

# WORK WITH A PRO



## VPRO™

The one single-source package  
for your vapor recovery needs



**FW MURPHY™**  
PRODUCTION CONTROLS

[fwmurphy.com/vrupro](http://fwmurphy.com/vrupro)

# The Ultimate Vapor Recovery Control Package

The VRU PRO™ control panel is the single, best answer for your vapor recovery needs. Instead of putting a mish mash of equipment together to find a solution, the fully featured VRU PRO™ control panel has everything in one single-source package that comes to you ready to go. This plug-and-play equipment is available in a variety of options:

**Class 1, Div. 2 Certified**

See back page for specifications.



**SINGLE PACKAGE,  
VAPOR RECOVERY  
CONTROL PANEL  
STANDARD PANEL**

Specifically designed for tank battery vapor recovery compressors, the VRU Pro controller offers comprehensive signal monitoring and control with manual/automatic start and speed/recycle/capacity control through three-way PID monitoring of suction pressure, discharge pressure and drive load.

Additional features include:

- Fit for purpose, multifunction I/O including analog I/O and thermocouple inputs
- Engine / motor monitoring and protection features selectable
- CAN J1939 engine communications
- 12/24 VDC and AC powered versions (AC versions require additional hardware)
- Setup configurable through keypad
- Serial communications (RS485)

**GET ADDITIONAL BENEFITS ON ENGINE-DRIVEN APPLICATIONS WITH THESE TWO OPTIONS**

**1**



**VAPOR RECOVERY CONTROL PANEL WITH AIR/FUEL RATIO CONTROL**

Combine the cost-effective benefits of the VRU Pro controller with our AFR Series in a single panel. FW Murphy's Air/Fuel Ratio control system display and controller are designed in this panel option to give you integration delivered from the factory.



**2**



**EICS VAPOR RECOVERY CONTROL PANEL WITH ENGINE INTEGRATED CONTROL SYSTEM**

Experience the economic advantage of the VRU Pro controller when paired with our EICS package in one panel. The EICS harness connections and display are engineered to give you complete integration that is ready to go out of the box.



**WE OFFER A VARIETY OF PANEL STAND OPTIONS**

See back page





## Specifications

### VRU PRO Display:

- 3.8" monochrome backlit LCD

### AFR/EICS Display:

- 4.5" Bonded TFT LCD 16-bit color

### Communications:

- CAN J1939
- RS485 Modbus RTU slave
- USB (firmware upgrades)

### Connections:

- 90-way harness connector
- Tactile keypad

### Inputs:

- 8 digital inputs: Active high or low
- 5 analog inputs: 4-20mA
- 4 thermocouple inputs: Type J or K
- 1 frequency input: Magnetic pickup

### Outputs:

- 7 FET outputs: Sinking
- 2 analog outputs: 4-20mA

### Environmental:

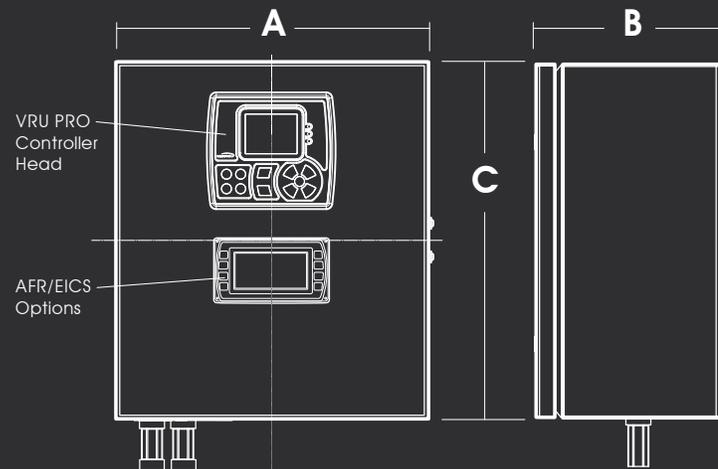
- Operating/storage temperature: -40° to +185°F (-40° to +85°C)
- IP67 front panel, (IP66 when accessory gasket used)

### Certifications:

- VRU PRO Controller, Class I, Div. 2

**Note:** Panel certification available upon request for additional fee.

## Panel Dimensions



VRU PRO	Std	AFR	EICS
A	20"	24"	24"
B	9"	9"	9"
C	20"	24"	24"

## Accessories/Spare Parts

## Part number

• VRU Pro Controller Head*	50703841
• VRU Pro Connecting Harness*	50001188
• VRU Pro Programming Harness*	40000566
• VRU Pro Panel Stands	contact us
• RS485 PC Interface Kit	53702325
• IPD66 Panel Gasket	40051031

\* Standard panel items available as serviceable replacement parts

Call for a quote: **281.633.4500** or email at: [css-solutions@fwmurphy.com](mailto:css-solutions@fwmurphy.com)

In order to bring you the highest quality, full-featured products, we reserve the right to change our specifications and designs at any time.

Specifications and performance data subject to change without notice. Certified specifications and performance data available upon request.



### FW MURPHY PRODUCTION CONTROLS

SALES, SERVICES & ACCOUNTING  
5417 S. 122ND E. AVE.  
TULSA, OK 74146

### CONTROL SYSTEMS & SERVICES

105 RANDON DYER ROAD  
ROSENBERG, TX 77471

MANUFACTURING  
5757 FARINON DRIVE  
SAN ANTONIO, TX 78249

### DOMESTIC SALES & SUPPORT

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