



FRENIC-Eco Outdoor Package for Pumps

The FRENIC-Eco Type 3R packaged AC drive provides a configurable solution for outdoor pumping applications. With features like; PID control with sleep mode, PID cancel for local operation, overload prevention control and more, the FRENIC-Eco outdoor rated packaged drive offers ease of 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
- 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 input circuit breaker including a pad lockable through the door operator handle that is interlocked with the enclosure door, allowing the packaged unit to be service entrance rated and labeled
- Optional thermostat controlled enclosure space heater
- Optional high ambient additional cooling
- Optional floor-stand kits for wall-mount style enclosures
- Additional engineered to order features are available by contacting engineering@ac-dc-hotline.com



FECA-DS-1xx

Technical Information

Hp	Figure	Dimensions (inches)			Est. Weight (lbs)
		Height	Width	Depth	
230V					
5	A	35.00	24.15	18.08	187
7.5	A	41.00	24.15	18.08	231
10	A	41.00	24.15	18.08	231
15	A	47.00	24.15	20.08	234
20	A	47.00	27.39	20.08	266
25	A	55.00	36.19	22.01	292
30	A	55.00	36.19	22.01	310
40	A	67.00	36.19	22.01	394
50	A	67.00	36.19	22.01	438
60	A	67.00	36.19	22.01	440
75	B	91.06	40.39	39.54	1019
100	B	91.06	40.39	39.54	1019
125	B	91.06	60.06	45.54	1835
460V					
5	A	35.00	24.15	18.08	184
7.5	A	35.00	24.15	18.08	187
10	A	41.00	24.15	18.08	231
15	A	41.00	24.15	18.08	229
20	A	41.00	24.15	18.08	234
25	A	47.00	24.15	20.08	250
30	A	47.00	24.15	20.08	250
40	A	47.00	27.39	20.08	275
50	A	55.00	36.19	22.01	340
60	A	55.00	36.19	22.01	341
75	A	67.00	36.19	22.01	422
100	A	67.00	36.19	22.01	426
125	B	91.06	40.39	39.54	1031
150	B	91.06	40.39	39.54	1048
200	B	91.06	52.39	41.54	1464
250	B	91.06	52.39	41.54	1565
300	B	91.06	52.39	41.54	1565
350	B	91.06	52.39	41.54	1593
400	B	91.06	60.06	45.54	2006
450	B	91.06	60.06	45.54	2006
500	B	91.06	60.06	45.54	2230
600	B	91.06	60.06	45.54	2239

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

Figure A

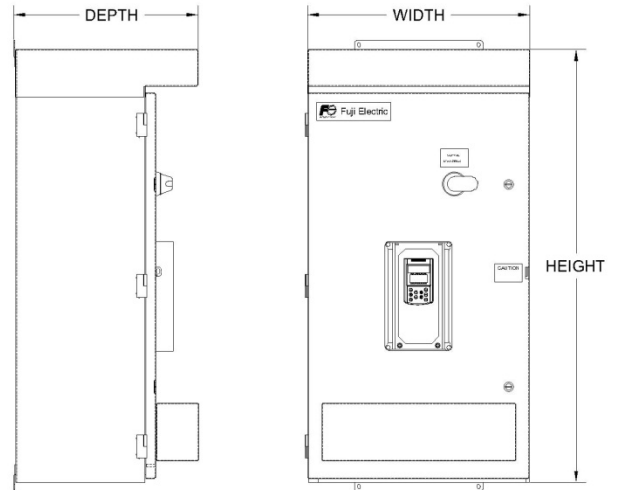
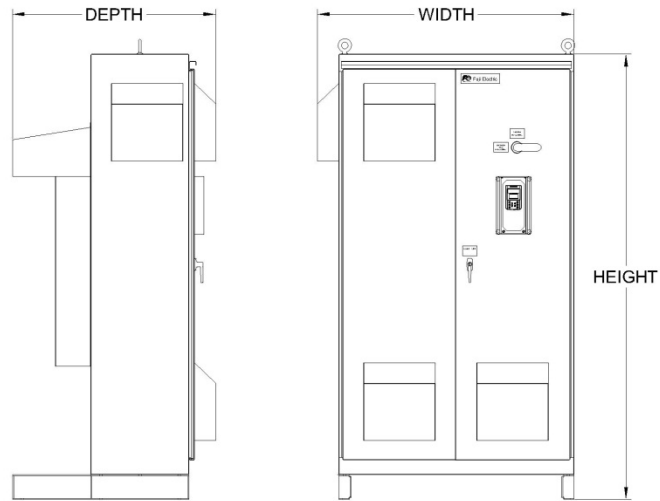


Figure B



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. (1,000 m) without derating, derate output current by 1% for each additional 330 ft (100 m)

Information subject to change without notice