DERAGGER®

MONITOR | PROTECT | CONTROL™

COMPANION
Panel

Turnkey Compact Anti-Ragging Panel

INDUSTRIAL FLOW SOLUTIONS™

MONITOR | PROTECT | CONTROL

DERAGGER® COMPANION PANEL

Companion panels offer a convenient, cost-effective, retrofit alternative to modifying existing control panels. Factory pre-wired and tested panels allow you to easily add deragging and/or monitoring capabilities to existing pump stations

- **Reduces lead time**, installation, and commissioning time

- Existing control panel requires **no modifications**

- **Compact design** with all required subcomponents for easy integration with existing control systems

- Back panel, field, and wiring drawings are readily available

INCORPORATES DERAGGER® TECHNOLOGY

- Compatible with most impeller and starter types

- **DERAGGER+™** modules provide **data logging** and SCADA compatibility

- Optional Advanced Keypads offer LTE connectivity for **Cloud capability** with full MS Azure certification and MQTT Sparkplug B support

- Local SCADA connectivity via Modbus TCP or RS485

- **Energy savings:** Increases in pump efficiency and associated decreases in runtime improve asset life span

Main Control Panel
paired with a **DERAGGER®** Companion Panel

Read more about the
DERAGGER® Product Series

PANEL COMPONENTS

Advanced Keypads
(Optional)

Outer Door

Application specific box materials available:
• Fiberglass
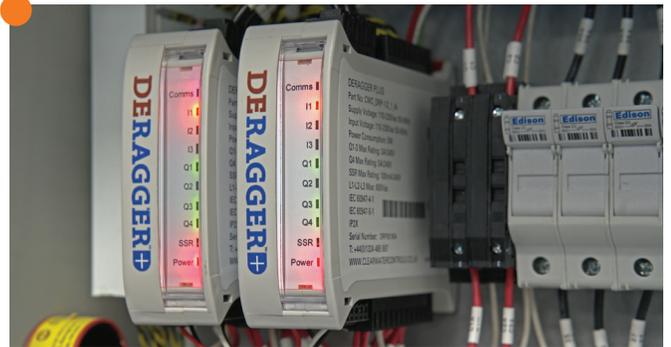• Stainless Steel

Stainless Steel Plate

Reversible Pump Contactors

Easy Installation

Use existing panel hookups to companion terminal blocks.

Installed in line with starter and pump.

Advanced Keypad

118 mm (4⁵/₈ in)

77 mm (3 in)

26 mm (1 in)

DERAGGER+™ Modules

115 mm (4⁵/₈ in)

110 mm (4¹/₄ in)

35 mm (1¹/₂ in)

Available Applications	DERAGGERLite™	DERAGGER+™
Odor Control & Wet Well Clean Timed operation of the pump to prevent stagnation and eliminate debris and/or FOG buildup		●
Condition Monitoring Uses historical averages to detect deviations and predict failure modes proactively		●
Derived Flow Calculates flow by pairing level input with known tank dimensions		●
Float Switch Backup Provides functionality of multiple floats with a single float and a timed operation		●
Anti-Ragging Uses Real Time Pump Protection™ to clear the first rag and prevent a clogged pump	●	●
Datalogger Stores up to 20 years of high-resolution data		●
Motor Protection Under, over, or imbalanced current	●	●
Dry Run Protection Triggers alarm or suspends pump at point of air entry		●

DERAGGERLite™
Anti-ragging device prevents pump clogs

DERAGGER+™
Real Time Pump Protection™

DERAGGERLite™ Duplex Companion Panel

SIZE (MAX HP)	VOLTAGE	PART NUMBER
7.5	208	DLC2-3BJ-AA-A0006
7.5	230	DLC2-3CJ-AA-A0006
7.5	480	DLC2-3DF-AA-A0006
15	230	DLC2-3CM-AA-A0006
15	480	DLC2-3DJ-AA-A0006
30	230	DLC2-3CR-AA-A0006
30	480	DLC2-3DM-DA-A0006

DERAGGER+™ Duplex Companion Panel

SIZE (MAX HP)	VOLTAGE	PART NUMBER
7.5	208	DSC2-3BJ-AA-A0006
7.5	230	DSC2-3CJ-AA-A0006
7.5	480	DSC2-3DF-AA-A0006
15	230	DSC2-3CM-AA-A0006
15	480	DSC2-3DJ-AA-A0006
30	230	DSC2-3CR-AA-A0006
30	480	DSC2-3DM-AA-A0006

Part numbers above for three-phase across the line applications.
For custom solutions please contact sales@flowsolutions.com or 860-631-3618

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