
  UNIVERSAL-IN (UI) AS 'SUPPLY AIR TEMPERATURE'

Drawing Notes:
①
②
③

75F

Project Name: 75F DESIGN MASTER REV. 1.4		
Project Address:		
DB:	**CB:**	**Page:** of
Drawing: MYSTAT SINGLE-ZONE RTU WITH WIRESAVER		