

## Product Description

The Pearlink control system offers total fan control from a desktop or mobile device. It integrates with existing WiFi to provide wireless connectivity for monitoring stratification levels and to provide individual or grouped fan control. This factory installed option will replace all control wiring and manual wall controls. Each installation includes a floor sensor to be installed near your thermostat to monitor stratification levels.

A Pearlink enabled fan system will allow you to:

- Reduce installation cost by eliminating control wiring
- Control fans individually or in groups
- Monitor temperature and humidity at fan level and floor level
- Monitor Delta-T (stratification level)
- Export temperature and humidity data in csv format
- Monitor fans via the integrated tachometer
- Alerts for run time and/or stratification
- Upgrade firmware via Over the air (OTA) encrypted firmware updates

## Power Consumption

Idle: 16mA

TX/RX: 200mA

## Wi-Fi Characteristics

802.11b/g/n 2.4 GHz

TX Power 18 dBm @ 1DSSS

RX Sensitivity -96 dBm @ 1 DSSS

Range 100 meters

## Sensors & Accuracy

Temperature Sensor +/- 1 °F

Humidity Sensor +/- 1% RH

Tachometer +/- 3%

## Interface

Web-based (Chrome/Firefox), iOS, or Android (Mobile apps available in App Store and Google Play Store)

## Requirements

2.4 GHz Wi-Fi network

Phone or tablet with iOS 8 or later, or Android 4 or later required for setup

Browser for accessing the web dashboard to control devices (PC or MAC)

A free Pearlink Account

## Operating Conditions

Temperature 32 to 120°F

Humidity Up to 90% RH

Altitude Up to 10,000 ft

## Ordering

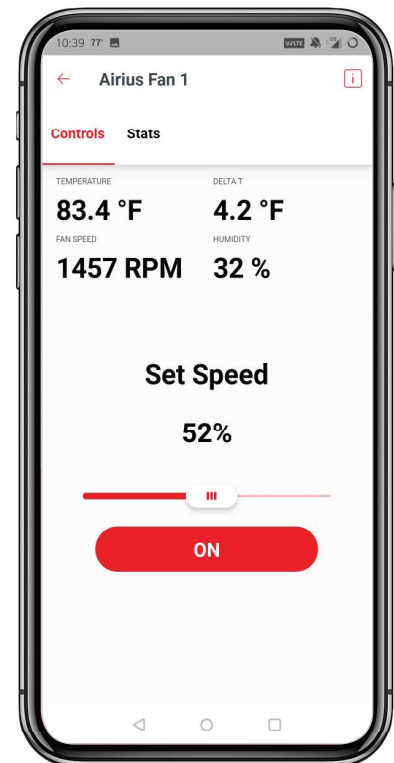
The Pearlink control is a factory installed option. Please refer to the individual model cut sheets for configuring your fan.



ARIUS FAN SYSTEM



ARIUS CONTROLS SERVER



PHONE OR TABLET