



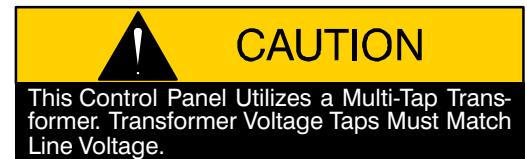
VFD Control Panels

For Use With Gorman-Rupp Pumps



TYPICAL CONTROL PANEL LAYOUT

For use with 5HP (4KW) To 125HP
(90KW) Gorman-Rupp Pumps



CONTROL PANEL SPECIFICATIONS

Physical Design:

- NEMA 3R steel enclosure with thermostatically controlled panel heater and ventilation fan.
- Thru-door indicating lights for Pump Run, VFD Fault, No Load
- HAND-OFF-AUTO 3-position selector switch
- HMCP Main Circuit breaker thru door with pad lockable latch
- Thru door Elapsed Time Meter
- Door Mounted keypad message center with lockable weather cover
- Weather Proof Convenience Receptacle

Technical Design Limits and Ratings:

- Variable Frequency Drive 230 thru 600 VAC input
- Operating temperature rating -10° to 50°C (14°F to 122°F)
- UL and cUL listed
- Logic in VFD for Remote start/stop and panel connectors for inputs
 - Two float inputs (start and stop preset speeds)
 - Transducer inputs (level and pressure)
- Dry contact field connections for monitoring Drive Run, Drive Faulted, No Flow/Load
- Torque and power out-of-range alarm dry contact
- Fans and exhaust filters covered w/ protective hoods

Optional Features:

- 3-phase power connector: Meltric spring loaded butt contacts
- Float / Transducer Connection: Connectors mounted on side of Control Box



GORMAN-RUPP PUMPS

www.grpumps.com

Specifications Subject to Change Without Notice

Printed in U.S.A.

Specification Data

SECTION 10, PAGE 1700.1

APPROXIMATE
DIMENSIONS and WEIGHTS

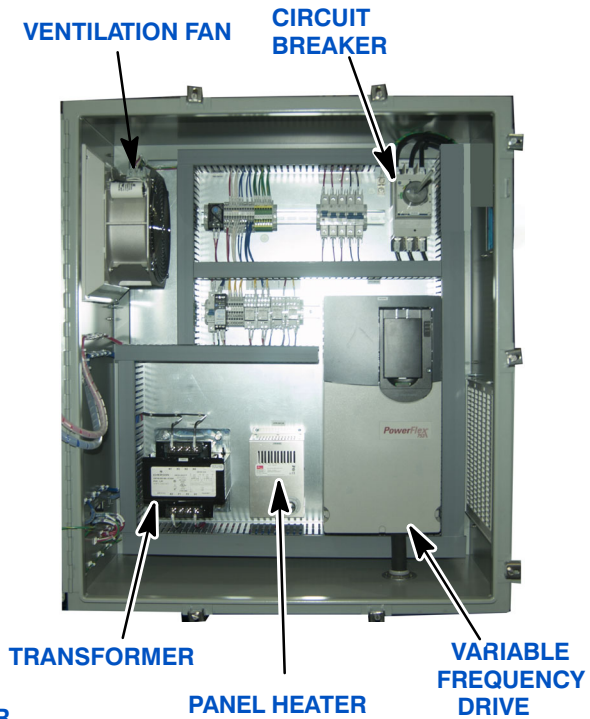
SHIPPING WEIGHT:
CONTAINER SIZE(S):

See Chart Below
14.3 – 27.1 CU. FT.
(.41 – .77 CU. M.)

OUTSIDE OF DOOR SHOWN



INSIDE OF PANEL SHOWN

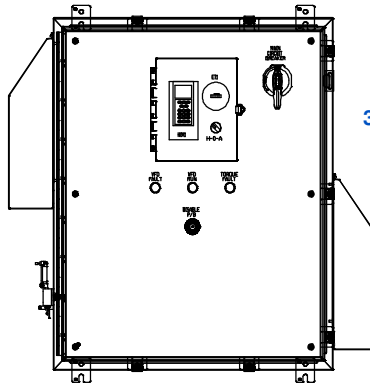
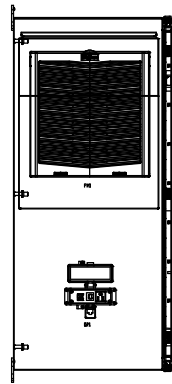


VENTILATION LOUVER

TRANSFORMER

PANEL HEATER

VARIABLE
FREQUENCY
DRIVE



36" X 38" PANEL SHOWN

* Consult Factory for Voltages Not Shown

HP*	KW	Amp Ratings (A)	Volts 3PH*	Hz	Dimension (in)	Weight (lbs/Kg)
5–20	4–15	15–54	240 3P	50/60	36H x 38W x 16D	275 / 125
25–30	18.5–22	70–80	240 3P	50/60	48H x 44W x 16D	370 / 168
40–50	30–37	104–130	240 3P	50/60	60H x 44W x 16D	495 / 225
5–50	4–37	8–65	480 3P	50/60	36H x 38W x 16D	275 / 125
60–75	45–55	77–96	480 3P	50/60	48H x 44W x 16D	370 / 168
100–125	75–90	125–156	480 3P	50/60	60H x 44W x 16D	495 / 225
30	24	32	600 3P	50/60	36H x 38W x 16D	275 / 125
50	37.5	52	600 3P	50/60	48H x 44W x 16D	370 / 168
100–125	90–94	99–125	600 3P	50/60	60H x 44W x 16D	495 / 225



GORMAN-RUPP PUMPS

www.grpumps.com

Specifications Subject to Change Without Notice

Printed in U.S.A.