

DEPEND ON  
**DAVEY**

WATER PRODUCTS

# KEY PRODUCT GUIDE

DOMESTIC & FARM • ISSUE NO. 9



HOUSEHOLD



LEISURE



WATER TREATMENT



FIRE PROTECTION



AGRICULTURE



IRRIGATION



INDUSTRIAL & COMMERCIAL



# HOUSEHOLD PRESSURE SYSTEMS & MAINS BOOSTING

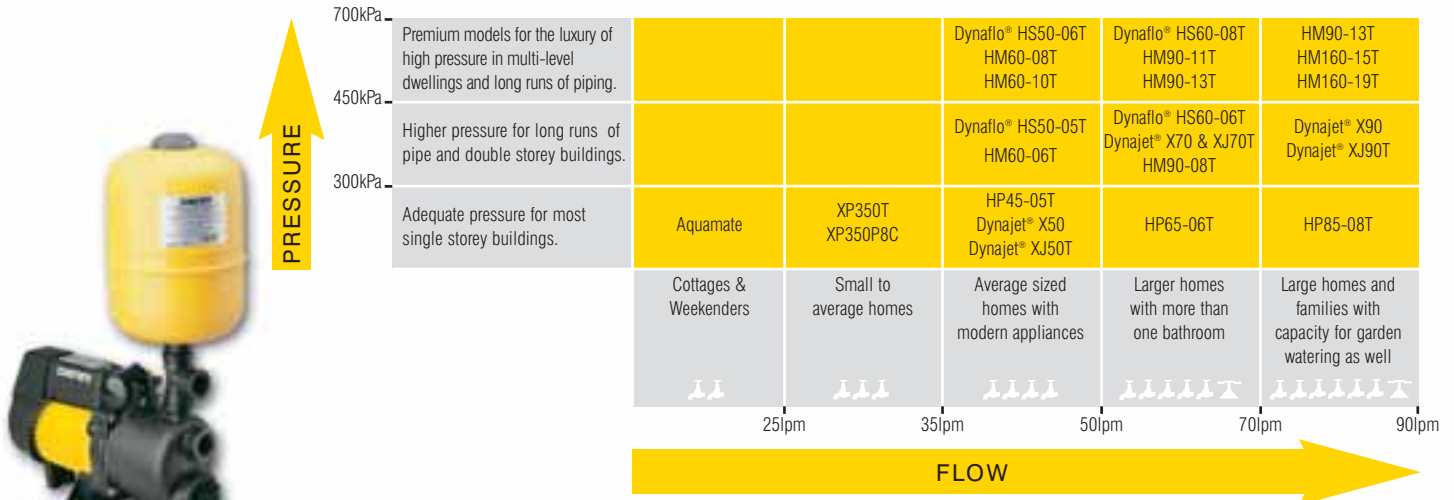
## APPLICATIONS



Davey Household Pressure Systems have for decades represented the benchmark in quality, reliability and features.

Davey offers you the choice of controls for your pressure system. Choose from a Pressure Switch or Davey's Torrium® for the ultimate in anti-cycling pump control.

You can also choose between the simplicity of jet assisted centrifugal pumps like the XJ Ultra, or the higher efficiency and whisper-quiet operation of multistage centrifugal pumps like the NEW HM range or one of Davey's Dynaflo® HS or HP Series models.



XP350P8C

| Models   | Inlet    | Outlet |
|--|----------|--------|
| Aquamate   |          | 1" M   |
| XP350P8C & X50   | 1" F     | 1" F   |
| XP350T, XJ50T & XJ70T                                      |          |        |
| XJ90T, HS/T, HM60/T, HM90/T, HP45-05T, HP65-06T & HP85-08T | 1 1/4" F | 1" M   |
| X70 & X90  |          | 1" F   |
| HM160-15T & HM160-19T                                      | 1 1/2" F | 1" M   |



Dynaflor® HS with Torrium®



HP with Torrium®



HM with Torrium®

## TORRIUM® DELIVERS FLOW-ON BENEFITS

## APPLICATIONS



It's not easy living with water pressure problems. That's why Davey invented the extremely clever Torrium® Pressure System Controller. Five years in the making and thousands of hours of world-wide in-the-field testing have culminated in a Pressure System Controller that can actually think for itself. The Torrium® can automatically adapt to changing conditions. This unique ability to respond to changing circumstances ensures that a steady, reliable flow of water is virtually guaranteed, day after day, year after year.

- Constant flow for a better shower
- Loss of prime protection with auto-retry
- Adaptive pressure switch to accommodate changing conditions
- Simplified fault finding to help get your water supply back and running quicker
- Low pressure loss to get the best from your pump



Torrium® Controller

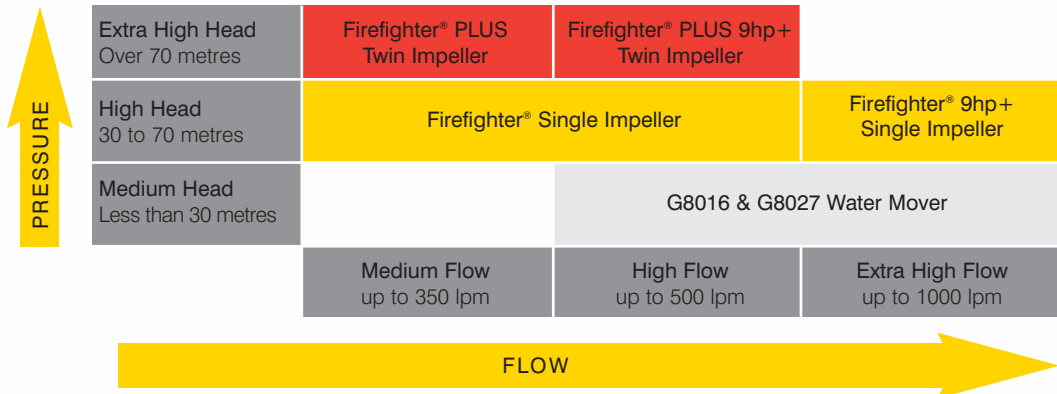
# 5 SERIES FIREFIGHTER® & FIREFIGHTER® PLUS

## APPLICATIONS



The Davey range of engine driven self priming pumps offers you versatility for a variety of applications:

- Firefighting
- Irrigation
- Agricultural spraying such as sheep jetting
- Water transfer
- Boom spraying
- Deep well jet pump applications



Depend on Davey to take yet another quantum leap forward with their 5 Series Firefighter® range. These pumps offer a host of exciting features to make installation, operation and maintenance easier, quicker and more dependable.

- Larger Capacity Twin Impeller Casings - faster priming
- Larger Priming and Drain Ports - easier to use
- Bayonet Style Priming and Drain Plugs - no tools required
- Four-way Discharge - more convenience
- Dual Floating Neck Rings - improved performance
- Thrust Balance - longer engine life
- Patented Clamped Impellers - improved performance & easy disassembly
- High Quality Epoxy Powder Coated Casings (inside & out) - longer life
- Choice of Honda or Briggs & Stratton Vanguard petrol engines or Yanmar diesel engines

The 5 Series range also offers class leading performance, reliability, superior self priming and performance at suction lifts, providing you with confidence when lifting water from a river or dam.



5255H with Honda GX160 Engine

5155H with Honda GX160 engine

For easy identification, all single stage Firefighter models have YELLOW casings. Firefighter Plus two stage models have RED casings.

# POOL & SPA EQUIPMENT

## APPLICATIONS



Major advances in pool pump technology have been made recently with the Silensor® range, featuring; dry run protection, super-quiet operation with a water silenced motor, rustproof construction and high efficiency low power consumption performance. The all new Crystal Clear® sand filters offer rugged fibreglass construction and efficient operation as the perfect compliment to the Silensors.

Talk to your local Davey dealer about Davey's extensive range of pool & spa pumps, filters & accessories.

### SELECTING THE RIGHT SIZE PUMP OR FILTER

| Pool Volume     | Silensor® SLS Pumps (PACR Replacement) | Silensor® SLL Pumps | Crystal Clear® Fibreglass Sand Filters | Easy Clear® Cartridge Filters |
|-----------------|--|---------------------|--|-------------------------------|
| 30,000 litres   | SLS 100                                | -                   | FG 18                                  | EC 500                        |
| 45,000 litres   | SLS 150                                | SLL 150             | FG 21                                  | EC 750 - EC1000               |
| 70,000 litres   | SLS 200                                | SLL 200             | FG 25                                  | EC 1000 - EC1500              |
| 90,000 litres   | SLS 300                                | SLL 300             | FG 28                                  | EC 1500 - EC1750              |
| 110,000 litres  | SLS 300                                | SLL 400             | FG 32                                  | EC 2250                       |
| 160,000+ litres | -                                      | -                   | FG 36                                  | 2 x EC 2250                   |



Silensor® SLL pump

Note: It is possible to use larger sized cartridge filters to minimise element cleaning required.



Crystal Clear® Fibreglass Sand Filter

# RAINWATER HARVESTING

## APPLICATIONS



RainBank® on HP pump

The Davey RainBank® dual source controller allows town and city dwellers to easily take advantage of rainwater for applications such as toilets and laundry with a small rainwater tank.

RainBank® automatically sources rainwater first, and uses mains water only as a back-up. In the event of a power failure, pump failure or mains water interruption, RainBank® can still provide water for you.



# POND PUMPS

## APPLICATIONS



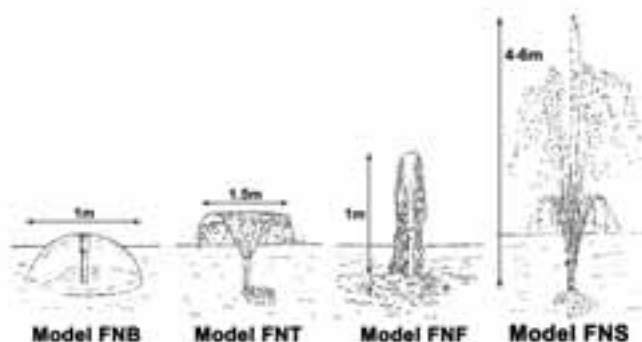
Davey's Dynapond Pond Pumps are specially designed for fully submerged, 24 hour a day, 7 day a week operation.

The Dynapond is ideal for large domestic and commercial fountains and waterfalls, Koi and fish ponds, as well as recirculation applications in freshwater aquaculture.



Dynapond 8000

| Height (m) | Dynapond (l/hr) |       |        |
|------------|-----------------|-------|--------|
|            | 7000            | 8000  | 15000  |
| 1          | 5,700           | 7,800 | 14,300 |
| 2          | 4,900           | 7,200 | 13,500 |
| 3          | 3,900           | 6,300 | 12,700 |
| 4          | 2,900           | 5,100 | 11,700 |
| 5          | 1,200           | 3,700 | 10,500 |
| 6          | -               | 2,200 | 9,000  |
| 7          | -               | -     | 7,100  |
| 8          | -               | -     | 4,200  |



# WATER TREATMENT & DISINFECTION

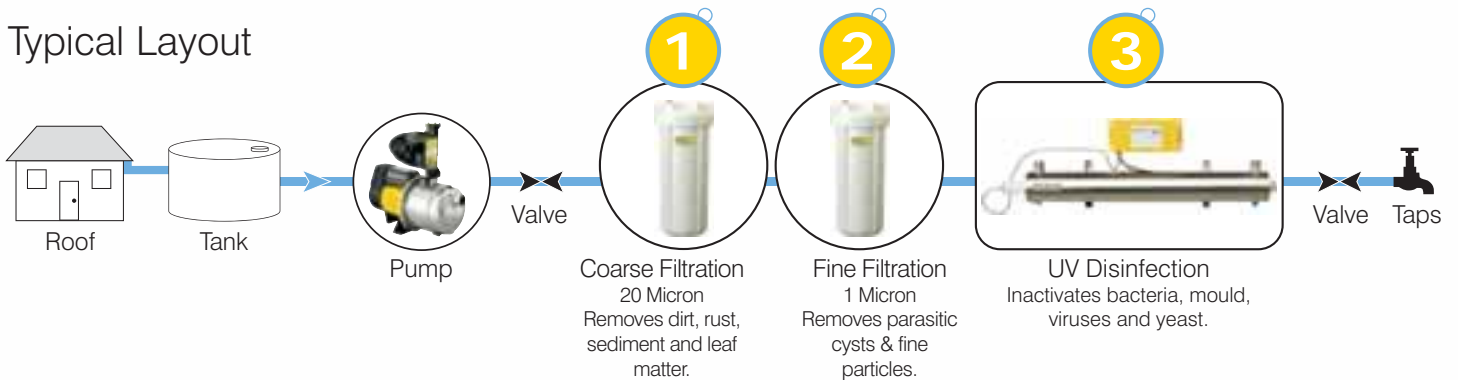
## APPLICATIONS



Treated rainwater can provide continuous clean, safe and fresh tasting water for your home. Three easy steps in the Davey Filterpure and Steriflo package ensure clean, safe, drinking of your rainwater. UV disinfection inactivates micro-organisms without adding chemicals and effecting taste.

Davey also offers a wide range of purification and filtration cartridges in the Filterpure range to improve taste and aesthetic qualities of water.

## Typical Layout



| DWELLING SIZE & OUTLETS           | KIT    | MAXIMUM FLOW (lpm) | KIT COMPONENTS |                                 |                       |                   |
|-----------------------------------|--------|--------------------|----------------|---------------------------------|-----------------------|-------------------|
|                                   |        |                    | HOUSING SIZE   | 1 COARSE FILTRATION             | 2 FINE FILTRATION     | 3 UV DISINFECTION |
| Small to medium home              | KSF40  | 40                 | 10" Jumbo      | 1 x 20 Micron Pleated Polyester | 1 x 1 Micron Polyspun | UV40-20           |
| Medium to large home              | KSF75  | 75                 | 20" Jumbo      | 1 x 20 Micron Pleated Polyester | 1 x 1 Micron Polyspun | UV75-25           |
| Large home or commercial property | KSF130 | 130                | 20" Jumbo      | 2 x 20 Micron Pleated Polyester | 2 x 1 Micron Polyspun | UV130-40          |

Davey offers larger UV systems for treating process water, drinking water and waste water with flow rates up to 200m<sup>3</sup>/hr. Please enquire with your local Davey dealer.

# RAINWATER TANK PURIFIER



Acquasafe is a second generation product designed specifically for rainwater tank disinfection, inside your rainwater tank.

Acquasafe destroys virtually all bacteria and viruses, leaving rainwater clean enough to drink and protects your tank from recontamination for up to two months.

Acquasafe is completely non-toxic and safe to use around your family. While most chemicals used for water disinfection are toxic (some are even known carcinogens), Acquasafe breaks down into oxygen and water.

| Volume of water to be treated | Required dosage of Acquasafe |
|-------------------------------|------------------------------|
| 1,000L                        | 67ml                         |
| 2,000L                        | 134ml                        |
| 5,000L                        | 333ml                        |
| 10,000L                       | 666ml                        |
| 15,000L                       | 1L                           |
| 45,000L                       | 3L                           |
| 75,000L                       | 5L                           |
| 150,000L                      | 10L                          |
| 375,000L                      | 25L                          |

• Environmentally Safe • Tasteless and Odourless • 1 Litre disinfects 15,000 litres •

# WATER TRANSFER PUMPS

## DYNAFLO® 6200 SERIES

### APPLICATIONS



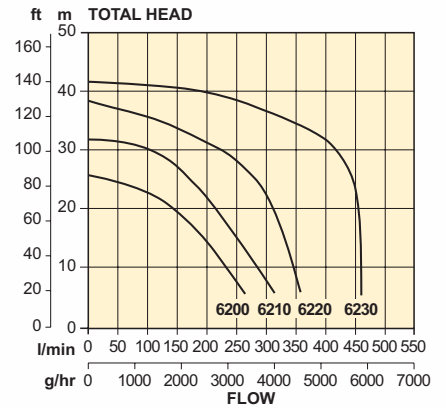
- Single stage centrifugal motor pumps with high quality single or three phase IP56 motors
- Flows up to 460 lpm and pressure to 42 metres head
- Proven designs that guarantee years of reliable operation
- Robust pumps that are ideal for farm and commercial applications



6200/6210



6200/6230



## XF SERIES

### APPLICATIONS



Ideally suited to flows up to 225 lpm and heads to 34 metres. Built for long life, these quality pumps have uses such as:

- General water transfer
- Cooling towers
- Spearpoint pumps
- Irrigation
- Aquaculture
- Hydroponics

Featuring an IP55 rated TEFC motor and designed for ambient temperatures up to 50°C, the XF is designed to handle hard work.

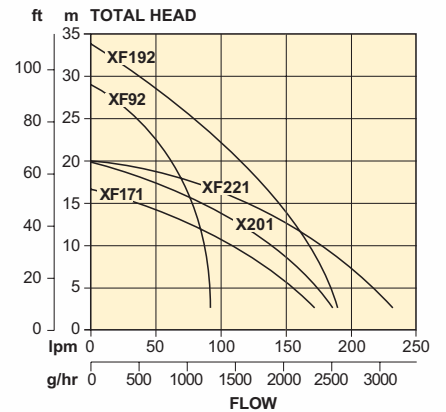
For applications with 'grey' or dirty water, the self priming X201 model is available.



X201



XF192



# PRESSURE TANKS

### APPLICATIONS



Davey Supercell Pressure Tanks are designed to provide many years of reliable service. These robust, hydro-pneumatic water pressure vessels are manufactured from the highest quality materials in compliance with the strict requirements of ISO 9001:2000 quality standards.

#### NOMINAL DRAW OFF CAPACITY IN LITRES

| Tank Model       | Tank Capacity (litres) | Max Pressure Rating (kPa) | Pressure Switch Range kPa (psi) |                 |                 | Dimensions    |             | Inlet           |          |
|------------------|------------------------|---------------------------|---------------------------------|-----------------|-----------------|---------------|-------------|-----------------|----------|
|                  |                        |                           | 150-300 (22-44)                 | 250-400 (36-58) | 300-600 (44-88) | Diameter (mm) | Height (mm) | Size (BSP male) | Position |
| Supercell 8C     | 8                      | 700                       | 3.0                             | 2.4             | 3.4             | 200           | 300         | 3/4"            | Bottom   |
| Supercell 18C    | 18                     | 700                       | 6.7                             | 5.4             | 7.6             | 274           | 360         | 1"              | Bottom   |
| Supercell 35C    | 35                     | 700                       | 13.3                            | 10.5            | 14.7            | 380           | 400         | 1"              | Bottom   |
| Supercell 50C    | 50                     | 700                       | 18.8                            | 15.0            | 21.0            | 380           | 570         | 1"              | Side     |
| Supercell 105C   | 105                    | 700                       | 39.4                            | 31.5            | 44.1            | 500           | 680         | 1 1/4"          | Side     |
| Supercell 24HP+  | 24                     | 1600                      | 8.3                             | 6.3             | 10.3            | 270           | 485         | 1"              | Bottom   |
| Supercell HP105C | 105                    | 1050                      | 39.4                            | 31.5            | 44.1            | 500           | 680         | 1 1/4"          | Side     |



# SHALLOW & DEEP WELL JET PUMPS

## APPLICATIONS



Quality shallow and deep well jet pumps and pressure systems.

Ideal for supplying high pressure water for garden sprinklers, tank filling, washdown applications, large homes, trailer parks, etc.

The 95, 125 and 165 shallow and deep well models feature a strong marine grade aluminium casing with a tough engineering grade plastic lining, ensuring extremely high corrosion and abrasion resistance for years of trouble-free operation.

Top of the range is the powerful and rugged Prime Jet 240 pump, capable of delivering flows to 238 lpm, or developing discharge pressure in excess of 66 metres.



165D

165S

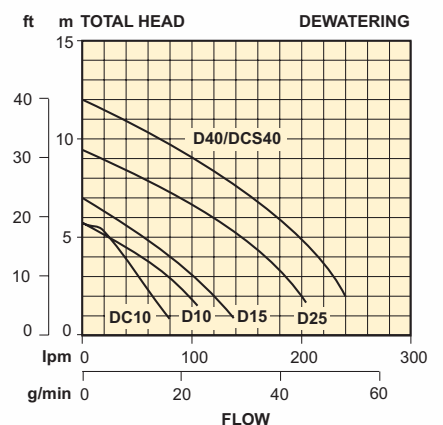
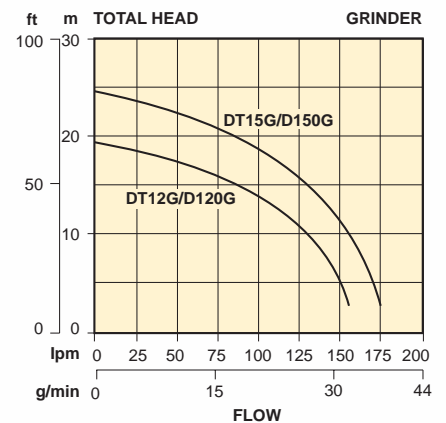
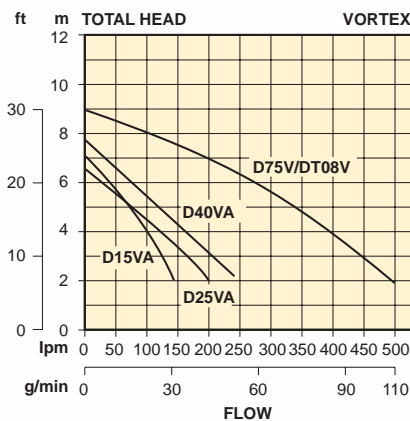
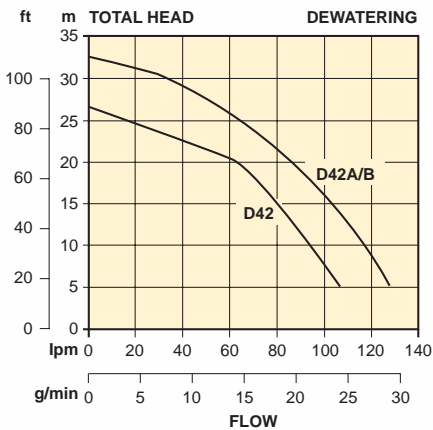
# SUMP PUMPS

## APPLICATIONS



Davey Sump Pumps are available 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
- Choice of models to suit a variety of applications
- Selected models suitable for installation on slide rail kits



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# DAVEY WATER PRODUCTS

**APPLICATIONS**



Davey also offer a broad range of larger pumps for irrigation, stock watering, town water supplies, high rise buildings, industry, etc.

Your Davey Water Products dealer can assist with selection and supply of pumps suitable for your application.

ISOspec® CM Series  
Motor Pump on baseplate  
up to 410m<sup>3</sup>/hr



ISOspec® CF Series  
Bareshaft Pump  
up to 900m<sup>3</sup>/hr

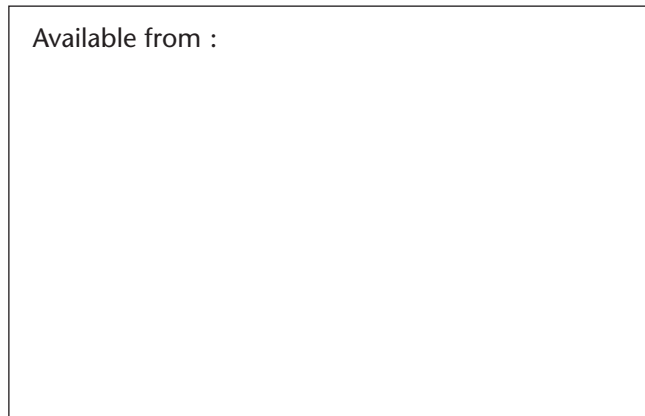


VM Series Vertical Multistage Pumps up to 110 m<sup>3</sup>/hr



4" 6" 8"  
Submersible Borehole Pumps

Available from :



**NOTE:** All details in this leaflet are accurate at time of printing. This is not a complete guide to product usage or guarantee conditions. Information & specifications subject to change without notice. Further information is available from your Davey Dealer, the Davey Customer Service Centre and from the relevant product Installation & Operating Instructions.

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