PARAGON HVAC

User's Guide

This building is equipped with a Paragon Rooftop Unit. Paragon units are designed to conserve energy and save on operating costs while offering exceptional comfort and indoor air quality. All Paragon units include a 5-year warranty and are equipped with CASLink, a 24/7 remote monitoring and control system.

Settings

The HMI (Figure 1) is the control center of the Paragon unit and is used to change settings, view operating information, and view fault history. The HMI has 4 buttons; function is displayed adjacent to each button on the screen. Refer to "Menu Descriptions" in the Paragon manual for full menu tree.

Adjust Temperature Set Points (Permanent)

1. Press any button on the HMI to access the home screen (Figure 2).
2. Press the top two buttons on the HMI simultaneously to open the menu.
3. Navigate to USER SETTINGS > TEMP SET POINTS > SPACE SET POINTS > HEAT or COOL (OCC/UNOCC)
4. Adjust occupied and unoccupied heating and cooling set points to desired temperatures.
5. Press the **BACK** button multiple times. The home screen will be displayed and any adjustments made will be saved.
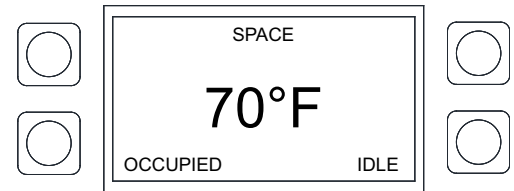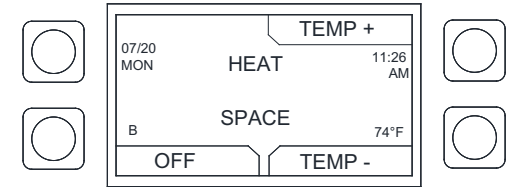
Override Temperature Set Points (Temporary)

1. Press any button on the HMI to access the home screen (Figure 2).
2. Adjust temperature using the **TEMP +** and **TEMP -** buttons on the home screen. By default, the new temperature will be held for 1 hour.
3. The lower left button may start an occupied override duration. This button may also turn the unit on/off.

Figure 1 (HMI)

SPACE

70°F

OCCUPIED   IDLE

Figure 2 (Home Screen)

07/20 MON   HEAT   11:26 AM   TEMP +

B   SPACE   74°F

OFF   TEMP -

HMI Notification Letters

B = Blower Start/Stop Delay Active   C = Compressor Min On/Off Timer Active   E = Economizer Function   O = Compressor Oil Boost   T = Throttle Mode Active   D = Dehumidification mode   Δ = Dynamic SP Applied

Faults

Active faults can be viewed on the HMI home screen (Figure 2) or by navigating to USER SETTINGS > ACTIVE FAULTS. Refer to "HMI Fault Codes" in the operation, installation, and maintenance manual for full list of fault codes.

Fault (HMI)	Description	Corrective Action
Supply Air Low (blower mode) Supply Air Proving (heating/cooling)	Airflow is below minimum allowed. Cooling and heating disabled while fault is active.	Verify supply fan and damper are operating and filters are clean.
		Contact technical support.
DX Float	Condensate drain pan is full. Cooling disabled while fault is active.	Verify condensate drain pan is clear and water is draining. Reset the unit (power cycle) to clear fault.
Max Head Pressure High Refridge PS1	High head pressure. Cooling disabled while fault is active.	Verify supply fan/damper are operating. Check filters are clean.
		Verify condenser coil is clean and condenser fans are operating.
		Contact technical support.
Freezestat (Lockout Fault)	Discharge temperature was below 35°F for more than 5 minutes. Unit disabled while fault is active.	Review fault history for other faults that disable heater. Reset the unit (power cycle) to clear fault.
Sensor Missing or Broken	Sensor is wired incorrectly, not installed, or has failed.	Check for faulty wiring.
		Contact technical support.
HMI Config Error	HMI is not connected or assigned incorrectly.	Contact technical support.
Fire or Smoke	Unit is disabled when the fault is active during fire/smoke.	Reset the unit (power cycle) to clear fault.

Maintenance

WARNING: Do not attempt maintenance on this equipment until the electrical supply has been completely disconnected and the main gas supply valve has been turned off.

Component	Maintenance	Interval
Filters	Clean metal mesh filters and replace paper filters.	Every 3 Months
Damper Assembly	Inspect and clean louvers and gutters.	Every 3 Months
Condensate Drain Pan and Pipe	Clean drain pan and piping.	Every Heating and Cooling Season

Note: Additional maintenance required at start of every heating/cooling season. See operation, installation, and maintenance manual.

For support, contact your local Sales Office or Service Representative