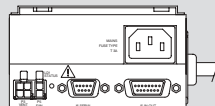


# Turbo-V 301 Navigator Controller

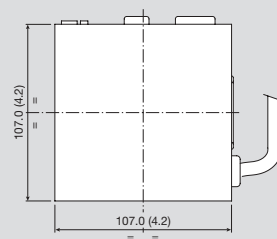
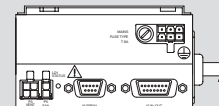


## Outline Drawings

120/220 V controller front panel



24 V controller front panel



Dimensions: millimeters (inches)

The Turbo-V 301 Navigator controllers are microprocessor-controlled frequency converters, fully controllable through PC software, with self-diagnostic and protection features that ensure the highest degree of reliability.

They can be mounted on board, either on the bottom or on the side of the pump, offering outstanding flexibility and simplicity.

### Technical Specifications

|                                   |  |
|-----------------------------------|--|
| Input voltages:                   |  |
| Navigator controller, 24 Vdc      | 24 Vdc $\pm$ 10%                           |
| Navigator controller, 120/220 Vac | 100/120/220/240 Volt,<br>1 phase, 50/60 Hz |
| Maximum input power:              |  |
| Navigator controller, 24 Vdc      | 200 W                                      |
| Navigator controller, 120/220 Vac | 300 VA                                     |
| Output voltage                    | 75 Vac, 3 phase                            |
| Output frequency                  | 963 Hz                                     |
| Nominal power                     | 150 W                                      |
| Start-up power                    | 150 W                                      |
| Operating temperature             | 0°C to +40°C                               |
| Storage temperature               | 20°C to +70°C                              |

### Ordering Information

| Description  | Weight<br>kg (lbs) | Part<br>Number |
|--|--------------------|----------------|
| <b>Controllers</b>   |                    |                |
| Turbo-V 301 Navigator controller,<br>24 Vdc  | 1.0 (2.2)          | 9698972        |
| <b>Turbo-V 301 Navigator controller,<br/>120/220 Vac</b>                                       | <b>1.0 (2.2)</b>   | <b>9698973</b> |
| <b>Accessories</b>   |                    |                |
| Mains cable NEMA plug, 3m long   | 0.5 (1.0)          | 9699958        |
| Mains cable European plug, 3m long   | 0.5 (1.0)          | 9699957        |
| Serial cable and T-plus Software<br><i>(previous release Navigator 2.2 included in the CD)</i> | 0.5 (1.0)          | 9699883        |
| Air cooling kit  | 1.0 (2.0)          | 9699296        |
| External "TMP Profibus gateway"  | 0.4 (0.8)          | 9699261        |