

SUBMERSIBLE PUMPS

De-watering and Drainage, Sewage, Industrial and Agriculture. We have submersible pumps for every application.



Email: info@dmlwallace.co.nz Web: www.dmlwallace.co.nz

Auckland:
55 Maurice Road
Penrose
Tel 09 622 9100
Fax 09 622 9119

Wellington:
Tel 04 567 8125
Fax 04 567 8125

Christchurch:
Unit B, 206 Hazeldean Road
Addington
Tel 03 365 6453
Fax 03 366 6995



Submersible motor pumps, traditionally used for de-watering and drainage, are now also found in industrial and agricultural service. These applications require adaptations to new service conditions. Design, motor explosion protection, motor cooling system as well as monitoring vital serviceable parts of the motor.

In this brochure you will find pump performance comparisons with different impeller configurations, materials of construction and information on what are considered suitable applications.

PEACE OF MIND:

Wallace Pumps gives a 1 year on-site parts and labour warranty on all of our Submersible pumps. Wallace Pumps have been supplying pumps to New Zealand for over 130 years.

Doesn't that speak for itself?



CUSTOMISED APPLICATIONS

PRE-ASSEMBLED SIMPLEX GRINDER PACKAGE 600mm x 1200mm 2 hp

For residential and commercial applications, the 2448LSG is a complete factory assembled simplex grinder package featuring the LSG200-Series 2 hp Omnivore® grinder pump. All internal brackets, floats, guide-rail base and discharge piping is pre-installed at the factory saving hours of labor at the job site.

FEATURES

- Factory assembled simplex grinder package with 600 x 1200mm fiberglass basin and Omnivore® Grinder Pump
- 2 hp grinder pump available in various voltages Anit-flotation collar
- Solid, heavy-duty fiberglass cover (optional black steel, solid)
- GR20 guide rail assembly
- Galvanized guide rail piping (stainless optional)
- All internal piping and brackets pre-mounted



SUBMERSIBLE PUMPS W-100/1 W-370/1

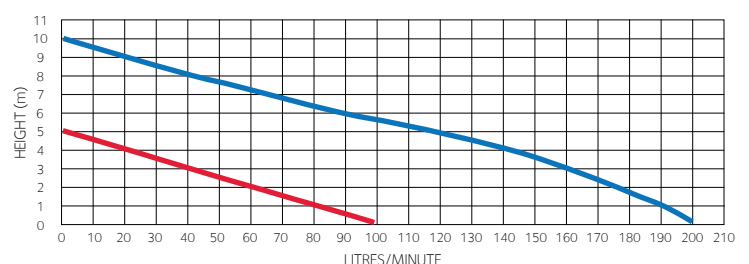
Multi-purpose pumps, suitable for pumping clean/seepage water without any solids or stringy materials.

FEATURES

- Synthetic body light-weight design for intermittent duty
- Built-in magnetic float switch
- Unique epoxy cable sealing base
- Built-in motor protection



PUMP PERFORMANCE: — W-370 — W-100



SUBMERSIBLE PUMP JX-180

Suitable for storm water, treated filtered effluent or drainage water, de-watering cellars, garages, pools, ditches and pits. **NOT SUITABLE** for sewage and waste water with solids.

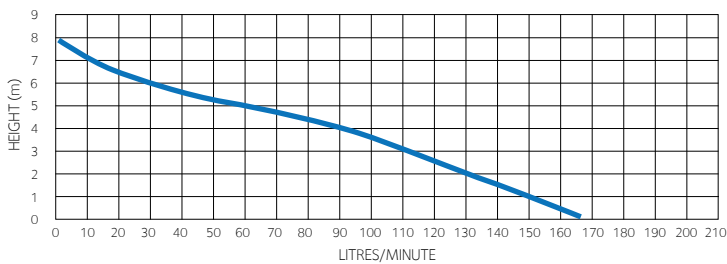
FEATURES

- Stainless steel and cast iron construction
- Built-in overload protection
- Potted leads sealed with epoxy resin
- Automatic level control

1
YEAR
ON-SITE
WARRANTY



PUMP PERFORMANCE: — JX-180



SUBMERSIBLE PUMP JX-400S

Suitable for carrying waste water and effluent. **NOT SUITABLE** for human waste only dairy and sheep effluent.

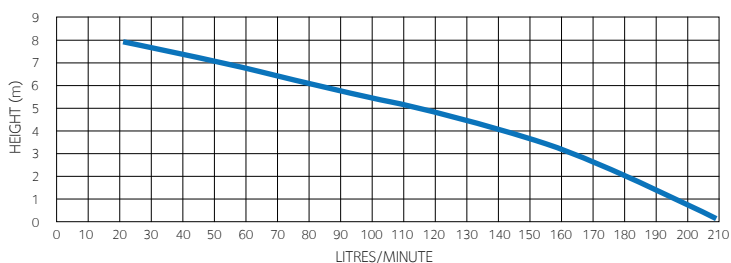
FEATURES

- Stainless steel motor housing suction cover and screws
- Potted leads sealed with epoxy resin
- Built-in overload protection
- Genuine non-clogging impeller based on the vortex design
- Corrosion resistant cover and pump housing
- Fully automatic level control

1
YEAR
ON-SITE
WARRANTY



PUMP PERFORMANCE: — JX-400S



SUBMERSIBLE PUMP W-400

Suitable for storm water, treated filtered effluent or drainage water only. NOT SUITABLE for sewage and waste water with solids.

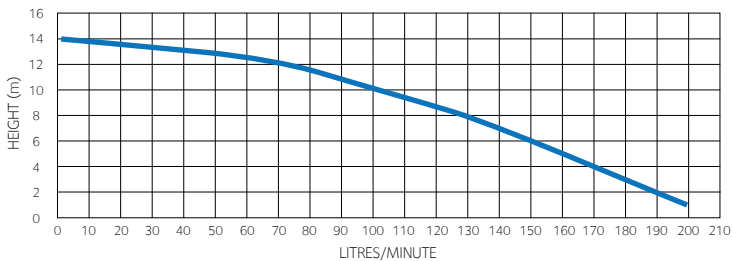
FEATURES

- Special Open Impeller design suitable for pumping treated effluent and drainage water with soft solids up to 4-5mm
- Stainless steel construction
- High shut off head of 14 metres
- Unique cable sealing protects from water entering motor
- Built-in float switch for automatic liquid level operation

1
YEAR
ON-SITE
WARRANTY



PUMP PERFORMANCE: — W-400



SUBMERSIBLE PUMP AQUADRAIN AD32-750

Suitable for pumping clear water, treated filtered effluent only. NOT SUITABLE for sewage and waste water with solids.

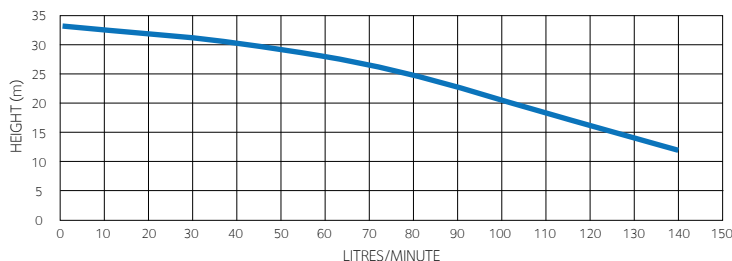
FEATURES

- Cast iron construction
- Unique Reversed Impeller design, ensuring Mechanical Seal is never subjected to high pressure from pump
- High shut off head of 33 metres
- Unique cable sealing protects from water entering motor
- Built-in float switch for automatic liquid level operation

1
YEAR
ON-SITE
WARRANTY



PUMP PERFORMANCE: — AQUADRAIN AD32-750



HOMA SUBMERSIBLE SEWAGE PUMPS

GRP 26WA
 GRP 26DA (3 PH)
 GRP 36DA (3 PH)
 GRP16BDA/BWA

1
 YEAR
 ON-SITE
 WARRANTY

**GERMAN
 QUALITY &
 PRECISION**

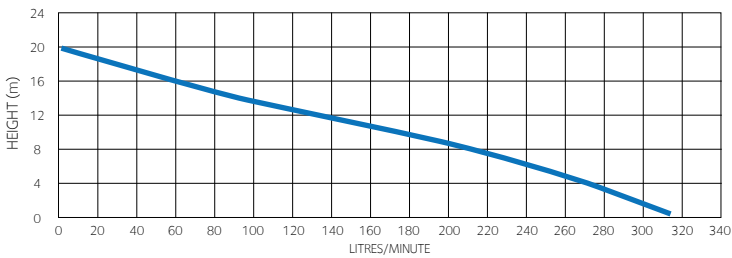
Suitable for pumping sewage and effluent from conventional sewer systems of low population. Also suitable for leachate applications.

FEATURES

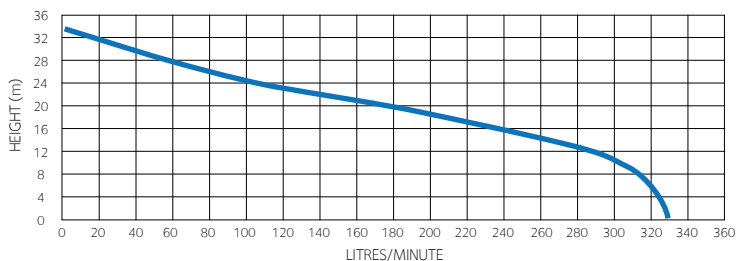
- Single stage centrifugal pump with horizontal discharge
- Open multi-channel impeller
- Cutter system at pump inlet consisting of stationary cutter ring and blade rotor
- Pressure tight electric motor single or three phase
- Large diameter stainless steel rotor shaft
- Heavy duty pre-lubricated bearings
- Combination of mechanical seal and lip seal in oil chamber
- All GRP models available with explosion proof motors
- GRP pumps come with separate float switch and control panel



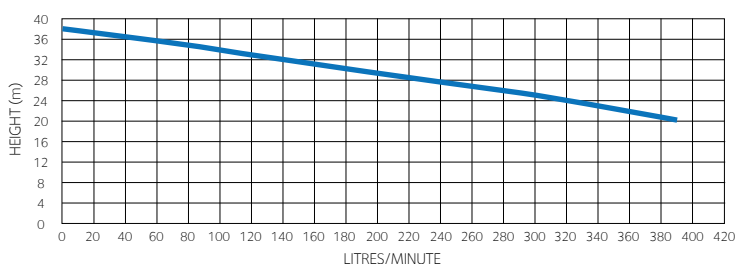
PUMP PERFORMANCE: — GRP 16BDA/BWA



PUMP PERFORMANCE: — GRP 26WA / GRP 26DA



PUMP PERFORMANCE: — GRP 36DA



GRP26WA / DA



GRP 16BDA/BWA

GRP36DA

SUBMERSIBLE SEWAGE PUMPS

W-750 SV

W-750 SK

W-1500 SK

WT-1500 SK (3 PH)

W-1500SV

Suitable for domestic sewage and wastewater containing human faeces and water soluble toilet paper only. NOT SUITABLE when liquid contains hard solids i.e. sand, stones, gravel, wood, stringy material like clothes, plastic bags, sanitary pads, nappies or tough non water soluble papers like wet wipes, cardboard or rubber etc...



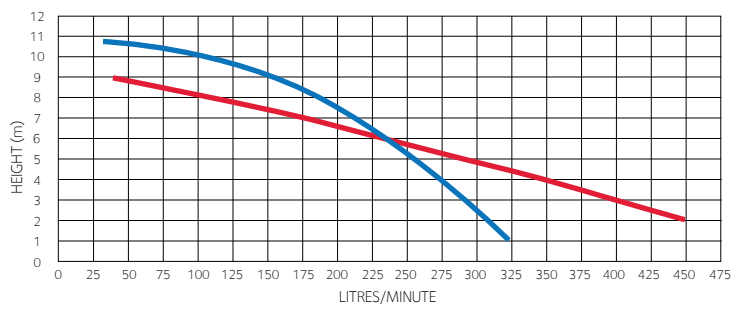
FEATURES

- Stainless steel construction
- W-1500SK and W-750SK come with advanced shredding/grinding mechanism
- W-1500SV and W-750SV feature an advanced Vortex impeller design
- W-1500SK and W-750SK come with a fixed suction cover under the impeller. Specifically designed edges and grooves work in combination with rotating impeller shreds to grind material down to soft sewage particles for easy pumping without any blockage.
- Triplex sealing Double Mechanical Seal in oil bath plus an oil seal arrangement for protection of motor
- Heavy duty upper and lower ball bearings ensure smooth operation and supports axial load/thrust
- W-750 SK and W-750 SV pump come with built-in float switch for automatic liquid level operation
- W-1500 SK / WT-1500 SK pumps are supplied with separate float and control panel having built-in motor protection and high level alarm facility. Refer to back page of brochure for Computerised Control Panel details.
- All pumps come with standard base mounting. Auto coupling option available for W-750 SK and W-750 SV



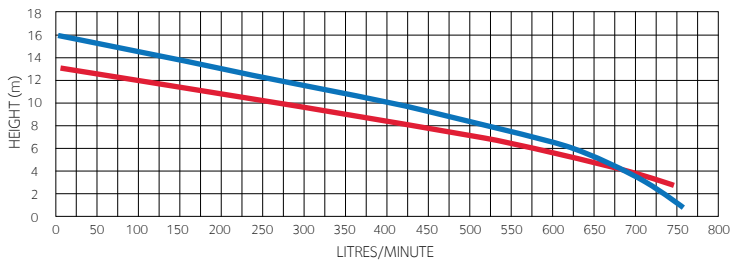
W-750 SK

PUMP PERFORMANCE: — W-750 SK — W-750 SV





PUMP PERFORMANCE: — W-1500 SK / WT-1500 SK — W-1500SV



W-750 SV / W-1500SV



W-1500 SK

SUBMERSIBLE 2 - STAGE GRINDER PUMP

LSGX202M-3E (1 PH)

LSGX204M-3E (3 PH)

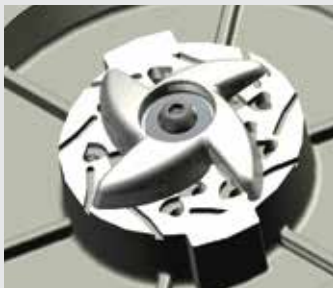
1
YEAR
ON-SITE
WARRANTY

For pressurised domestic sewage and wastewater systems. Advanced V-Slice cutter and Multivane impeller improves capability to handle shred able foreign objects in waste. Shut-off head 45 metres.



FEATURES

- V – Slice® cutter technology
- One piece uni-body casting
- Dual stainless steel impellers
- 300 Series stainless steel rotor shaft
- Clog free volute design
- Upper and lower ball bearings
- Dual seals
- Heavy duty oil filled motor
- Flanged connecting elbow 32mm (G90-BSP) available for both models
- Pumps are supplied with separate float and control panel
- Suitable for pressurised sewer applications
- Warranty 1 year parts and labour

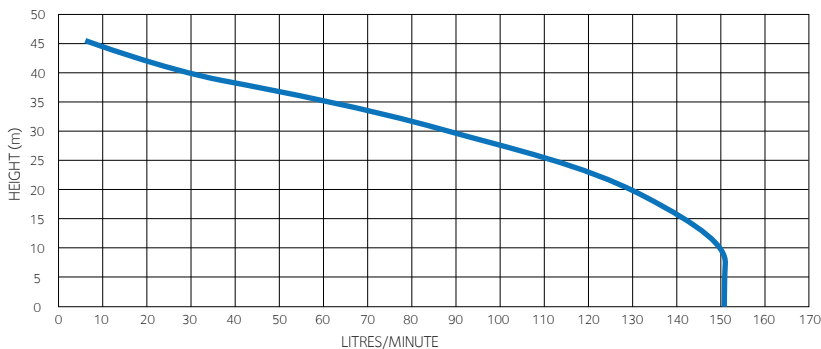


V-SLICE TECHNOLOGY

Superior cutting system provides improved shredder performance over radial cutters. V pattern provides up to 108 alternative cuts per revolution. Entire cutting system made of 440 stainless steel hardened to 58RC.



PUMP PERFORMANCE: — LSGX202M-3E / LSGX204M-3E



SUBMERSIBLE GRINDER PUMP (PROVORE)

PRG102M-3E

1
YEAR
ON-SITE
WARRANTY

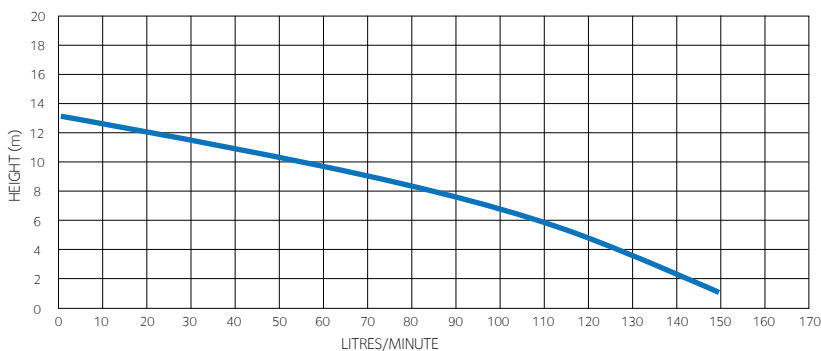
Suitable for domestic sewage and waste water.
Advanced V-Slice cutter and Multivane impeller improves capability to handle shred able foreign objects in waste.

FEATURES

- Heavy cast iron construction
- Patented V-Slice® cutter technology improves capability to handle shred able foreign object
- Hardened stainless steel cutter and plate
- Oil filled, thermally protected motor
- Pump is supplied with separate float and control panel
- Motor (kW / HP): 0.75 / 1.0
- Power (Volts) / RPM: 230 / 2875
- Outlet (mm): 2" PVC Pressure
- Cable Length: 10 metres
- Warranty 1 year parts and labour



PUMP PERFORMANCE: — PRG102M-3E



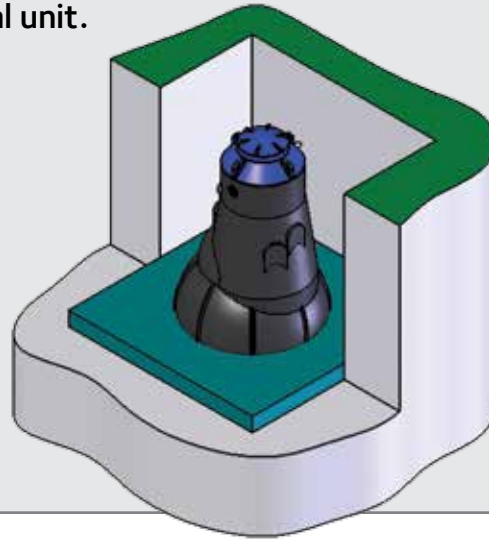
IN-GROUND

Fully automatic sewage and grey water disposal unit.

1
YEAR
ON-SITE
WARRANTY

FEATURES

- Single pump or twin pump options
- For complete households or commercial applications where a 24 hour storage requirement is necessary
- Capable of pumping up to 28m in height
- Collecting tank storage capacity of 250, 1100, 1550 or 3300 litres
- Anti-flotation design to prevent lifting in rain soaked ground situations
- Polyethylene tank construction
- Built in alarm system optional on selective pumps



**PUMP CHAMBER
WP250**



**IN-GROUND
PUMP CHAMBER
1000**



**IN-GROUND
PUMP CHAMBER
1500**



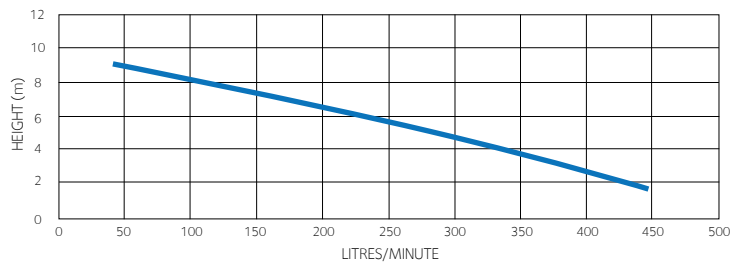
**IN-GROUND
PUMP CHAMBER
3000**



W-750SK

MOTOR RATING:
0.75KW / 230V / 7AMPS
MAX HEAD: 8M
MAX FLOW: 450LPM

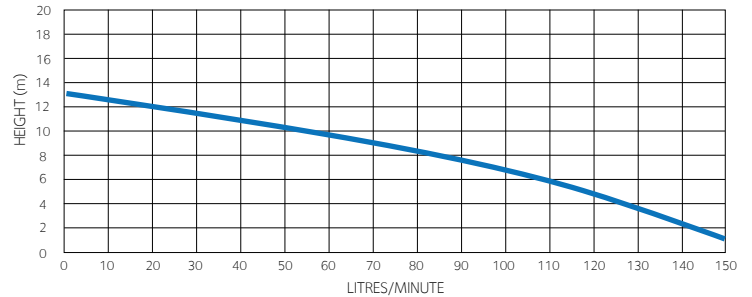
PUMP PERFORMANCE: — W-750 SK



PRG102M-3E

MOTOR RATING:
0.75KW / 230V / 6AMPS
MAX HEAD: 12M
MAX FLOW: 150LPM

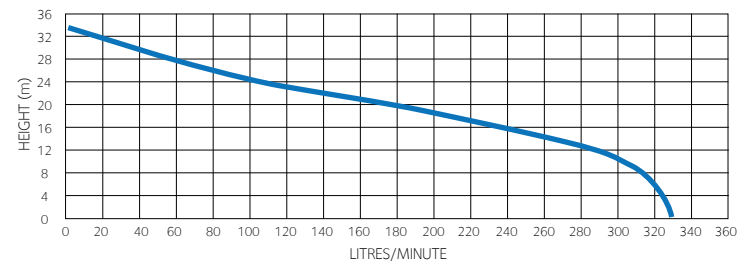
PUMP PERFORMANCE: — PRG102M-3E



GRP26 WA

MOTOR RATING:
1.8KW / 230V / 11.5AMPS
MAX HEAD: 28M
MAX FLOW: 350LPM

PUMP PERFORMANCE: — GRP 26WA / GRP 26DA



W-750 SK



PRG102M-3E



GRP 26WA / DA

MINI BLAZE PUMP MB25L



Suitable for storm water, treated filtered effluent or drainage water, de-watering cellars, garages, pools, ditches and pits. NOT SUITABLE for sewage and waste water with solids.

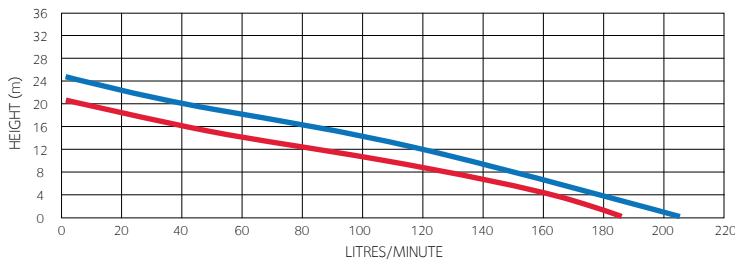
FEATURES

- The Mini Blaze is equally at home providing plumbers and tradesman to evacuate water from work sites.
- From the handyman to river camp sites, the versatility for application of the MiniBlaze is endless.
- Coupled to the powerful 2.5hp 4 stroke engine.
- Open face cast iron impeller.
- 25mm Inlet/Outlet.



PUMP PERFORMANCE:

- MB25L (FULL THROTTLE)
- MB25L (3600 RPM)



ALARM SYSTEMS AND MONITORS

Pumping equipment is expensive, by utilising one of our monitors or alarm systems you can protect your investment and avoid any problem that may occur. In some council areas these type of early warning or protection systems are mandatory.

COMPUTERISED PUMP AND ALTERNATING SINGLE/TWIN PUMP CONTROL PANEL

Automatic or manually operated control panel with LED display

- Automatic Twin Submersible pumps: Sewage & Waste water pumping from sump/tanks, with audio/visual high level alarm
- Submersible pumps: Automatic sewage and waste water pumping from sump, audio/visual high level alarm
- Over/under current protection
- Automatic Twin Booster Pumpset: Water supply to large establishments on demand, Irrigation
- Borehole pumps: Automatic water supply, Irrigation, filling tank
- Centrifugal pumps: Used in various industries such as agriculture, water supply, chemical, pulp and paper, fertilizer, petrochemical etc



HIGH/LOW LEVEL ALARM

Audio – Visual High/Low level alarm for use with sewage and waste water sumps or water tanks

- Warns against flooding. Spilling of hazardous sewage and waste water due to submersible pump failure or overflowing of potable water from the holding tank can happen if there is no prior warning to the user.
- Wallace Pumps have produced the Electronic High/Low Level Alarm system. It will give a prior audio-visual warning of the possible overflow so remedial action can be taken.



Submersible Pumps Technical Data

W-100/1

Motor (kW / HP): 0.1 / 0.15
Power (Volts / phase): 230 - 240 / 1
Dimensions (mm):
250(H) x 200(W) x 144(L)
Weight (kg): 4
Outlet (mm): 25
Cable Length (m): 4
Min Sump Dimension (mm):
225mm x 225mm x 275mm

W-370/1

Motor (kW / HP): 0.37 / 0.50
Power (Volts / phase): 230 - 240 / 1
Dimensions (mm):
325(H) x 225(W) x 159(L)
Weight (kg): 6.5
Outlet (mm): 40
Cable Length (m): 4
Min Sump Dimension (mm):
250mm x 250mm x 350mm

JX-180

Motor (kW / HP): 0.18 / 0.3
Power (Volts / phase): 230 - 240 / 1
Pump Dimensions (mm):
360(H) x 170(W)
Weight (kg): 9.1
Outlet (mm): 25, 32, 40
Full Load Current (A): 1.5amps
Min Sump Dimension (mm):
400 x 400 x 400

JX-400S

Motor (kW / HP): 0.45 / 0.6
Power (Volts / phase): 230 - 240 / 1
Pump Dimensions (mm):
500(H) x 225(W)
Weight (kg): 18
Outlet (mm): 50
Full Load Current (A): 3amps
Min Sump Dimension (mm):
700 x 700 x 700

W-400

Motor (kW / HP): 0.40 / 0.5
Power (Volts / phase): 230 - 240 / 1
Pump Dimensions (mm):
460(H) x 250(W)
Weight (kg): 15
Outlet (mm): 25
Full Load Current (A): 4amps
Min Sump Dimension (mm):
700 x 700 x 700

AQUADRAIN AD32-750

Motor (kW / HP): 0.75 / 1.0
Power (Volts / phase): 230 - 240 / 1
Pump Dimensions (mm): 360(H) x 250(W)
Weight (kg): 17
Outlet (mm): 25
Full Load Current (A): 5.24amps
Min Sump Dimension (mm):
700 x 700 x 700

W-750 SV

Motor (kW / HP): 0.75 / 1.0
Power (Volts / phase): 230 - 240 / 1
Pump Dimensions (mm):
460(H) x 250(W)
Pump Diameter (mm): 225
Weight (kg): 22
Outlet (mm): 50
Full Load Current (A): 7amps
Min Sump Dimension (mm):
700 x 700 x 700

W-750 SK

Motor (kW / HP): 0.75 / 1.0
Power (Volts / phase): 230 - 240 / 1
Discharge Size: 50mm
Pump Dimensions (mm):
495(H) x 290(W)
Pump Diameter (mm): 225
Weight (kg): 22
Full Load Current (A): 7.0amps
Min Sump Dimension (mm):
700 x 700 x 700

W-1500 SK

Motor (kW / HP): 1.5 / 2.0
Power (Volts / phase): 230 - 240 / 1
Discharge Size: 80mm
Pump Dimensions (mm):
550(H) x 355(W)
Pump Diameter (mm): 265
Weight (kg): 36
Full Load Current (A): 14amps
Min Sump Dimension (mm):
1000 x 1000 x 1000

WT-1500 SK

Motor (kW / HP): 1.5 / 2.0
Power (Volts / phase): 400 / 3
Discharge Size: 80mm
Pump Dimensions (mm):
445(H) x 355(W)
Pump Diameter (mm): 265
Weight (kg): 30
Full Load Current (A): 3.2amps
Min Sump Dimension (mm):
1000 x 1000 x 1000

W-1500SV

Motor (kW / HP): 1.5 / 2.0
Power (Volts / phase): 230 / 1
Discharge Size: 50mm
Pump Dimensions (mm):
547(H) x 200(W) x 311(L)
Weight (kg): 31
Full Load Current (A): 14.0amps
Min Sump Dimension (mm):
1000 x 1000 x 1000

LSGX202M-3E (1 phase)

Motor (kW): 1.5
Power (Volts / phase): 230 / 1
Discharge Size: 32mm G90 BSP
RPM: 2875
Pump Dimensions (mm):
499(H) x 242(W)
Weight (kg): 40
Full Load Current (A): 12.6amps
Cable(M): 10
Min Sump Dimension (mm):
1000 x 1000 x 1000

LSGX204M-3E (3 phase)

Motor (kW): 1.5
Power (Volts / phase): 400 / 3
Discharge Size: 32mm G90 BSP
RPM: 2875
Pump Dimensions (mm):
499(H) x 242(W)
Weight (kg): 40
Full Load Current (A): 4.3amps
Cable(M): 10
Min Sump Dimension (mm):
1000 x 1000 x 1000

PRG102M-3E

Motor (kW / HP): 0.75 / 1.0
Power (Volts / RPM): 230 / 2875
Outlet (mm): 2" PVC Pressure
Pump Dimensions (mm):
446(H) x 281(W)
Weight (kg): 28
Full Load Current (A): 6.0amps
Cable(M): 10
Min Sump Dimension (mm):
1000 x 1000 x 1000

HOMA GRP 16BDA

Motor (kW): 1.3
Power (Volts / phase): 400-415 / 3
Pump Dimensions (mm):
496(H) x 261(W) x 212(L)
Weight (kg): 27
Outlet (mm): 50
Full Load Current (A): 4.2amps
Speed (rpm): 2900
Cable(M): 10

HOMA GRP 16BWA

Motor (kW): 1.5
Power (Volts / phase): 230 - 240 / 1
Pump Dimensions (mm):
496(H) x 261(W) x 212(L)
Weight (kg): 27
Outlet (mm): 50
Full Load Current (A): 7.5amps
Speed (rpm): 2900
Cable(M): 10

HOMA GRP 26DA

Motor (kW): 1.9
Power (Volts / phase): 400-415 / 3
Pump Dimensions (mm):
468(H) x 350(W) x 350(L)
Weight (kg): 33
Outlet (mm): 50
Full Load Current (A): 4.4amps
Speed (rpm): 2900

HOMA GRP 26WA

Motor (kW): 1.8
Power (Volts / phase): 230 - 240 / 1
Pump Dimensions (mm):
468(H) x 350(W) x 350(L)
Weight (kg): 33
Outlet (mm): 50
Full Load Current (A): 11.5amps
Speed (rpm): 2900

HOMA GRP 36DA

Motor (kW): 3.1
Power (Volts / phase): 400-415 / 3
Pump Dimensions (mm):
505(H) x 350(W) x 350(L)
Weight (kg): 44
Outlet (mm): 50
Full Load Current (A): 6.4amps
Speed (rpm): 2900



Email: enquiries@dmlwallace.co.nz

Web: www.dmlwallace.co.nz

Available from