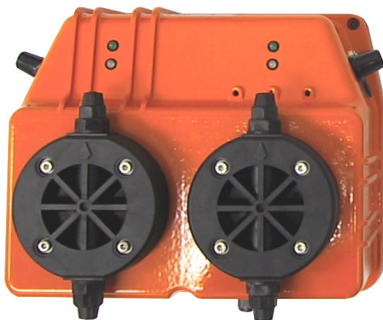




DL-MA



DL-2MA

INNOVATIVE WALL-MOUNTED PUMPS

- Wall-mounted solenoid-driven diaphragm metering pumps for heavy-duty applications.
- Pump housings are aluminium protected by double coats of epoxy paint, with option for Teflon coating.
- Innovative features such as twin-scale flow control knobs, combined pump and controller, two pumps in one casing (selected models only).
- Approximate weights of 4.2 to 5.9 kg.
- 162-167 mm (depth), 236 mm (width) x 194 mm (height).
- IP65 enclosure (except DL-2MA models).
- Manufactured in accordance with **CE** regulations.

| TYPES | DL-MA | <ul style="list-style-type: none"> ■ Flow rate adjusted manually by twin-scale stroke rate knob (0-20% / 0-100%). |
|-------|--------|--|
| | DL-2MA | <ul style="list-style-type: none"> ■ Units with two totally independent pumpheads (manual flow control). ■ More economical and compact than two separate, equal pumps. |
| | DL-F | <ul style="list-style-type: none"> ■ Flow rate adjusted manually by stroke rate knob, or ■ Flow controlled by a contact water meter (1 water meter pulse = 1 pump pulse). |
| | DL-PM | <ul style="list-style-type: none"> ■ Flow rate adjusted manually by twin-scale stroke rate knob (0-20% / 0-100%), or ■ Flow rate controlled by a 0.1, 1, 2 or 4 l/pulse contact water meter (X water meter pulses = pump activation to achieve a specified system p.p.m.). |

| MODELS | Model | l/hr | bar | Type | | | |
|--------|--------|------|-----|-------|---------------------------|------|-------|
| | | | | DL-MA | DL-2MA | DL-F | DL-PM |
| | 0.25-6 | 0.25 | 6 | ✓ | | | |
| | 1-10 | 1 | 10 | ✓ | ✓ | ✓ | ✓ |
| | 2-10 | 2 | 10 | ✓ | ✓ | | |
| | 2-20 | 2 | 20 | ✓ | ✓ | | |
| | 5-10 | 5 | 10 | ✓ | ✓ | ✓ | ✓ |
| | 10-5 | 10 | 5 | ✓ | ✓ | ✓ | ✓ |
| | 10-10 | 10 | 10 | ✓ | ✓ | ✓ | ✓ |
| | 15-5 | 15 | 5 | ✓ | | | |
| | 20-5 | 20 | 5 | ✓ | ✓ | ✓ | ✓ |
| | 30-4 | 30 | 4 | ✓ | Choose any two pumpheads. | | |
| | 50-0.3 | 50 | 0.3 | ✓ | | ✓ | |
| | 50-2 | 50 | 2 | ✓ | | | |
| | 80-1 | 80 | 1 | ✓ | | | |

(Full model numbers are designated in the form of "TYPE MODEL" – eg. "DL-MA 5-10")

| FEATURES | STANDARD | | OPTIONS |
|---------------------------------------|---|------------------|---|
| | Electricals | 230V/50-60Hz/1ph | 110V, 240V. |
| Casing (non-wetted) | Epoxy painted aluminium. | | - |
| Pumphead assembly | PVC (30 l/hr & above, or 20 bar models), PP (all others). | | PVC, full PTFE, SS316. |
| Check valves | Pyrex ball type (50 l/hr & above), Viton lip type (all others). | | Lip types: EPDM, NBR, Silicon. Ball types: SS316, glass Pyrex. |
| Diaphragm | Entirely PTFE | | - |
| Seals | Viton | | EPDM, NBR, Silicon, PTFE. |
| Suction / discharge tube (2m) | PVC / PE. (PVC only for 30 l/hr and above). | | - |
| Filter (footvalve) & injection valve. | 1/2" PVC (30 l/hr and above), 3/8" (all others). | | - |
| Auto air bleed | - | | PVC pumpheads only. |
| Stroke length adjustment | - | | Yes. |
| Tank low level sensor | - | | Function and probe ordered separately. |