

FL-5

30 to 50 LITRES PER MINUTE



FL-5 pumps are for pumping Adblue and other liquids from the urea manufacturing process. They are diaphragm pumps, with by-pass valves and integral on/off switches. They are for intermittent use, with a duty cycle of 20 minutes. 12 volt and 24 volt pumps are supplied with crocodile clips. Pump inlets and outlets are 1" FBSP, but 1" to 25mm and 1" to 20mm hose barbs are included for use with flexible hose. Supplied as "pump only", optional extras to create a pumping kit include manual nozzles*, discharge hose, suction hose (with a foot valve) and flowmeter. They **MUST NOT** pump petrol, high viscosity liquids, chemicals, solvents or products with a low flash point.

* Some vehicles will not accept this size of nozzle (please check with our sales department for guidance)

Operating conditions: Intermittent duty | Max. ambient temperature: 40°C | Max. suction lift: 3 mtrs

Fluid: Adblue | Urea | Temperature: 0-60°C

Application: Plant & transport | Agriculture | Vehicle fleets | Decanting

| | | | |
|------|-----------|--------|---------|
| FL-5 | Type | Liquid | Power |
| | Diaphragm | Adblue | AC & DC |

| | | | | |
|------|------------------------|--|----------------------|-------------|
| Pump | Pump body | Pump cover | Inlet/outlet spigots | Check valve |
| | Polyamide 66 | Polyamide 66 | Polyamide 66 | Viton |
| | Diaphragm | Included fittings | | |
| | Polyphenylene vinylene | Hose tails, 1"-20mm x 2 + 1" to 25mm x 2 | | |

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|-------|-----------|------------|-----------------------------|------------------------|
| Motor | Enclosure | Insulation | Power cable (12-24V) | Power cable (110-230V) |
| | IP55 | Class E | PVC x 1 mtr + battery clips | Rubber x 1 mtr |



FL-5 Pump only



FL-5 Pump c/w optional frame, hoses & nozzle



FL-5 Pump c/w optional hoses & nozzle



Flow meter

| item code | model | inlet (FBSP) | outlet (FBSP) | kW | amps | volt | flow (ltr/min) | head (mtrs) | w x l x h (mm) | dry weight (kgs) |
|------------|---|--------------|---------------|-----|------|------|----------------|-------------|----------------|------------------|
| 12-25-1019 | FL-530 | 1" | 1" | 0.4 | 10 | 12 | 30 | 30 | 155x324x190 | 5.5 |
| 12-25-1020 | FL-540 | 1" | 1" | 0.4 | 5.5 | 24 | 40 | 30 | 155x324x190 | 5.5 |
| 12-25-1021 | FL-550A | 1" | 1" | 0.4 | 3 | 110 | 50 | 30 | 155x324x190 | 6.5 |
| 12-25-1022 | FL-550A | 1" | 1" | 0.4 | 2 | 230 | 50 | 30 | 155x324x190 | 6.5 |
| 12-85-1067 | Full protection frame (FR001) | | | | | | | | 260x370x290 | 3.2 |
| 12-85-1062 | Plastic nozzle, manual, 1" MBSP & 19mm hose connections | | | | | | | | | |
| 12-85-1051 | Aluminium nozzle, manual, 1" FBSP connector | | | | | | | | | |
| 12-85-1064 | Fuel meter 1" FBSP inlet & outlet | | | | | | | | | |
| 12-85-1065 | Inlet hose c/w footvalve, 1" MBSP connector (25mm diameter x 2 metres long) | | | | | | | | | |
| 12-85-1066 | Discharge hose c/w 1" MBSP connectors (20mm diameter x 4 metres long), | | | | | | | | | |