Martin-Till SmartClean – App Instructions (Updated-3/24/2020)

The Martin-Till SmartClean system is controlled via an app that can be installed on iOS and Android devices. The app controls the system over a wireless Bluetooth connection.

1 Download the App

Installing the *Martin-Till Smart Clean V2* app on an iOS or Android mobile device is the first step.
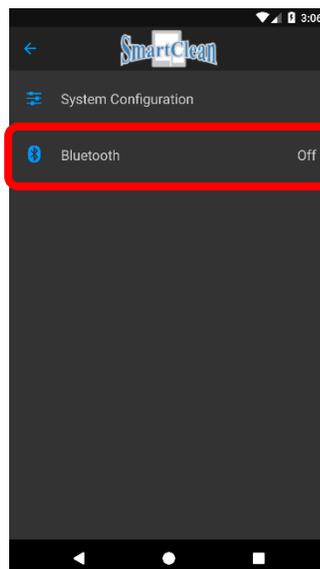
1. Go to the Google *Play Store* or the iOS *App Store*
2. Search for *Martin-Till Smart Clean V2*
3. Install the app titled *Martin-Till Smart Clean V2 (Software Update 3.3.101)*
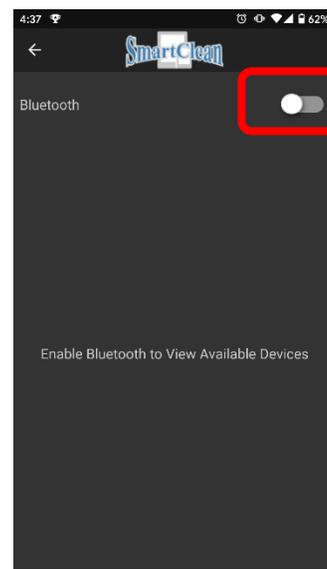
2 Connect to your Martin-Till SmartClean

Follow the below steps to connect to the Martin-Till SmartClean system.
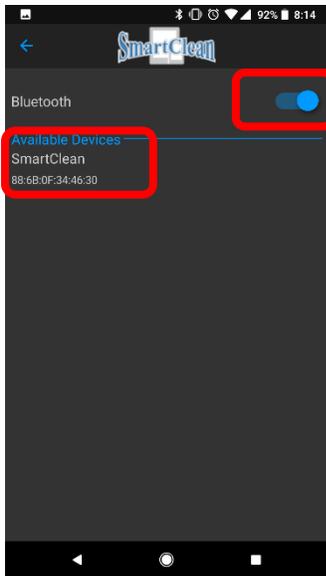

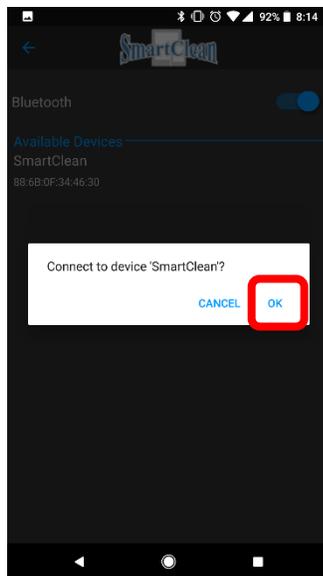*1. Notice the Bluetooth: Not Connected message. Click on the gear*

2. Click on the Bluetooth label

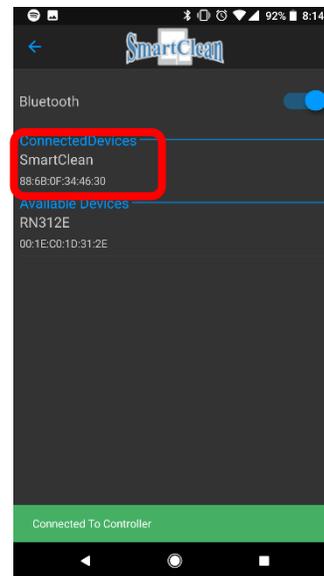*3. If Bluetooth is disabled, ENABLE will have black font. Click ENABLE*

4. When Bluetooth is enabled, ENABLE will have grey font and available devices will be listed. Click SmartClean in the list of Available Devices.

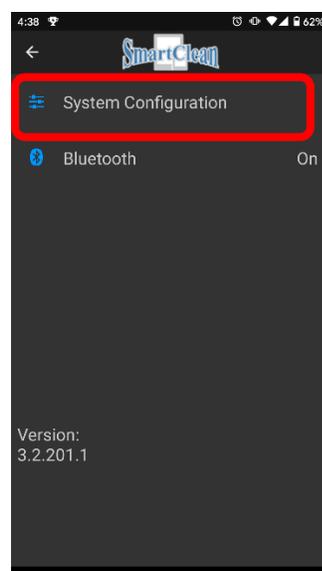*5. A verification prompt will be displayed. Click OK*

6. After the device is successfully connected, a green Connected To Controller message will be displayed momentarily and the SmartClean device will be in the list of Connected Devices.
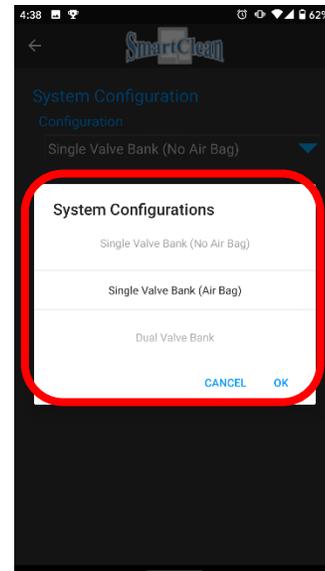
3 Configure your Martin-Till SmartClean

The Martin-Till SmartClean can have several different configurations. The operator must select the proper configuration within the app by launching the *Smart Clean V2* app following the instructions below.

1. Click on the gear
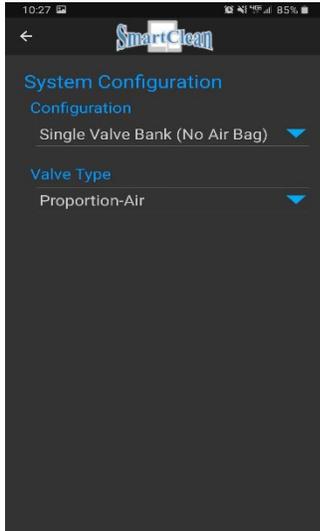
2. Click on System Configuration

3. Select the appropriate configuration

Questions? Call your service dealer or Martin Industries, LLC • 800.366.5817
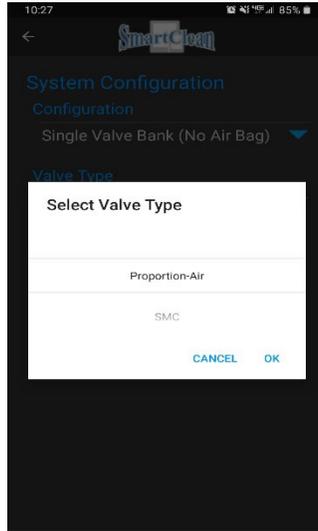
Martin-Till® Planting System

The Martin-Till SmartClean system can be installed in several different configurations. The following sections highlight functionality available in the app for each configuration.

The Smart Clean App also provides compatibility for earlier and current style systems through the new "Valve Type" Setting in System Configurations Menu, follow instructions below.
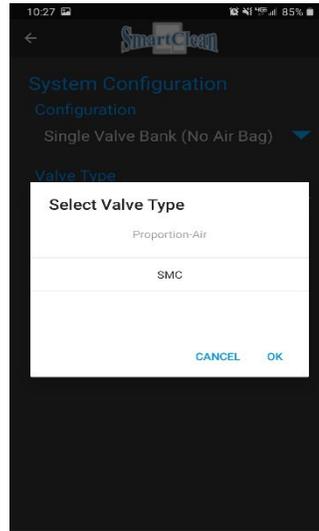
If unsure which valve is needed, compare the Set PSI to the Actual. If the two are approximately 20 psi different, you may need to change the valve type.
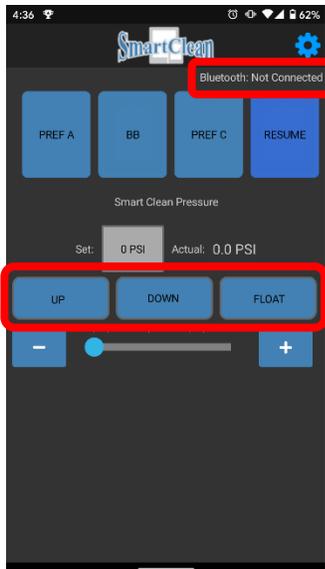
Go to System Configurations Menu

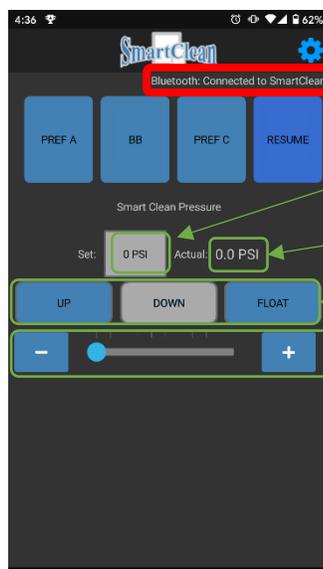*Selecting Proportion Air will make app compatible with Earlier Smart Clean Systems*

Selecting SMC Valve will make your app compatible for the current Smart Clean Systems

4   Single Valve Bank (No Air Bag)-For System 900182

Select the set/target pressure by clicking on it and entering a value.

Actual pressure value.

Select the direction pressure is applied.

Select the set/target pressure applied by clicking the plus and minus buttons or adjusting the slider.

Not Connected State (Bluetooth: Not Connected and UP/DOWN/ FLOAT buttons are all blue)

Connected State

5 Single Valve Bank (Air Bag)- For System 900180

Select the set/target pressure by clicking on it and entering a value.
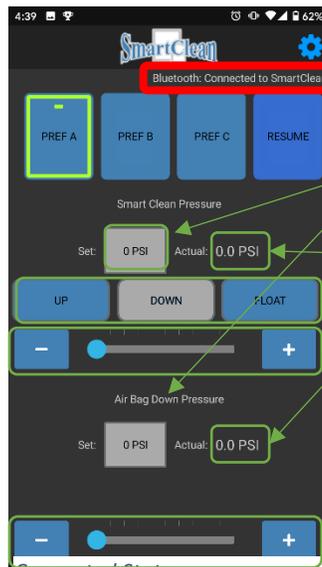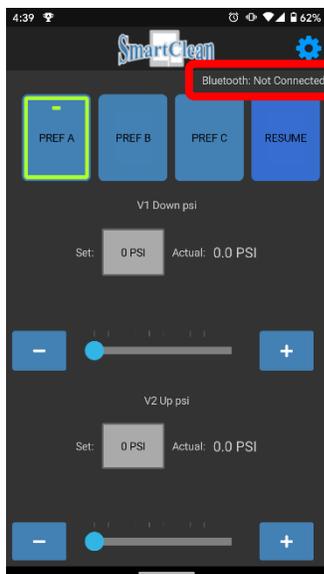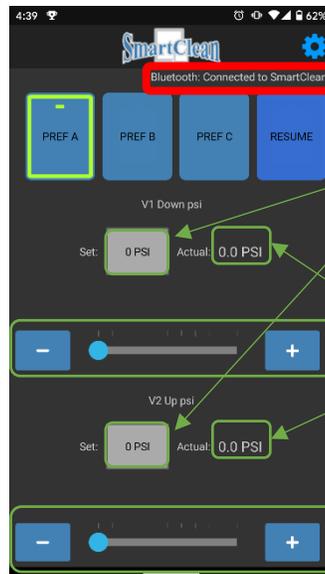
Actual pressure value.

Select the direction pressure is applied.

Select the set/target pressure applied by clicking the plus and minus buttons or adjusting the slider.

Not Connected State (Bluetooth: Not Connected and UP/DOWN/ FLOAT buttons are all blue)

Connected State

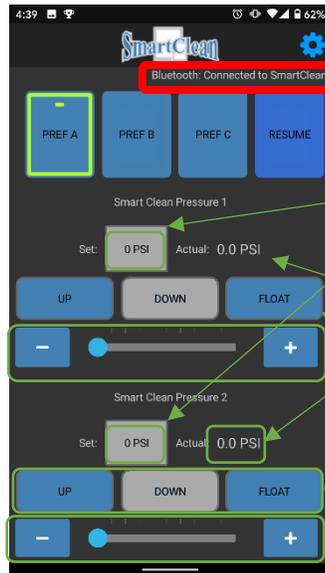## 6 Bi-Directional Control-For System 900181

Select the set/target pressure by clicking on it and entering a value.

Actual pressure value.

Select the set/target pressure applied by clicking the plus and minus buttons or adjusting the slider.

Not Connected State (Bluetooth: Not Connected)

Connected State

The bi-directional control configuration requires a 2-valve system (Part No: SC-ASSEMBLY-2). The plumbing box valve connection needs to be reconfigured for bi-directional control. Please contact your dealer or call Martin-Till for reconfiguration directions and more information.

7   Dual Valve Bank * Not Currently Supported *-For System 900183

Select the set/target pressure by clicking on it and entering a value.

Actual pressure value.

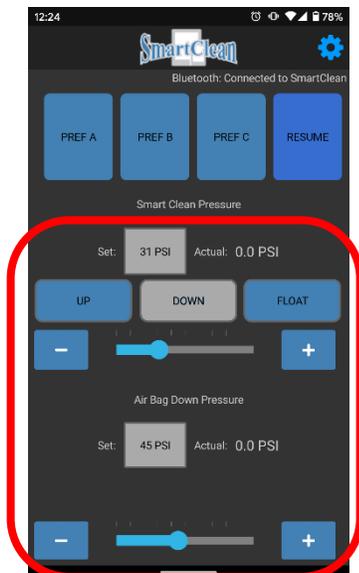Select the direction pressure is applied.

Select the set/target pressure applied by clicking the plus and minus buttons or adjusting the slider.

Not Connected State (Bluetooth: Not Connected and UP/FLOAT/ DOWN buttons are all blue)
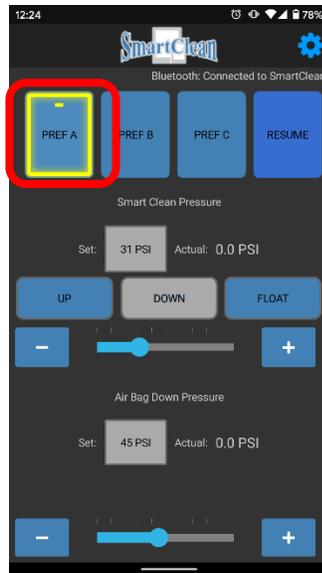
Connected State

The dual valve bank configuration requires a 2-valve system (Part No: SC-ASSEMBLY-2) and is not currently supported.
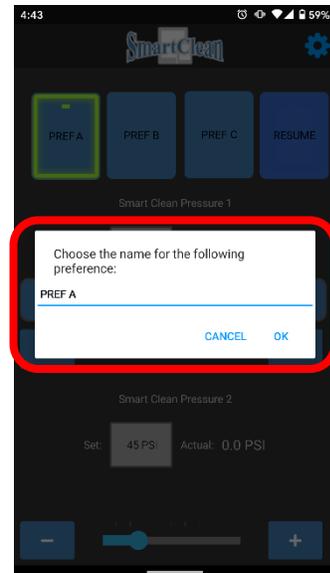
8   Saved States / Presets and Resume

The application can store up to three saved states using preset buttons, which are by default named *PREF A*, *PREF B* and *PREF C* but can be given meaningful names. The saved states are configuration specific (single valve bank, bi-directional control, etc.) and are used to quickly change between commonly used SmartClean states.
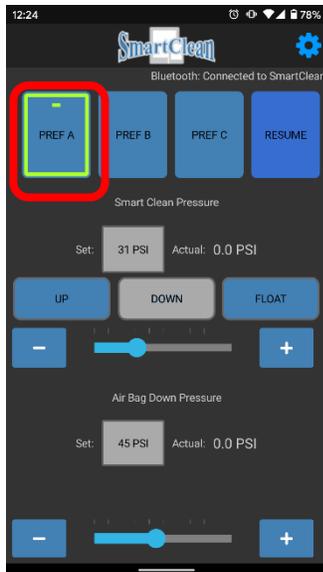

1. Adjust the pressure(s) and position to the desired set/target values.

2. Press and hold one of the three preset buttons.

3. When prompted, name the saved state and click OK.

4. Notice the button for the updated saved state is highlighted, indicating the current SmartClean state and the saved state are equal.

The *RESUME* button is used to restore the previous SmartClean state, that has been stable for at least two seconds. This includes pressure(s) and position(s). It is used to toggle between two states.

For example, if the SmartClean system was targeting 31 PSI DOWN for a couple of minutes and then was manually adjusted to 50 PSI DOWN by using the slider or +/- buttons, as long as the operator made the change quickly and didn't stay at any of the intermediate pressures for more than two seconds, then when the operator pressed *RESUME* the 31 PSI DOWN state would be restored.