

# Beam Central Vacuum Systems

## PLATINUM LCD INSTRUCTION MANUAL

Read This Manual Thoroughly Before Use



### MAIN SCREEN

The main screen is shown when the system is connected to an electrical outlet. This is the screen displayed in regular operations mode with full system performance. The system performance plus local time and temperature can be viewed from the Main Screen.

Along the bottom of the screen the following icons are displayed from left to right, the Power (⏻) icon, the Left (←) and Right (→) Toggle Arrow icons and the Enter (↵) icon. To scroll through the LCD menus, the button directly below each corresponding icon executes the navigational feature.

### USER SETUP

Your LCD enabled power unit provides the ability to customize the temperature, (Celcius or Fahrenheit) and time formats, (12-hour or 24-hour). Formats can be customized using the USER SETUP menu. To enter the USER SETUP menu, press the <Enter> button.

### Temperature Customization

Use the Left and Right toggle buttons to select the temperature format of either C or F. Once the correct format has been selected, press the <Enter> button to proceed to the next screen.

### Time Format Customization

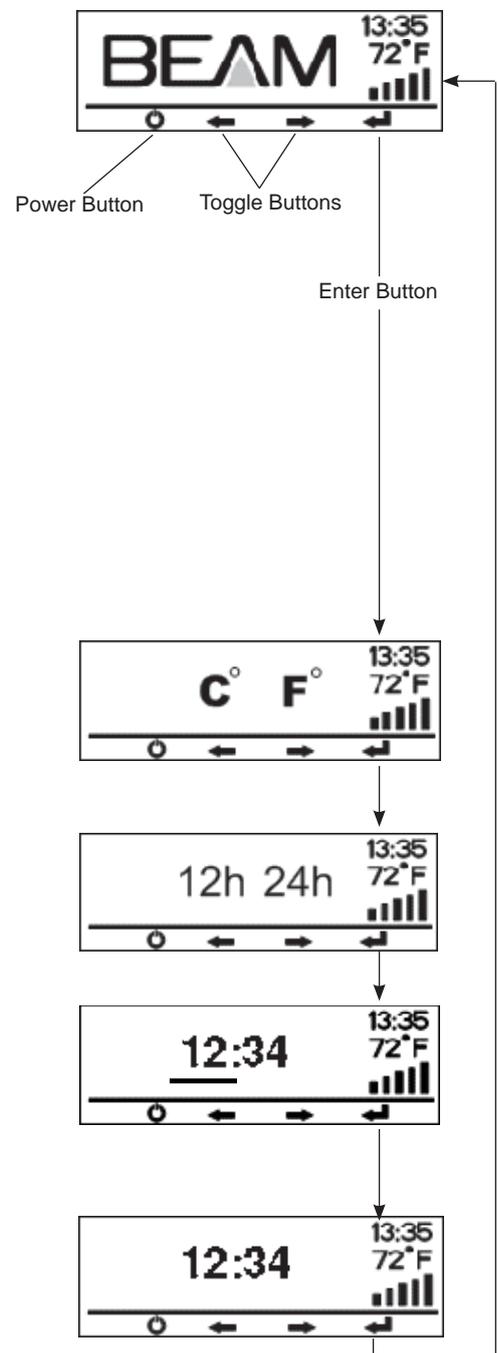
Use the Left and Right toggle arrows to select the temperature format of either 12 or 24 hours. Once the correct format has been selected, press the <Enter> button to proceed to the next screen.

### Time Setting

The time can be changed by using the Left and Right toggle buttons. The first number field in the display is underlined with a bar, indicating that it can be adjusted with the toggle buttons. Press the <Enter> button to proceed to the next number field.

### Review User Setup Settings

The next screen displays the temperature and time with the user selected formats. Press the <Enter> button to return to the Main Screen



## SYSTEM CHECKS

The System Checks menu provides the ability to monitor overall system performance. Specific elements monitored include the dirt receptacle level, airflow performance, motor and electrical systems, and the need for power unit service. The happy face indicates that each monitored element of the power unit is performing at optimal levels. Use the right and left toggle buttons to scroll through the SYSTEM CHECK screens to view each system monitoring element.

### Main Screen

#### Dirt Receptacle and Happy Face

This display denotes that the dirt receptacle does NOT currently need to be emptied.

#### Three to Five Performance Bars and Happy Face

This display indicates the system is performing at the optimal airflow level. The power unit motor is operating at optimum performance when all five power bars are illuminated. Normal operating performance is when three to five bars are shown. Performance levels will decrease as the filter is loaded with debris or as the motor has significant wear. Fewer bars will be illuminated as performance decreases.

When the power unit is off, the display will illuminate the airflow level of the last operating cycle. Note: It is also normal to see changes in performance when specialty attachments are used.

#### Motor Icon and Happy Face

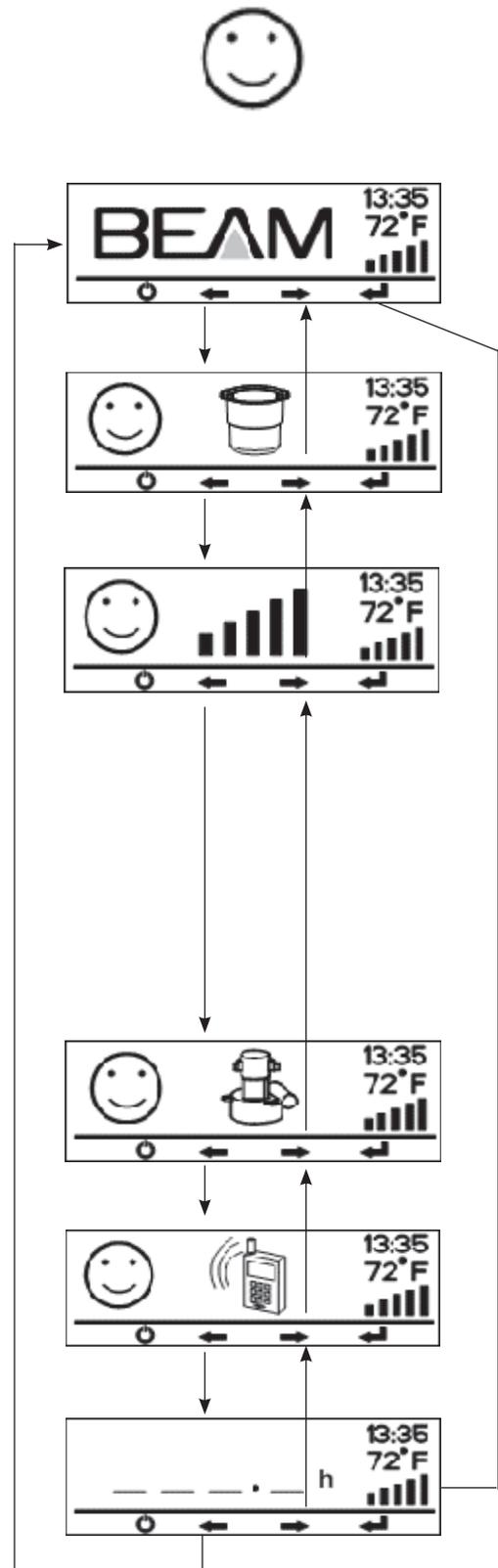
This display indicates all electrical and motor components are functioning properly.

#### Telephone Icon and Happy Face

This screen indicates that the system has NOT encountered any error conditions and it is NOT necessary to call for service at this time.

#### System Run Time

This display shows you the overall number of hours that the power unit has operated. It shows your total time of vacuuming with the Beam system.



## SYSTEM ALERTS

Your LCD enabled power unit is constantly monitoring the system status. In the event of an error condition, it will provide a system alert on the LCD in place of the Main Screen.



The sad face indicates that the power unit has experienced an error condition. The power unit may display the following alerts:

### Main Screen Appears Flashing

If the power unit receives an excess of electricity such as an over current situation, the Main Screen will start flashing.



The flashing Main Screen indicates that the power unit has automatically recovered from an error situation and will operate properly when powered on.

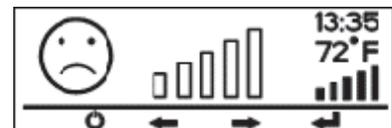
### Bucket Icon with Sad Face

This screen will be displayed when the dirt receptacle needs to be checked for emptying. After checking (and possibly emptying) the bucket, press the <Enter> button to return to the Main Screen. This will reset the timer for the bucket monitor.



### Empty/Flashing Power Bars with Sad Face

This screen is displayed when the power unit motor is unable to operate at optimal system performance. When only 2 bars or less are illuminated, the airflow is restricted, meaning the vacuums cleaning power has decreased. If the remaining bars are flashing, the airflow restriction has been present for more than 12 minutes of vacuuming and attention is urgent. Air flow can be restricted by several factors:

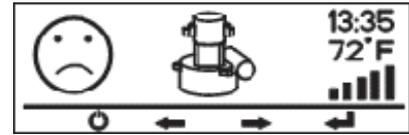


- 1) Loaded Filter  
(see "Filter Maintenance" section of the Power Unit Owner's Manual)
- 2) System Blockage  
(see "Trouble Shooting" section of the Power Unit Owner's Manual)
- 3) Motor Wear  
(contact an authorized Beam service technician)

The most common cause is a loaded filter, and the system performance can be restored by cleaning the filter. Alternatively, there may be a system blockage, and the hose and piping system needs to be checked for blockage.

### Motor Icon with Sad Face

This screen indicates that the motor has shut down due to an electrical fault. When the system experiences an electrical failure it will attempt to automatically reset after a 15 to 30 second delay. Once recovered, the display will return to the flashing Main Screen, indicating that the power unit has been reset and will operate properly when powered on.



In the event that the system is unable to automatically reset, the display will switch to the Phone Icon with a Sad Face screen, indicating the need to contact a Beam dealer for service. This indicates a motor failure, where service is needed.

### Phone Icon with Sad Face

This screen will be displayed for either of two reasons:

- 1) The system experiences a failure that requires repairs by an authorized Beam service technician.
- 2) The power unit reaches 500 hours in the life-cycle when the motor brushes and filter should be checked for wear.



To resolve this system alert, contact a Beam dealer.

HINT: Changing the motor brushes is an inexpensive way to increase the overall motor life and is recommended after 500 hours of operation.

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The instructions in this booklet serves as a guide for use of the Beam Platinum LCD screen. For further information contact your nearest authorized dealer/distributor.

