

VM Series Pumps

APPLICATIONS



The Davey VM Series offers a full range of quality vertical multistage pumps with all hydraulic parts in 304 stainless steel with the shafts made from 316L stainless steel to provide high corrosion and abrasion resistance for a longer pump life. VM pumps are suitable for a multitude of domestic and commercial applications where high pressure is required.

Operating Capabilities

- Flow rate from 1.2m³/hr to 110m³/hr
- Total head up to 290 metres
- Maximum liquid temperature +70°C
- Available in single phase (220/240V) and three phase (380/415V) voltages
- Coupled with an IP 55, Class F, 50Hz, 2 Pole motor

Applications

- Agriculture and farming
- Turf and sports ground watering
- Commercial applications, i.e. high pressure washing
- Pressure boosting
- Water supply for domestic and industrial Jockey pumps

Features such as hard face mechanical seals, teflon neck rings to reduce noise and vibration and raised bottom bearing to reduce the risk of damage from sediments, all contribute to deliver a longer pump life.

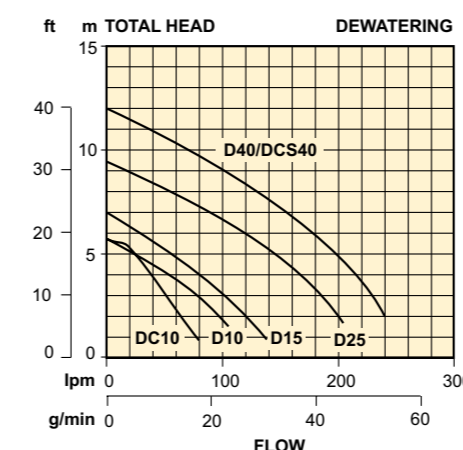
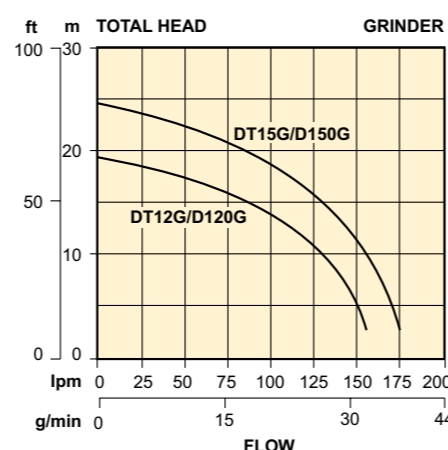
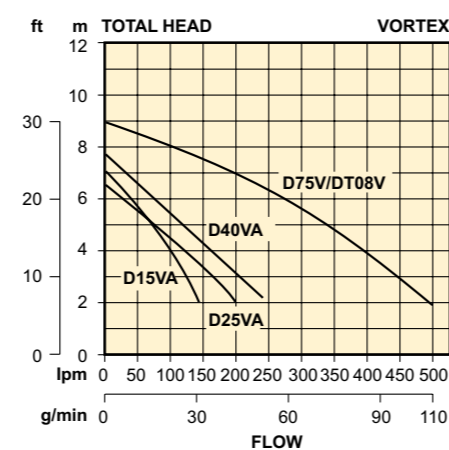
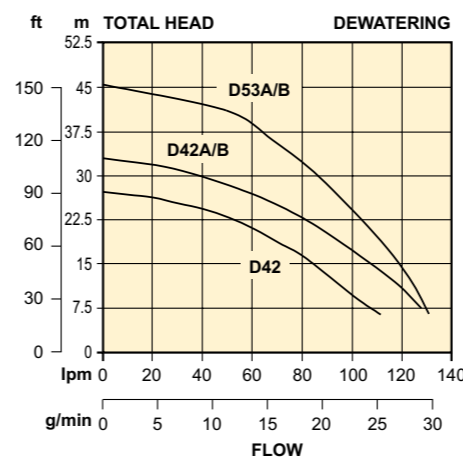
Sump/Drainage Pumps

APPLICATIONS



Davey Sump Pumps are available up to 22kW for a range of applications from simple dewatering around the home, pumping raw sewage, to high-pressure models for rainwater tanks.

- Built tough to last
- All models have in-built thermal overloads for longer life
- Multiple shaft seals with hard faced mechanical seals and oil baths for added security and endurance
- Extensive use of high grade stainless steel to resist corrosion
- Compliance with Australian and International electrical standards for safety and peace of mind
- Selected models suitable for installation on slide rail kits
- Choice of models to suit a variety of applications
- For a complete range of pump performance curves contact your Davey dealer



D15VA Vortex

D75VA Vortex

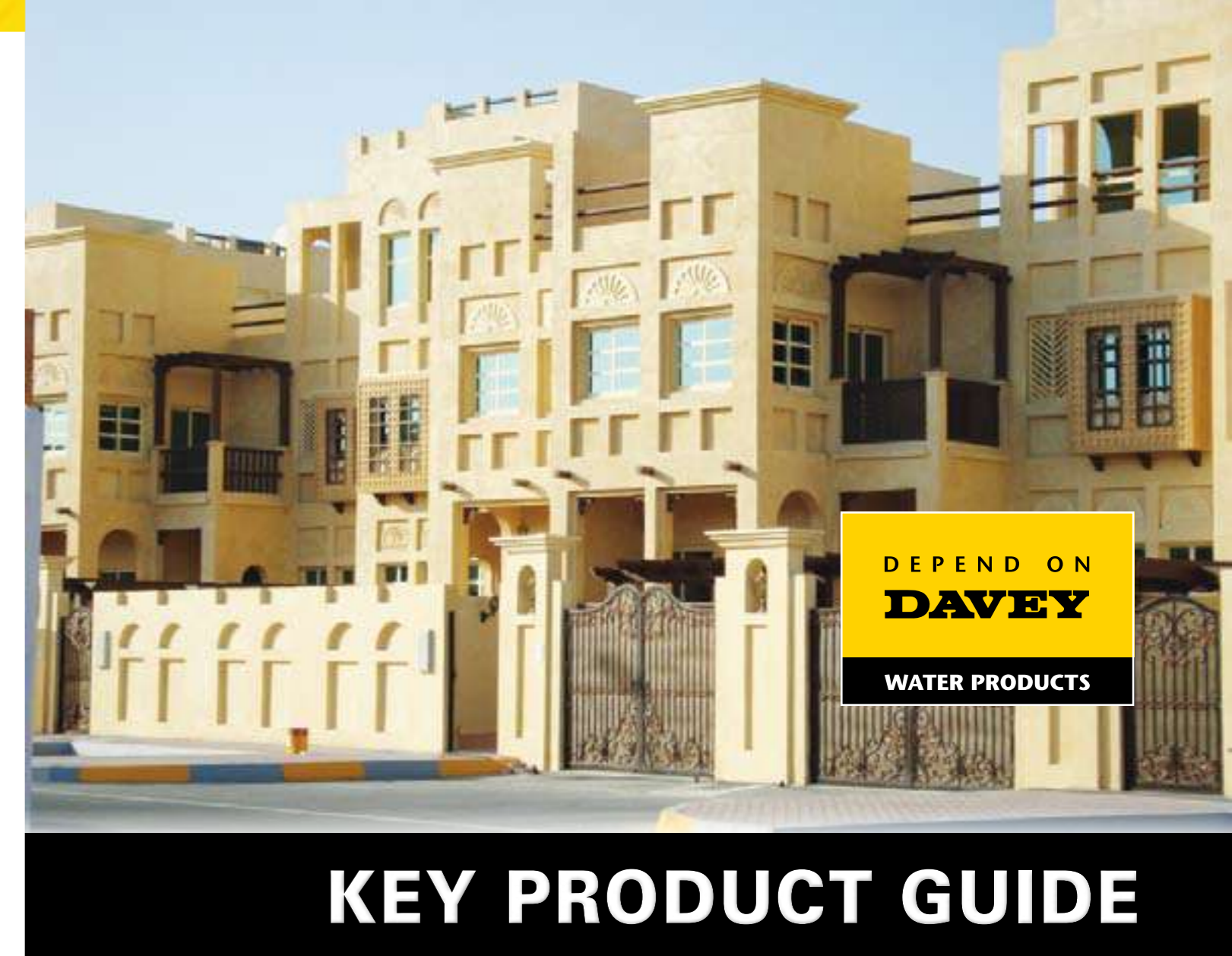
DT37 Dewatering

DCS40A Double Cased Stainless Steel

D120G Grinder

D42A/B Twin Impeller Drainage

DC10M Double Cased



DEPEND ON
DAVEY
WATER PRODUCTS

KEY PRODUCT GUIDE

UAE 50Hz – Issue No.1



AGRICULTURE



HOUSEHOLD



INDUSTRIAL & COMMERCIAL



IRRIGATION

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DPM2847K/0709/IPM

Packaged Pump Sets

APPLICATIONS



Duty/Standby – Duty/Assist Pump Sets

The local Davey agent is the Approved Assembler of Davey packaged pump sets. Davey packaged pump sets are 'made to order' and can be configured to meet the highest pumping standards with custom-made panels to meet all system control requirements. The Davey pump sets are ideally suited for residential water transfer and booster sets. Larger units are also available for high-rise buildings, commercial and agricultural applications.

- Automatic 1 duty / 1 standby pump built to client specification
- Automatic cyclic change-over to even out wear on pumps
- Indicators include Power On, Run, Trip, Fuse Failure and Low Level lamps
- Minimum run timer installed on all booster sets to limit the pumps from cycling
- Copper piping and galvanized base ensure good corrosion resistance
- Provision for connecting dry running protection via a float switch
- Automatic pump change-over on overload trip
- Star Delta starter and door interlock isolators fitted to all panels for motors rated 3kW and above
- Meets all UAE electrical standards
- Low voltage control circuit for ease of maintenance
- Pump sets are fully assembled by authorized Davey agent in UAE and QA tested
- Commissioning service offered free of charge for all pump sets
- 12 month warranty included for pumps, panel and accessories
- Stockist of spare parts for new and old models up to 7 years old
- 3 year maintenance agreement available on request



XF/JY Series

APPLICATIONS



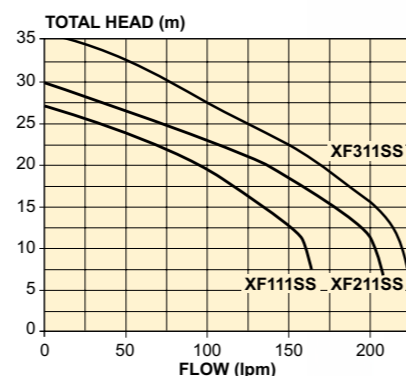
XF Stainless Steel Transfer Pumps

The XF111SS, XF211SS and XF311SS single stage centrifugal pumps feature simplicity of design coupled with an all stainless steel pump end. Teflon neck rings provide long lasting performance and excellent suction capability.

Ideal for pumping hot or cold water for a variety of applications:

- Domestic water supply
- Irrigation
- Washing systems
- Pressure boosting
- Water transfer
- Heat exchangers

XF111SS / XF211SS



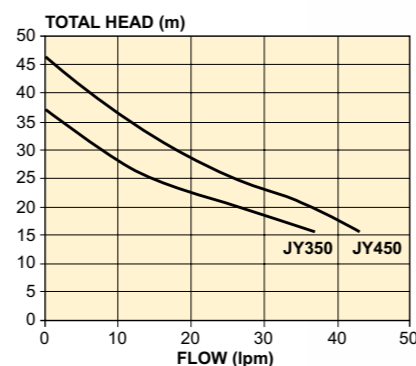
JY Jet Assisted Pumps

These economical and compact, single stage jet assisted centrifugal pumps are ideal to provide reliable, higher pressures up to 46 metres (460kPa) or flows to 43 lpm.

Applications include:

- Elevated tank filling
- Domestic water supply
- Water transfer
- Pressure boosting

JY350 / JY450



Dynaflor® 6200 Series

APPLICATIONS



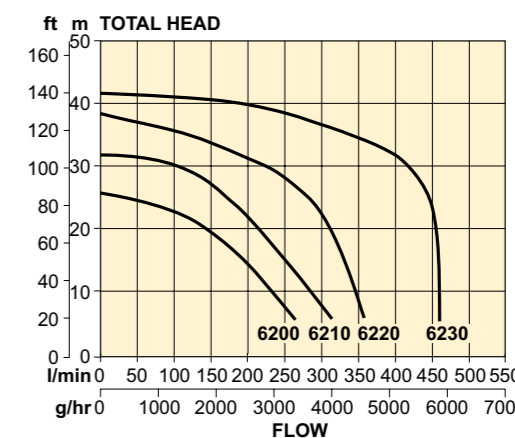
- Single stage centrifugal motor pumps with high quality single or three phase IP56 motors
- Flows up to 460 lpm and pressure to 42 metres head
- Proven designs that guarantee years of reliable operation
- Robust pumps that are ideal for farm and commercial applications



Dynaflor® 6200 / 6210



Dynaflor® 6220 / 6230



Dynaflor® 6220SS / 6230SS

Dynaflor SS versions are suitable for brackish or sea water due to a heavy duty 316SS casing and hard face mechanical seal.

HM Series Pumps

APPLICATIONS



The Davey HM Series all Stainless Steel Horizontal Multistage pumps are premium quality pumps, designed to give high performance and long operating life.

Technical Specifications

- Capacities up to 430 lpm (26m³/hr)
- Pressure heads up to 65 metres
- Maximum operating pressure 1000kPa
- Maximum suction pressure 600kPa
- Maximum ambient temperature +50°C
- Liquid temperature range -15°C to +105°C

Applications

- Water supply, boosting & transfer
- Irrigation & turf watering
- Wash down
- Emptying/filling reservoirs or tanks
- Water treatment (demineralisation, filtering, etc).
- Commercial washing equipment

Horizontal multistage centrifugal pump with all hydraulic parts in 304 stainless steel, suitable for high water temperatures, providing high corrosion and wear resistance.

Stainless steel impellers with high efficiency impeller profile and thick self-centring impeller neck rings for high efficiency, reduced power consumption and low noise output.

Impellers mounted directly on extended shaft to maximise performance per stage, providing high efficiency, long motor and pump life and increased wear resistance.



HM Series with TEFC Motor and Torrium