

The FRENIC-EcoPUMP Type 3R packaged AC Drive offering provides a solution designed for outdoor pumping applications. With specific pump application features like PID control with sleep mode & boost, broken pipe detection, pipe fill mode, submersible pump start control, transducer feedback signal loss detection and more, the FRENIC-EcoPUMP allows for easy installation and commissioning. Additional benefits include less peripheral equipment required, easy maintenance, energy savings, improved process control and reduced mechanical stress on the pumping system.

■ Product Features

- UL Type 3R Listed
- Broad range of power ratings:
 - 230V: 5 – 125Hp
 - 460V: 5 – 600Hp
- White powder coat reflective paint to reduce solar heat gain within the enclosure
- Thermostat controlled cooling fans
- Input circuit breaker, including a pad lockable, through the door operator handle that is interlocked with the enclosure door
- Service entrance rated and labeled
- Dual rated and labeled for 1 phase or 3 phase input power
- Door mounted drive keypad with protective hinged cover
- Modbus RTU communications
- Easy access to washable ventilation filters
- Optional thermostat controlled enclosure space heater
- Optional high ambient additional cooling
- Optional floor-stand kits for wall-mount style enclosures
- Additional engineered to order ratings (460V: 700 – 900Hp) or features are available by contacting your local Fuji Electric Sales Representative.



Technical Information

Hp	Figure	Dimensions (inches)			Est. Weight
		Height	Width	Depth	(lbs)
230V					
5	A	35.00	24.15	18.08	214
7.5	A	41.00	24.15	18.08	366
10	A	41.00	24.15	18.08	446
15	A	47.00	24.15	20.08	610
20	A	47.00	27.39	20.08	872
25	A	55.00	36.19	22.01	920
30	A	55.00	36.19	22.01	1169
40	A	67.00	36.19	22.01	1549
50	A	67.00	36.19	22.01	1466
60	A	67.00	36.19	22.01	1793
75	B	91.06	40.39	39.54	2100
100	B	91.06	40.39	39.54	2701
125	B	91.06	60.06	45.54	3898
460V					
5	A	35.00	24.15	18.08	187
7.5	A	35.00	24.15	18.08	191
10	A	41.00	24.15	18.08	364
15	A	41.00	24.15	18.08	398
20	A	41.00	24.15	18.08	521
25	A	47.00	24.15	20.08	609
30	A	47.00	24.15	20.08	652
40	A	47.00	27.39	20.08	1077
50	A	55.00	36.19	22.01	1303
60	A	55.00	36.19	22.01	1472
75	A	67.00	36.19	22.01	1538
100	A	67.00	36.19	22.01	1757
125	B	91.06	40.39	39.54	2195
150	B	91.06	40.39	39.54	2521
200	B	91.06	52.39	41.54	3132
250	B	91.06	52.39	41.54	3952
300	B	91.06	52.39	41.54	4624
350	B	91.06	52.39	41.54	5417
400	B	91.06	60.06	45.54	6025
450	B	91.06	60.06	45.54	6581
500	B	91.06	60.06	45.54	7986
600	B	91.06	60.06	45.54	9096

Note: Dimensions listed above are based on standard ambient temperature design.

General Specifications:

Environmental

Enclosure	UL/NEMA Type 3R (Suitable for Outdoor Use)
Ambient Temperature (Standard)	+14° to +104° F (-10° to +40° C)
Ambient Temperature (Optional)	+5° to +113° F (-15° to +45° C)
Storage Temperature	+5° to +140° F (-15° to +60° C)
Humidity	5% to 95% with no condensation
Altitude	0 to 3,300 ft. (1000 m) without derating, derate output current by 1% for each additional 330 ft. (100 m)

Figure A

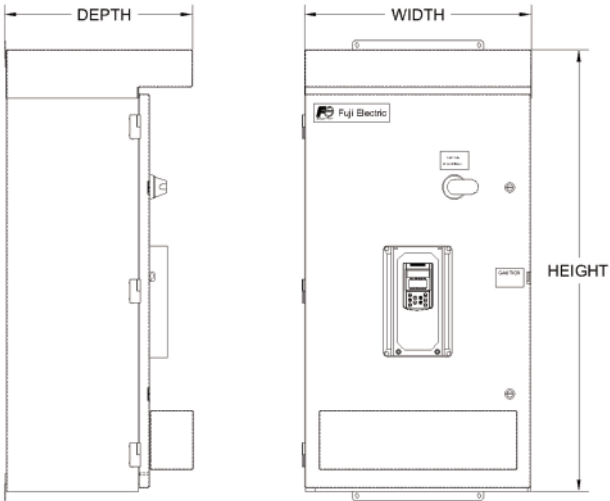
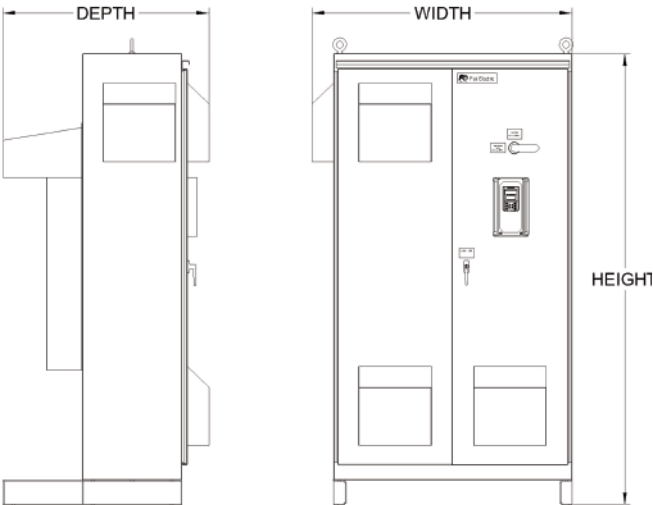


Figure B



Information subject to change without notice