WATERAX

DUAL CONTROL PANELS

Dual Control Panels

The WATERAX Dual Control Panels feature a 2.8-inch color LCD display that delivers clear, real-time pump information. They provide integrated start/stop capability and precise throttle control, ensuring smooth and safe operation. With continuous monitoring and built-in protection, these panels enhance reliability in demanding environments.

Their design supports dual-panel configurations, making them ideal for pump-and-roll operations, and they are fully compatible with the DCP200R remote panel for seamless expansion.

Features and Benefits

- 2.8" color LCD display provides clear, real-time pump information for quick decision-making.
- Integrated start/stop and throttle control for smooth, intuitive pump operation.
- Continuous monitoring and built-in protection to safeguard pump performance in demanding conditions.
- Supports single or dual control panel configurations, ideal for pump-and-roll vehicle operations.
- Seamless compatibility with the DCP200R remote panel, enabling flexible cab / curbside control.
- Engine-specific integration, including:
    - Mechanically governed diesel engines.
    - Honda IGX EFI engines controlled directly via drive-by-wire, no actuator required.
- FastWire quick-connect harnessing for simplified installation and serviceability across vehicle-mount pump.

Options

- DCP200 Main Panel
- DCP200R Remote Panel

SPECIFICATIONS

Mechanical Data

Display	2.8" QVGA color display
Weight	0.55 lbs (0.45 kg)
Dimensions W X H X D	4" x 4" x 2" (10.6 cm x 10.6 cm x 5.08 cm)
Protection	IP67-rated
Operating Temperature	-20°C ~ 70°C (-4°F ~ 158°F)

Communications

CANbus	SAE J1939
USB	Yes

Electrical Data

Operating Voltage	6-36 VDC
Standby Current	60mA @ 12 VDC, 38mA @ 24 VDC
Surge & Dump Load	SAE J1113-11
Reverse Polarity	Yes

Inputs / Outputs

Inputs	• 3 analog inputs • 3 digital inputs
Outputs	• 3 switched outputs

Controls

Digital Control Panel

Push-button controls:
- **OFF** – Turns off the engine
- **Enter** – Cycles through display screen menus
- **Armed** – Enables the RUN function
- **Run** – Starts the engine
- **Rabbit / Turtle** – Increases or decreases throttle

LED indicator
- Turns red or amber when an error is detected

2.8-inch LCD screen displaying:
- RPM
- Throttle position
- Pump pressure
- Hour meter
- Battery voltage
- Current system status
- Coolant temperature

Integrated safety features
- Low water pressure protection
- Low oil warning

*Can seamlessly add a secondary panel (DCP200R) for remote/in-cab panel operation.

FastWire Quick Connect
- Loomed engine wire harness pre-wired to the engine.
- Standard on all vehicle-mounted pumps.
- Provides plug-and-play connectivity between the pump and control panels.
- Simplifies and speeds up installation and setup.

CONTROL PANELS

Digital Control Panel – DCP200

600639 – DCP200 MAIN DY10
600646 – DCP200 MAIN D902
600648 – DCP200 MAIN IGX800 EFI*
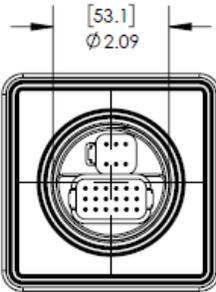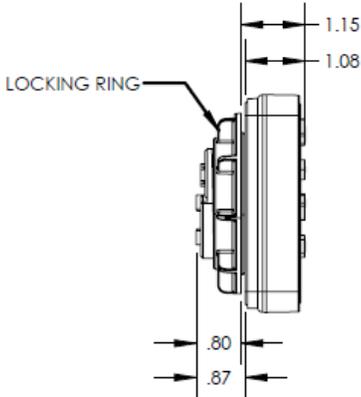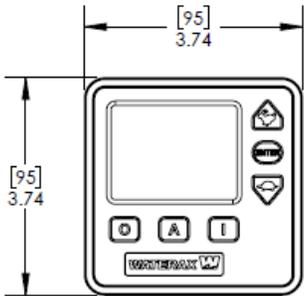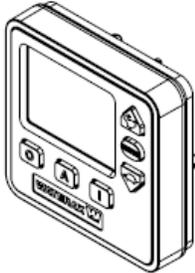
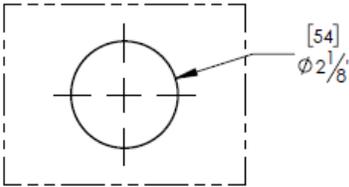## Digital Control Panel Remote – DCP200R*

600645 – DCP200R REMOTE DY10
600647 – DCP200R REMOTE D902
600649 – DCP200R REMOTE IGX800 EFI

*The Honda IGX800 EFI engine does not require the Throttle Linear Actuator (600641) to control the engine throttle.
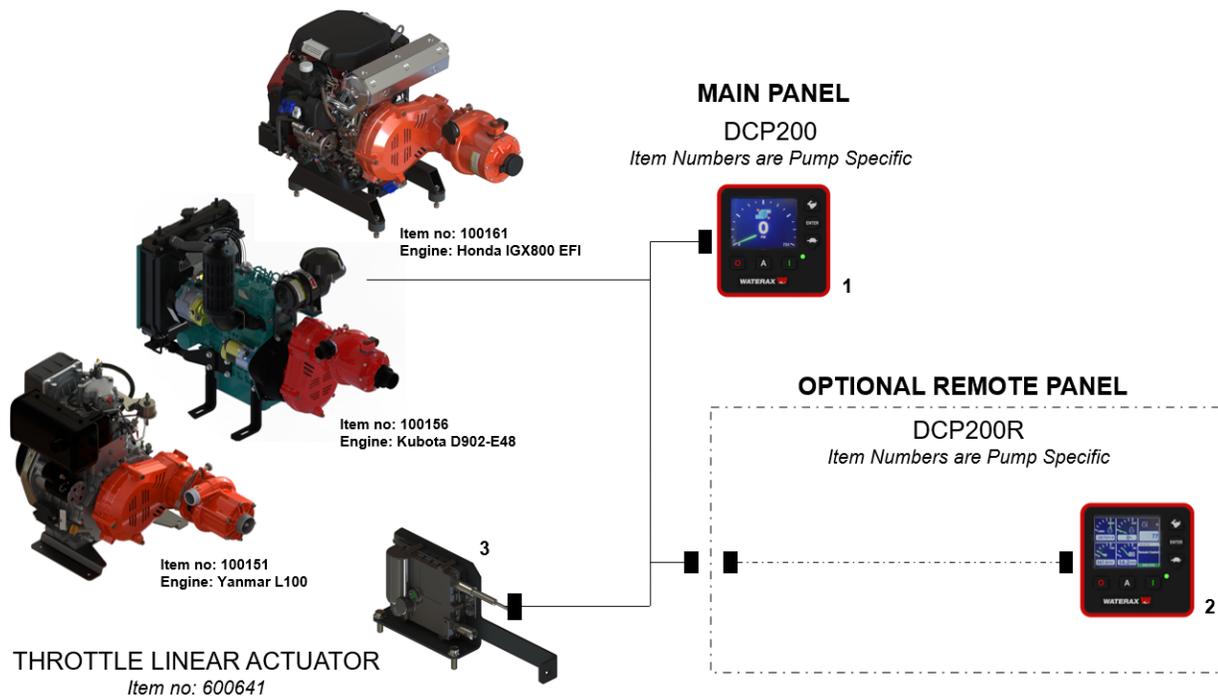*DCP200R: Comes with a connector kit for customer specific extension harness.

TECHNICAL DRAWINGS

REQUIRED PANEL CUT OUT:

[54]
Ø2⅛"

[95]
3.74

[95]
3.74

LOCKING RING

1.15
1.08

.80
.87

[53.1]
Ø2.09

SINGLE OR DUAL CONTROL PANEL CONFIGURATION

Item no: 100161
Engine: Honda IGX800 EFI

Item no: 100156
Engine: Kubota D902-E48

Item no: 100151
Engine: Yanmar L100

MAIN PANEL
DCP200
Item Numbers are Pump Specific

1

OPTIONAL REMOTE PANEL
DCP200R
Item Numbers are Pump Specific

2

3

THROTTLE LINEAR ACTUATOR
Item no: 600641

ID	ITEM NO	DESCRIPTION
1	600646	DIGITAL CONTROL PANEL - DCP200 MAIN D902
2	600647	DIGITAL CONTROL PANEL - DCP200R REMOTE D902
1	600648	DIGITAL CONTROL PANEL - DCP200 MAIN IGX800
2	600649	DIGITAL CONTROL PANEL - DCP200R REMOTE IGX800
1	600639	DIGITAL CONTROL PANEL - DCP200 MAIN DY10
2	600645	DIGITAL CONTROL PANEL - DCP200R REMOTE DY10
3	600641	THROTTLE LINEAR ACTUATOR FOR DCP

WATERAX

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To help you stay **#ReadyForWildfires**, we've made a few changes, placing 100% of our focus on manufacturing our core products, portable fire pumps. To do so, we've established a network of trusted supply and distribution partners that can help us provide *WATERAX* pumps quickly in addition to water-handling equipment and accessories.

For immediate assistance when it comes to pumps and water-handling accessories, please contact your local dealer.

For genuine spare parts, visit our online store.