



Application

- It is suitable for boosting hot water powered by solar energy for sauna and bathing and solves insufficient water pressure in high-rise buildings.
- It can also supply water (less than 100) to two families.

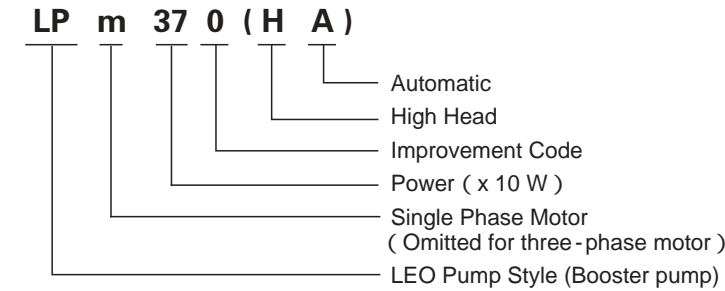
Pump

- Cast iron pump body and support under special anti-rust treatment
- AISI 304 shaft
- Liquid temperature: 2°C - 100°C

Motor

- Insulation class: F
- Protection class: IP44

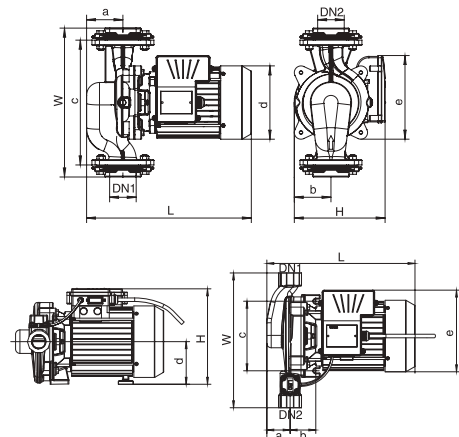
Identification Codes



Technical Data

| Model | Power kW | Q(m³/h) Q(l/min) | H (m) | | | | | | | | | | | | | | | |
|--------|-------------|---------------------|-------|-----|------|-----|-----|-----|------|------|------|------|-----|------|-----|------|---|---|
| | | | 0 | 1.5 | 3 | 4.5 | 6 | 7.5 | 9 | 10.5 | 12 | 13.5 | 15 | 16.5 | 18 | 19.5 | | |
| LPm125 | 0.125 | 0 | 5.5 | 5 | 4.8 | 3.8 | 3 | 1.7 | - | - | - | - | - | - | - | - | - | - |
| LPm250 | 0.25 | 0 | 5.5 | 5.2 | 5.1 | 4.9 | 4.6 | 4.2 | 3.5 | 2.8 | 2 | - | - | - | - | - | - | - |
| LPm370 | 0.37 | 0 | 8 | 7.9 | 7.8 | 7.5 | 7.2 | 6.7 | 6.2 | 5.6 | 4.8 | 4 | 3.3 | 2.3 | - | - | - | - |
| LPm550 | 0.55 | 0 | 19 | 19 | 18.9 | 18 | 17 | 16 | 14.9 | 13.7 | 12.4 | 11.2 | 9.8 | 8.5 | 6.6 | 4 | - | - |

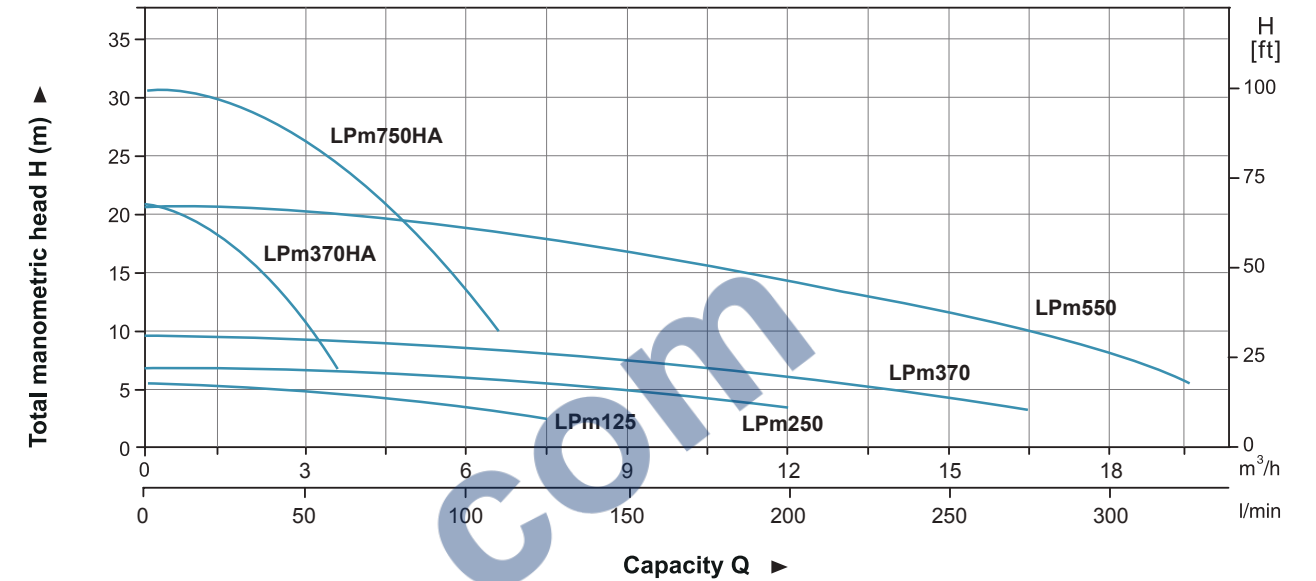
| Model | Power kW | Q(m³/h) Q(l/min) | H (m) | | | | | | | | | | | | | | | |
|----------|-------------|---------------------|-------|------|------|------|------|------|------|-----|-----|------|------|-----|---|---|---|---|
| | | | 0 | 0.6 | 1.2 | 1.8 | 2.4 | 3.0 | 3.6 | 4.2 | 4.8 | 5.4 | 6.0 | 6.6 | | | | |
| LPm370HA | 0.37 | 0 | 21 | 20.6 | 18.5 | 16 | 13.4 | 10 | 5.5 | - | - | - | - | - | - | - | - | - |
| LPm750HA | 0.75 | 0 | 30.8 | 30.7 | 30 | 29.5 | 28.3 | 26.3 | 24.4 | 22 | 19 | 16.2 | 13.2 | 9.4 | - | - | - | - |



Dimension

| Model | DN1 | DN2 | L (mm) | W (mm) | H (mm) | a (mm) | b (mm) | c (mm) | d (mm) | e (mm) |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| LPm125 | 1 1/2" | 1 1/2" | 275 | 260 | 186 | 47 | 74 | 210 | 141 | 160 |
| LPm250 | 2" | 2" | 301 | 313 | 190 | 71 | 78 | 260 | 141 | 164 |
| LPm370 | 2 1/2" | 2 1/2" | 367 | 334 | 195 | 77 | 84 | 280 | 141 | 173 |
| LPm550 | 2" | 2" | 369 | 344 | 210 | 81 | 87 | 280 | 165 | 182 |
| LPm370HA | 1" | 1" | 295 | 270 | 209 | 43 | 60 | 124 | 95 | 141 |
| LPm750HA | 1" | 1" | 341 | 310 | 220 | 54 | 59 | 160 | 98 | 165 |

Hydraulic Performance Curves



Materials Table

LPm125/LPm250/LPm370/LPm550

| No. | Part | Material |
|-----|--------------------|----------------|
| 1 | Flange | HT200 |
| 2 | Pump body | HT200 |
| 3 | Flange gasket | |
| 4 | Impeller | PPO |
| 5 | Mechanical seal | Carbon/Ceramic |
| 6 | O ring | |
| 7 | Support | HT200 |
| 8 | Bearing | |
| 9 | Rotor | |
| 10 | Stator | |
| 11 | Terminal box | ABS |
| 12 | Capacitor | |
| 13 | Terminal box cover | |
| 14 | Rear cover | ZL102 |
| 15 | Fan | PP |
| 16 | Fan cover | 08F |

LPm370HA/LPm750HA

| No. | Part | Material |
|-----|------------------------|----------------|
| 1 | Pump body | HT200 |
| 2 | Impeller | PPO |
| 3 | O ring | |
| 4 | Support | HT200 |
| 5 | Bearing | |
| 6 | Rotor | |
| 7 | Mechanical seal | Carbon/Ceramic |
| 8 | Control switch | |
| 9 | Stator | |
| 10 | Terminal box Capacitor | ABS |
| 11 | Terminal box cover | |
| 12 | Rear cover | |
| 13 | Fan | ZL102 |
| 14 | Fan cover | PP |
| 15 | Fan | 08F |
| 16 | Fan cover | 08F |

