

# SubDrive

## SUBDRIVE & MONODRIVE

NEMA 3R ENCLOSURE

Easy installation | Easy-to-read LCD display for motor speed and fault identification | Wi-Fi and smartphone app for advanced monitoring | User-defined motor frequency range | Broken-pipe detection | User-defined underload sensitivity and off time | UL and cUL listed



**Franklin Electric**

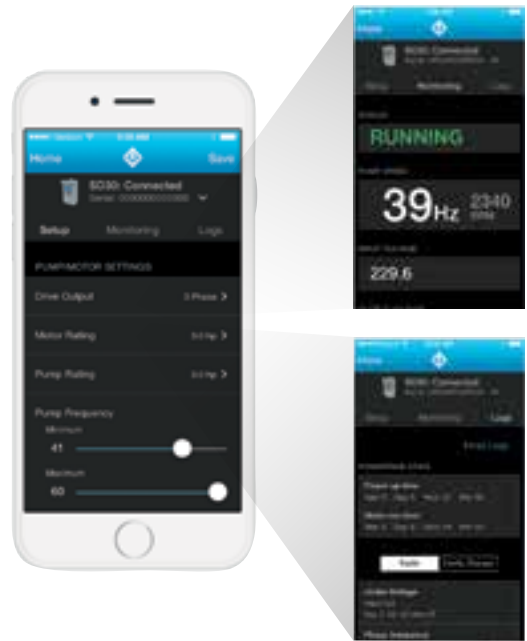
[franklinwater.com](http://franklinwater.com)



# FE Connect

## FE CONNECT MOBILE APP

Wi-Fi connectivity is a feature of the drive that enables a connection to be made with a single Wi-Fi device (smartphone or tablet). The connection can be used to monitor drive characteristics, adjust advanced settings, and view or email fault history and configuration changes. The mobile app can be downloaded from the Apple App Store or Google Play, depending on the device being used.



### MONITORING

The monitoring page allows for real-time monitoring of the system, including:

- System Status
- Output Current
- Motor Speed
- Input Voltage
- System Information (Drive Model, Hardware Version, Software Version)

### SET-UP

The set-up page allows for the configuration of additional drive features, including:

- Drive Output\*
- Minimum Frequency
- Aggressive Bump
- Motor Size\*
- Maximum Frequency
- Broken Pipe Detection
- Pump Size\*
- Bump Mode
- Steady Flow\*
- Underload Sensitivity\*
- Tank Size Mode
- Units (hp or kW)
- Underload Off Time

\*In order to change and use the app settings for Drive Output, Motor Size, Pump Size, Underload Sensitivity, and Steady Flow, the FE Connect DIP switch (SW1, Position 1) on the drive must be on (up). Otherwise, the drive will default to the settings made via the DIP switches and Underload Sensitivity rotary knob on the drive itself.

### LOGS

The logs page allows for the viewing and emailing of fault history and configuration changes.

- View drive power-up time
- View motor run time
- View and email up to 500 fault history events
- View and email configuration changes

### ORDERING INFORMATION

Drive	Order No.	Single-phase (3-wire)					Three-phase		
		0.5 HP	0.75 HP	1.0 HP	1.5 HP	2.0 HP	1.5 HP	2.0 HP	3.0 HP
MonoDrive	587 020 5003	X	X	X					
MonoDriveXT	587 020 5203			X	X	X			
SubDrive15	587 020 5103	X*	X*	X*			X**		
SubDrive20	587 020 5303			X*	X*	X*	X**	X**	
SubDrive30	587 020 5403			X*	X*	X*	X**	X**	X**

\*SubDrives can operate as MonoDrives.

\*\*Higher-power SubDrives can operate smaller power motors.