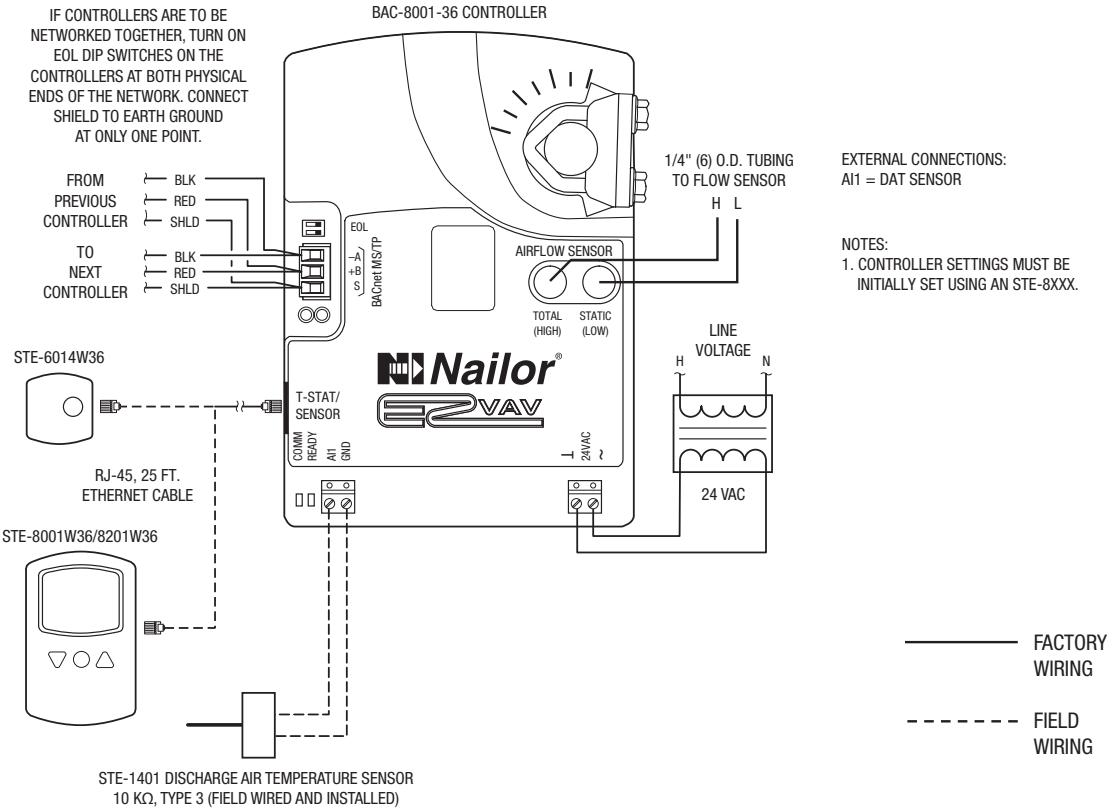
EZVAV DIGITAL CONTROLS
SINGLE DUCT VAV TERMINAL UNIT
COOLING/HEATING WITH AUTO CHANGEOVER
PRESSURE INDEPENDENT
MODELS: 3001, 3001Q & 30HQ N101



Room Temperature Sensor Option:

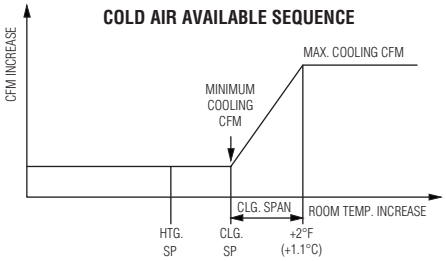
- ❑ **TSD** Digital Display (STE-8001W36)
- ❑ **TSDO** Digital Display w/Occupancy Motion Sensor (STE-8201W36)
- ❑ **TSR** Rotary Dial (STE-6014W36)

CONTROL SEQUENCE N101

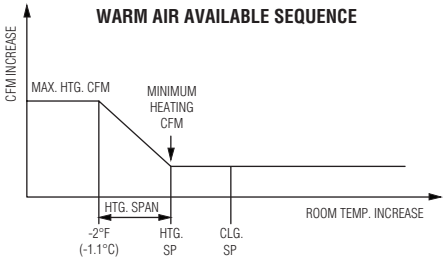
Sequence of Operation:

1. Changeover/Morning Warm-up (Central AHU Heat/Cool): If supply air as measured by the discharge air temperature (DAT) sensor is below 72°F (22.2°C), cool air is said to be available. If supply air is above 76°F (24.4°C), warm air is said to be available.
2. Cool Air Available: As the space temperature rises above the cooling setpoint, the controller increases airflow. At a space temperature of 2°F (1.1°C) above the cooling setpoint, maximum cooling airflow is maintained. On a decrease in space temperature, the controller reduces airflow. Below cooling setpoint, minimum cooling airflow is maintained.
3. Warm Air Available: As the space temperature drops below the heating setpoint, the controller increases airflow. At a space temperature of 2°F (1.1°C) below the heating setpoint, maximum heating airflow is maintained. On an increase in space temperature, airflow decreases. As space temperature rises above the heating setpoint, minimum heating airflow is maintained.

COLD AIR AVAILABLE SEQUENCE



WARM AIR AVAILABLE SEQUENCE



SCHEDULE TYPE:				
PROJECT:				
ENGINEER:	**DATE**	**B SERIES**	**SUPERSEDES**	**DRAWING NO.**
CONTRACTOR:	**2 - 22 - 23**	**3000**	**10 - 20 - 16**	**D30N101**