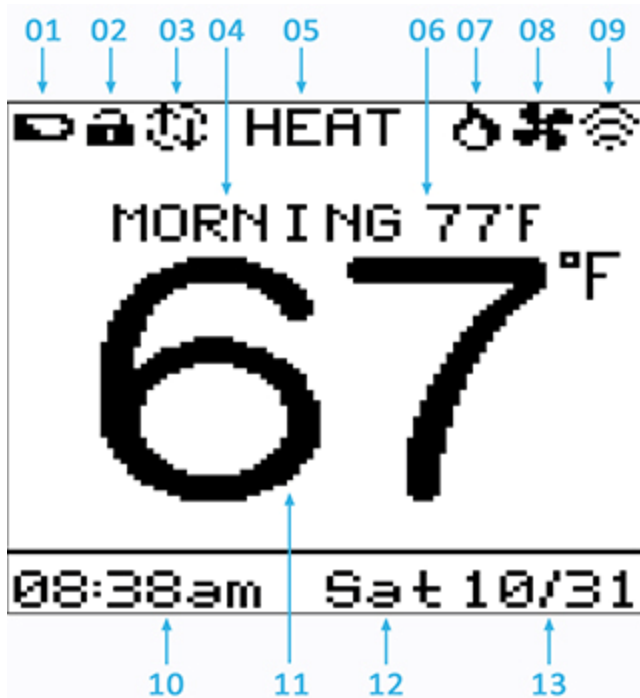


DERIVA INTELLISYNC FEATURES

The Deriva IntelliSync display will provide you with all the information you need to know about the temperature and heating/cooling conditions in your home.



- 01) Low Battery Icon
- 02) Thermostat Lockout Icon
- 03) Auto-Change Active Icon
- 04) Current Program Period
- 05) Current System Mode
- 06) Current Set Temperature
- 07) Heat/Cool Equipment Running
- 08) System Fan Running
- 09) WiFi Network Icon
- 10) Current Clock Time
- 11) Current Room Temperature
- 12) Current Day
- 13) Current Date


When running on battery power the Deriva IntelliSync display will employ certain features to conserve power such as reduce the information displayed on the screen when not in use and turn off the display overnight. At any time, you can press any button or rotate the control wheel to illuminate the display.

Below is a list of commonly accessed Deriva IntelliSync features.

Geofencing (Radius)

See the [HVAC Glossary](#) for “Geofencing”

Access via App:

Select RADIUS icon () in upper right corner of home screen for each desired thermostat. Follow prompts in app to setup.

Schedule 2/4 program periods per day

Allows you to select the number of different temperatures per 24-hour period.

2 periods per day = DAY and NIGHT.

4 periods per day = MORNING, DAY, EVENING and NIGHT

Access via App:

Select desired thermostat and then choose SCHEDULE (). To select schedule type select or uncheck boxes at top of day sliders

Access via Deriva IntelliSync:

Use control wheel to navigate to MENU > SCHEDULE > HEAT/COOL SCHEDULE > SELECT DAYS > 2/4 PERIODS

Temporary temperature override

Changes the set temperature for a limited period of time (either a preset duration or until the next schedule change). At the end of the override the set temperature will change back to the scheduled temperature.

Access via App:

Select desired thermostat and then press UP & DOWN arrows to change target temperature. After setting desired temperature you can modify the override period.

Access via Deriva IntelliSync:

From the home screen just turn the control wheel to change the target temperature and press ENTER. After setting desired temperature you can modify the override period.

Manual temperature hold

Holds a set temperature indefinitely.

Access via App:

Select desired thermostat then press HOLD button, choose ON, and select target temperature with up & down arrows.

Access via Deriva IntelliSync:


From the home screen use the control wheel to select MENU > SCHEDULE > SELECT "HOLD CONSTANT". Once in HOLD mode, turn the control wheel to adjust desired temperature.

Away temperature mode

Away temperature is a predefined set-back temperature to save money when your home or office is unoccupied.

Access via App:

To enter/ exit Away mode; select SET AWAY button for each desired thermostat.

To change away temperatures; Select desired thermostat then select SETTINGS () , and modify "away heat" or "away cool".

Access via Deriva IntelliSync:

To enter/ exit Away mode; from the home screen press BACK (X) button.

It is not possible to change the "away heat" or "away cool" temperatures from the Deriva IntelliSync.

Temporary compressor protection bypass

This will disable any minimum run time in order to quickly test the wiring of your Deriva IntelliSync and HVAC system (Nb. Inappropriate use of this feature may damage your compressor)

It is not possible to access this feature via the App.

Access via Deriva IntelliSync:

To set the compressor protection bypass use the control wheel to navigate from MENU > SETTINGS > SYSTEM > MINIMUM RUN > SUSPEND > EXIT, compressor protection delays will not be enforced for 5 minutes.

Minimum run time protection (5/2 minute selectable equipment protection delay)

This feature ensures sufficient time elapses between heating/ cooling events.

On time; time between heating/ cooling turning on and turning off (“short cycling”). Off time; time between heating/ cooling turning off and turning on again (“compressor protection”).

Each variable can be set between off (0) and 10 minutes.

It is not possible to modify this setting via the App.

Access via Deriva IntelliSync:

From the home screen use the control wheel to select MENU > SETTINGS > SYSTEM > MINIMUM RUN > SELECT ON TIME / OFF TIME.

User temperature calibration

Your thermostat is already calibrated by the factory but you can use this feature to make manual adjustments to the temperature sensor reading.

It is not possible to modify this setting via the App.


Access via Deriva IntelliSync:

From the home screen use the control wheel to select MENU > SETTINGS > SYSTEM > CALIBRATION. Press the ENTER button once temperature is set to desired calibration.

Fahrenheit/Celsius display option

Change the user interface from Fahrenheit scale to Celsius scale. Note the device and App may need to be set separately.

Access via App:

Go to USER () and select desired temperature units.

Access via Deriva IntelliSync:

From the home screen use the control wheel to select MENU > SETTINGS > DISPLAY > FORMAT, select either degrees F or C.

Adjustable heating/cooling temperature limits

These limits allow you to set the maximum and minimum settable temperature range. It is not possible to modify this setting via the App.

Access via Deriva IntelliSync:

From the home screen use the control wheel to select MENU > SETTINGS > SYSTEM > TEMP LIMITS, adjust values for min/max for both heating and cooling.

Air filter monitor

This monitor counts the number of hours of fan run time in order to provide a reminder for filter replacement.

It is not possible to modify this setting via the App.

Access via Deriva IntelliSync:

From the home screen use the control wheel to select MENU > FAN > FILTER, adjust desired duration of filter change reminder.

AM/PM or 24HR clock display option

Change the user interface from 12HR clock format to 24HR clock format (military time). It is not possible to modify this setting via the App.

Access via Deriva IntelliSync:

From the home screen use the control wheel to select MENU > SETTINGS > DISPLAY > FORMAT > TIME, select either 12H or 24H.

Adjustable temperature differential – SWING

See the [HVAC Glossary](#) for “Swing”

It is not possible to modify this setting via the App.

Access via Deriva IntelliSync:

From the home screen use the control wheel to select MENU > SETTINGS > SYSTEM > STAGE 1 SWING, select desired differential for both heating and cooling.

Adjustable 2nd stage temperature differential – OFFSET

See the [HVAC Glossary](#) for “Offset”

It is not possible to modify this setting via the App.

Access via Deriva IntelliSync:

From the home screen use the control wheel to select MENU > SETTINGS > SYSTEM > STAGE 2 OFFSET, select desired 2ND-Stage differential for both heating and cooling