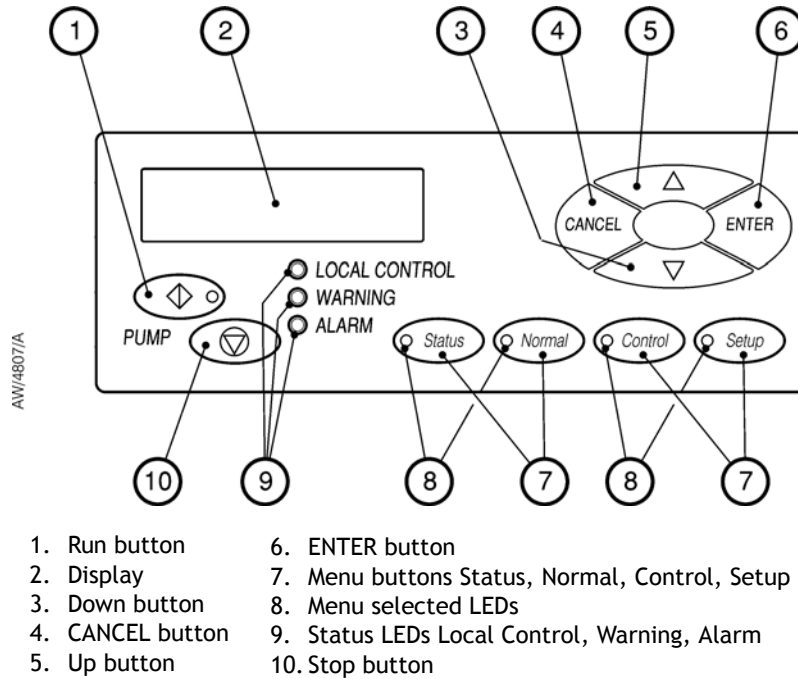


Figure 7 - End User Controller (EUC) display



- | | |
|------------------|--|
| 1. Run button | 6. ENTER button |
| 2. Display | 7. Menu buttons Status, Normal, Control, Setup |
| 3. Down button | 8. Menu selected LEDs |
| 4. CANCEL button | 9. Status LEDs Local Control, Warning, Alarm |
| 5. Up button | 10. Stop button |

1.5 Connections

Refer to Table 2 and Figure 4.

1.6 Control and monitoring

The EPX L and N series of pumps cannot be manually operated; they must be controlled and monitored by external control equipment, which must be connected to the EPX pump through the TIM (Figure 2, item 5).

The EPX E series of pumps can be manually operated using the EUC local display and keypad, or remotely using a PDT, if fitted; it can also be controlled and monitored over the network, which connects to the EPX pump through the Network connector (Figure 5, item 2). When the EPX 'E' series of pumps is controlled via the TIM, the EUC simply monitors the status of the pump.

The EPX pump is compatible with Fabworks 32.

1.7 EPX pump labels

Refer to Table 3 and Figure 4.

1.8 End user controller

The End User Controller (EUC) allows manual control of the EPX pump and also displays the pump status. Refer to [Figure 7](#) which shows the front panel of the EUC display.

Use the run button ([Figure 7](#), item 1) to start the EPX pump. The run button has an LED which is on when the EPX pump is running. Use the stop button ([Figure 7](#), item 10) to stop the pump.

The display ([Figure 7](#), item 2) shows two lines of text; each line is 16 characters long. In normal operation, the Normal display is shown; the Normal display has two pages, and each has two lines. Each page of the Normal display shows the status of one or more EPX EUC sensors or internal clocks and counters. As supplied, the first page of Normal display shows the pump serial number and pump current. It is possible to change the information shown on the Normal display.

At any time, press one of the four menu buttons ([Figure 7](#), item 7) to select a new menu. Then use the up ([Figure 7](#), item 5), down ([Figure 7](#), item 3), ENTER ([Figure 7](#), item 6) and CANCEL ([Figure 7](#), item 4) buttons to move through the menu. The appropriate menu selected LED ([Figure 7](#), item 8) is on when the corresponding menu is in use.

Use the menu ([Figure 7](#), item 7), up ([Figure 7](#), item 5), down ([Figure 7](#), item 3), CANCEL ([Figure 7](#), item 4) and ENTER ([Figure 7](#), item 6) buttons as described below. Refer to [Section 4](#) for a full definition of the menu structures and the display formats.

Status: Press this button to select the Status menu. This menu displays the current pump status.

Normal: Press this button to select the Normal display.

Control: Press this button to select the Control menu, then take control or release control of the pumping system (refer to [Section 4](#)).

Setup: Press this button to select the Setup menu. In this menu it is possible to display parameters (such as the pressure units used when pressures are displayed).

Enter (6): Use this button to select a currently displayed menu option or to enter a currently displayed parameter.

Cancel (4): Use this button to cancel the currently displayed menu or option and return to the previous menu or option.

Up (5)/Down (3): Use these buttons to move up or down menu options or to increase or decrease a displayed parameter.

The status LEDs ([Figure 7](#), item 9) show the current status of the EPX system.

Alarm: This LED shows when an alarm condition exists.

Warning: This LED shows when a warning condition exists.

Local control: This LED is on when the EUC has control of the EPX system.

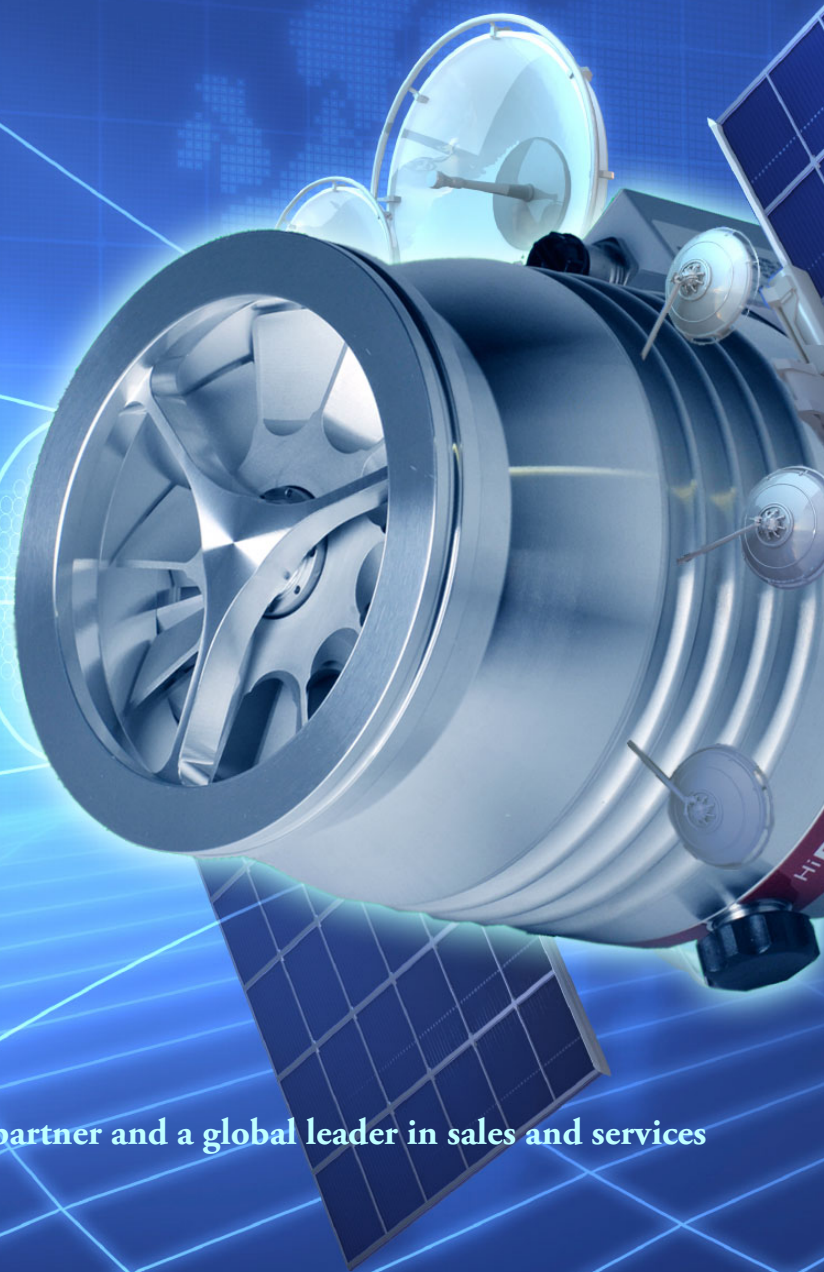
The ALARM and WARNING LEDs flash when the corresponding alarm or warning condition first occurs. When acknowledging the condition, the corresponding LED goes on permanently. For most alarms and warnings, if the condition clears (that is, the fault which caused the condition is no longer present), the corresponding LED goes off once the condition has been acknowledged.

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A&J Vacuum Services, Inc.
790 Bloomfield Ave., Suite B3
Clifton, NJ 07012, USA
Tel: 973-249-0854
Fax: 973-249-0855
Website: www.ajvs.com

Customer Service: info@ajvs.com
Sales Inquiries: sales@ajvs.com
Service Inquiries: service@ajvs.com
Technical Assistance: tech@ajvs.com
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