



halgan pty ltd

HALGAN PUMPS & PUMP STATIONS

DESIGN MANUFACTURE SERVICE
SUSTAINABLE ENVIRONMENTAL TREATMENT SOLUTIONS

To Our Customers

Whether you need grease traps, grease extractors, pump stations, pre-treatment devices, rainwater management systems or storm water treatment systems, Halgan's sustainable environmental treatment solution products offers many advantages. They're durable, reliable, and of superior standard. We're also proud of our pre-sales and post-sales technical service, it's about relationships and trust in a team that is on your side.

Company Profile

Halgan Pty Ltd, an Australian owned company, established in 1994, specialises in all aspects of sustainable environmental treatment solutions. From the initial manufacturing of treatment products, with a state of the art rotomoulding machine, right through to the consultation and sales process, **Halgan Pty Ltd** provides a superior product with stringent quality assurance.

For 20 years **Halgan Pty Ltd** has provided pre-treatment products and a dedicated service to plumbers, developers, engineers and merchants. We're proud of the reputation we have earned over that time for "having what you need, when you need it, where you need it".

Mission

To promote a sustainable environment, which is reflected in the products we sell, purchase and use.

Vision

To maintain a leading position in our markets through innovative, environmentally friendly products of the highest quality.

Values



Safety | we protect ourselves and others before all other priorities. Safety is a virtue to be instilled in each of us.



Innovation | we foster a creative environment where employees openly and enthusiastically search for new ways to improve our work.



Spirit of service | we reliably and equitably deliver exceptional products and services to our customers and communities all day, every day.



Empowered teams | we respect, trust, collaborate and communicate – openly embracing problems and conflict as opportunities to create solutions.



Communications | we listen to and share with each other timely, accurate and clear information to ensure effective performance of our work.

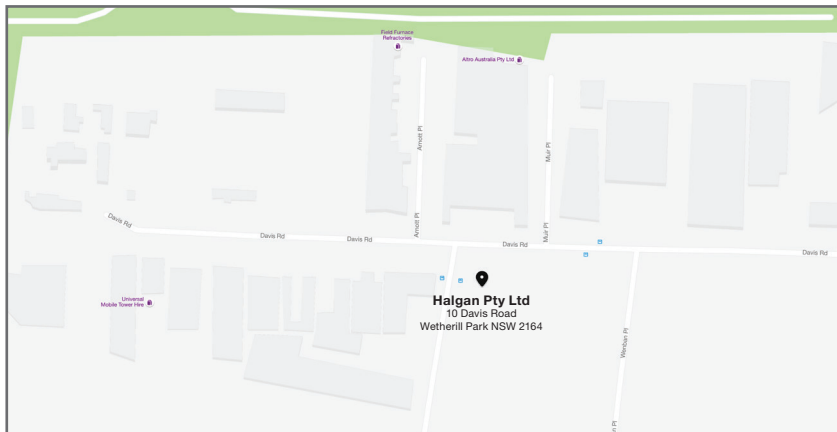


Promote professional & personal development | we provide opportunities to encourage each other to reach our highest level of performance within an inclusive, positive, fun work environment.

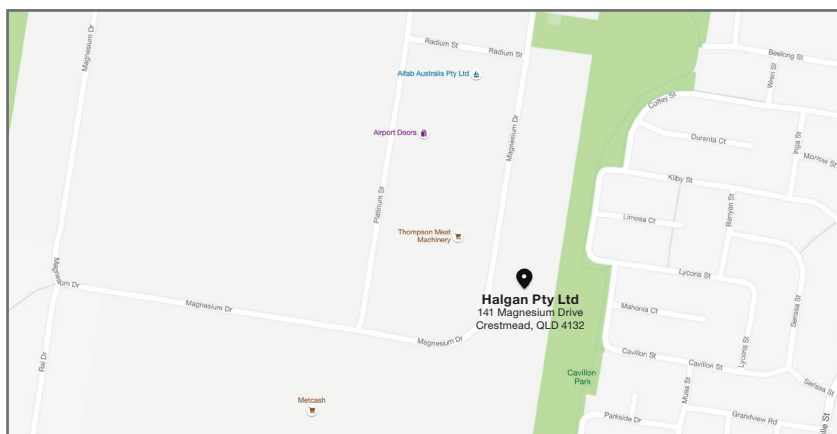
Company Directory

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Halgan Product Advantages

Compact | lightweight

- Manufactured from Polyethylene ensures our products are lightweight, easy to transport and easy to install
- Installation costs are considerably reduced as cranes or heavy haulage equipment isn't required.

Easily transported

- Lightweight units are easily transportable and can be installed in locations that are difficult to access. On site, units are easily handled and manoeuvred.

Durable, acid resistant, long life

- Units are manufactured using the most modern and technically advanced rotomoulding equipment which ensures effective and efficient quality control throughout the manufacturing process
- The polyethylene material used is chemically inert, non-porous and UV stabilised, and does not require additional acid resistant coatings required on most steel and concrete units.
- Polyethylene offers better overall chemical resistance to corrosive acids, bases & salts, and is unaffected by bacteria, fungi or even aggressive naturally occurring soils
- Polyethylene is highly durability against dents, cracks or breaks and has a projected life of over 50 years.
- Units certified by Structural Engineer to Australian and New Zealand Standards in line with the industry's best practice requirements

Easily cleaned

- The smooth wax-like surface of polyethylene products hinders the building up of coagulated oils and fats which allows for quick and through cleaning of units and minimal rinse water usage.

Environmentally friendly – Green Star

- Green Star is an internationally recognised sustainability rating system with which Halgan's polyethylene products can contribute towards
- Our products have documentable advantages in materials, energy, transport, emissions, water and land use, and ongoing maintenance cost savings.
- Measurable financial and environmental benefits of Green Star mean Halgan products are the right product of choice

Australian made

We are proud that our production and manufacturing is located in Australia, using Australian parts and labour. It gives great confidence in the quality and value of our products to our customers, by:

- being better for the environment and reducing our carbon foot print;
- supporting local jobs and providing employment for those living in Australia;
- growing the Australian economy;
- ensuring skills sets are retained for future generation of Australians; and
- ensuring superior quality controls



AS | NZS 1546.1 Certification

Continuing in our commitment to excellence, **Halgan Pty Ltd** has achieved AS-NZS 1546.1 Certification for the MGT S Series grease traps and pre-treatment vessels, the first pre-treatment manufacturer in Australia to attain this.

There is no applicable general or national standard for grease traps, the most relevant certification was AS/NZS 1546.1 - On-site domestic wastewater treatment units – Septic tanks and Holding Wells. Compliance is achieved through an on-site factory assessment of the manufacturing processes as well as type testing of product samples and testing reports. Type testing includes “Determination Of Resistance to Lateral Load - Hydraulic Test Method”.The lateral load (side loading) test simulates forces on Grease Traps wall due to soil in a partially saturated state together with any accidental (incidental) additional loading due to the presence of earth moving equipment adjacent to the tank. Ongoing certification is required and involves testing and audits to ensure that maintenance of the manufacturing process is occurring, and to monitor design change evolution.



Certification is an important step in assuring that customers continue to receive the very best in quality and service from **Halgan Pty Ltd** and our products. It ensures the implementation of a robust quality management system to guide and govern the company at all levels.

Working with a certified company

Benefits:

- business and customer related objectives and targets
- embedded cycles of improvement (getting better all the time)
- customer complaints handling system
- customer focused process development
- customer needs analysis
- systems and process performance monitoring
- planned and implemented staff training and development

Halgan Packaged Pump Stations

Packaged Pump Stations are used in a large range of applications where sewage or waste water needs pumping to/from mains connection or treatment systems. Both the size of the Pump Station and the Pump/or Pumps used, are specific to what they are pumping, and what application they are being used in. For assistance with this, please discuss with our highly trained sales and support staff.

Halgan Ecotec Undersink Pump Station

Halgan Ecotec Undersink Pump Unit is ideally used to pump waste water out of sinks.

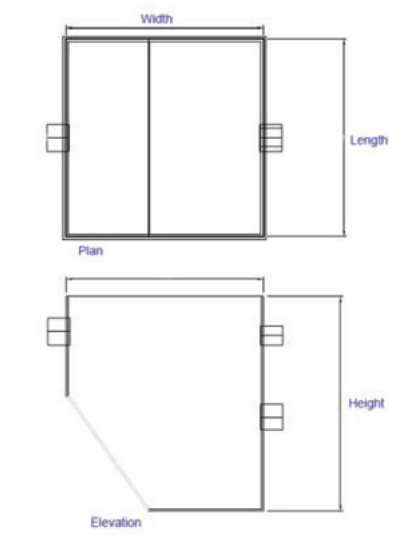
It is designed to fit under bench which reduces installation costs and ensures easy access for servicing.

Features

- Designed to fit under benches
- polyethylene and stainless steel
- Acid resistant
- Durable

Applications

- Kitchen sinks
- Dishwashers
- Floor wastes
- Industrial sinks



Code #	Description	Length (MM)	Height (MM)	Width (MM)	Weight (KG)
610081	Ecotec Undersink Pump Unit 80 litres	450	49	45	40

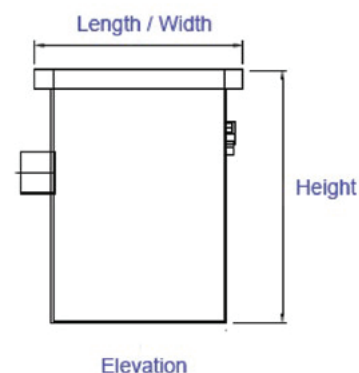
Halgan 130 Litre Pump Station

Features

- Compact – lightweight
- Easily transported
- Acid resistant
- Durable
- Above or below ground installation

Applications

- Trade waste drainage
- In conjunction with grease traps
- Caravan parks
- Sanitary drainage
- Construction sites
- Marina



Code #	Description	Length (MM)	Height (MM)	Width (MM)	Weight (KG)
610131	Pump Station Vessel 130 Litres Above Ground Class A Lid	470	650	470	20
610132	Pump Station Vessel 130 Litres Below Ground Class B Lid	470	650	470	50
610133	Pump Station Vessel 130 Litres Below Ground Class D Lid	470	650	470	62

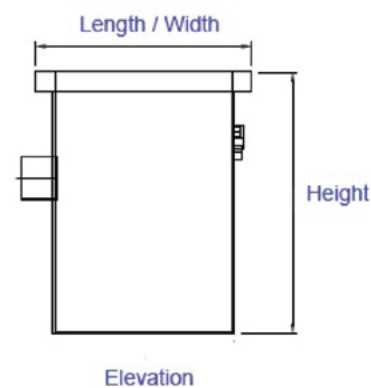
Halgan 300 Litre Pump Station

Features

- Compact – lightweight
- Easily transported
- Acid resistant
- Durable
- Above or below ground installation

Applications

- Trade waste drainage
- In conjunction with grease traps
- Sanitary drainage
- Condensate drainage
- Construction sites
- Marina



Code #	Description	Length (MM)	Height (MM)	Width (MM)	Weight (KG)
610301	Pump Station Vessel 300 Litres Above Ground Class A Lid	560	900	560	60
610302	Pump Station Vessel 300 Litres Below Ground Class B Lid	560	900	560	90
610303	Pump Station Vessel 300 Litres Below Ground Class D Lid	560	900	560	102

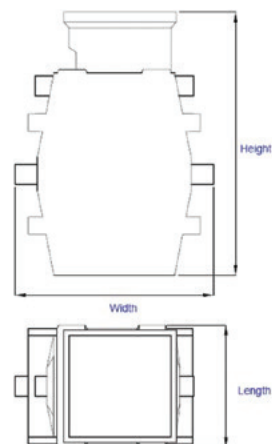
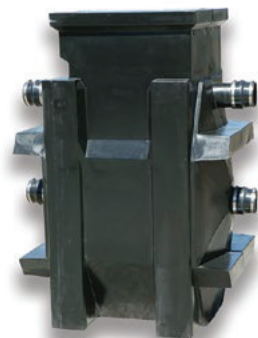
Halgan 800 Litre Pump Station

Features

- Compact – lightweight
- Easily transported
- Acid resistant
- Durable
- Above or below ground installation

Applications

- Trade waste drainage
- In conjunction with grease traps
- Sanitary drainage
- Condensate drainage
- Construction sites
- Marina



Code #	Description	Length (MM)	Height (MM)	Width (MM)	Weight (KG)
610801	Pump Station Vessel 800 Litres Above Ground Class A Lid	1120	1550	720	55
610802	Pump Station Vessel 800 Litres Below Ground Class B Lid	1120	1550	720	85
610803	Pump Station Vessel 800 Litres Below Ground Class D Lid	1120	1550	720	97

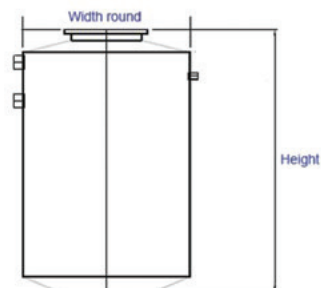
Halgan Pump Station

Features

- Round
- Acid resistant
- Durable
- Above or below ground installation

Applications

- Caravan parks
- Sanitary drainage
- Condensate drainage
- Construction sites
- Marina



Code #	Description	Length (MM)	Height (MM)	Width (MM)
651001	Pump Station Vessel 1050 Litres Above Ground Class A Lid	1070	1730	1070
651002	Pump Station Vessel 1050 Litres Below Ground Class B Lid	1070	1730	1070
651003	Pump Station Vessel 1050 Litres Below Ground Class D Lid	1070	1730	1070
652001	Pump Station Vessel 2000 Litres Above Ground Class A Lid	1480	1730	1480
652002	Pump Station Vessel 2000 Litres Below Ground Class B Lid	1480	1730	1480
652003	Pump Station Vessel 2000 Litres Below Ground Class D Lid	1480	1730	1480
653001	Pump Station Vessel 3000 Litres Above Ground Class A Lid	1480	2530	1480
653002	Pump Station Vessel 3000 Litres Below Ground Class B Lid	1480	2530	1480
653003	Pump Station Vessel 3000 Litres Below Ground Class D Lid	1480	2530	1480
656001	Pump Station Vessel 6000 Litres Above Ground Class A Lid	1950	2250	1950
656002	Pump Station Vessel 6000 Litres Below Ground Class B Lid	1950	2250	1950
656003	Pump Station Vessel 6000 Litres Below Ground Class D Lid	1950	2250	1950

Halgan Submersible Drainage Pumps

Halgan Drainage Pumps are used for drainage of liquids with small solids in suspension.

These tough performers are built to the highest standard to guarantee a lasting investment.

Special Features

- Electrical cable with an epoxy resin sealed water resistant cable base.
- Auto-cut thermal motor protector.
- Dual mechanical seals for increased protection.

Applications

- Drainage of rainwater collection devices, pumps sumps and cellars.
- Suitable for flood control with automatic or manual operation available.
- De-watering for fish ponds or basements.



Model	Discharge		Rated Power		Full load Amps		Solid Passage	Wiegth (kg)		Dimensions (mm)					
	mm	Inch	kW	HP	240 V (A)	415 V (A)		mm	1-240V	3-415V	A	B	C	D	
							1-240V							3-415V	
DP 50/11-04-V	50	2	0.4	0.5	2.9	~	7.5	12	11	225	~	161	349	~	
DP 50/15-075-V	50	2	0.75	1.0	5.0	1.9	10	17	15	245	~	173	428	428	
DP 50/29-22-C	50	2	2.2	3	14.4	4.8	10.5	38	32	280	242	216	572	493	
DP 80/21-15-C	80	3	1.5	2	9.8		10.5	37	32	385	245	216	575	495	
DP 80/25-22-C	80	3	2.2	3	14.4	4.8	10.5	39	33	385	245	216	757	495	
DP 100/20-22-C	100 (80)	4	2.2	3	14.4	4.8	10.5	44	39	442	245	216	575	495	

DP 100/20 when fitted with elbow has DN80 discharge

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Halgan Submersible Vortex Pumps

Halgan Vortex Pumps are the ideal solution for pumping liquids with soft or fibrous solids in suspension. From residential dwellings to demanding industrial processes, Halgan Vortex Pumps perform quietly and solidly every day.

Special Features

- Standard accessories included: cable with an epoxy resin sealed water resistant cable base, auto-cut thermal motor protector, dual mechanical seals and lip seal design.
- The VP 50/11-04-V is a practical pump, with an oil filled motor and single seal design (CA/CE).

Applications

- Drainage of sewage from building basement, hotel industry and wastewater from factories.
- Drainage and sewage from industrial process factories.
- Emptying of septic tanks, cesspit and sewage pump stations.
- Pumping surface and drainage water from garages and sprinkler systems.



Model	Discharge		Rated Power		Full load Amps		Solid Passage	Wieght (kg)		Dimensions (mm)					
	mm	Inch	kW	HP	240 V (A)	415 V (A)		mm	1-240V	3-415V	A	B	C	D	
							1-240V							3-415V	
VP 50/9-04-V	50	2	0.4	0.5	3.2	1.3	35	16	15	237	~	154	425	425	
VP 50/11-04-V	50	2	0.4	0.5	2.9	~	10	12	11	225	~	161	349	349	
VP 50/13-075-V	50	2	0.75	1	5.0	1.8	35	17	16	237	~	154	425	425	
VP 80/12-15-V	80	3	1.5	2	9.8	3.4	25	38	33	408	270	258	610	530	
VP 80/16-22-V	80	3	2.2	3	14.4	4.8	25	35	30	402	260	202	600	519	

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Halgan Submersible Grinder Pumps

Halgan Sewage Grinder Pumps are used in drainage applications of municipal, commercial and domestic sewage.

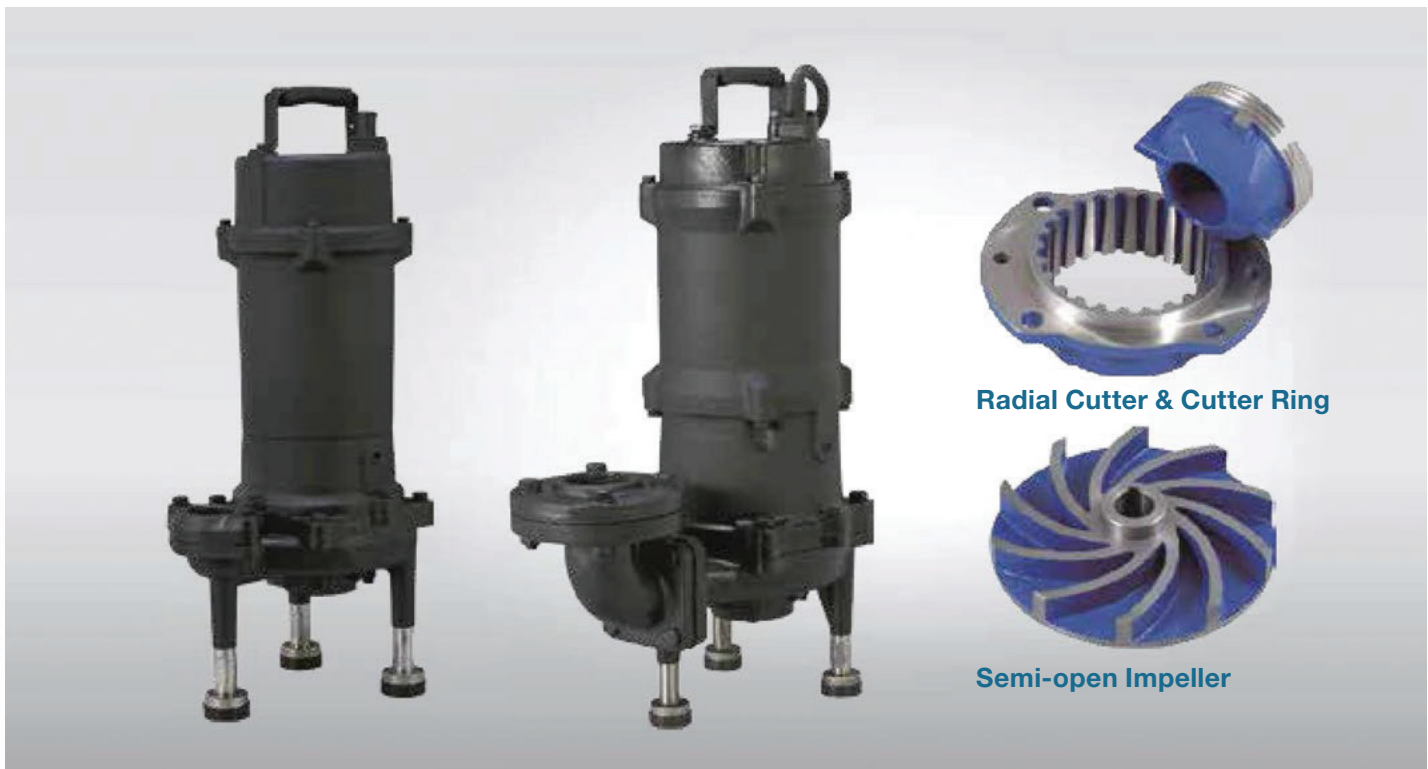
The efficient grinder mechanism provides an extremely powerful slicing action – the radial cutter and cutter ring dramatically reduces torque and kilowatt (horsepower) requirements, making it the most effective grinder pump available.

Special Features

- Heavy-duty grinder mechanism to provide reliability in difficult applications.
- Specific single phase design for starting torque, and its torque is five times stronger than standard capacitor pump.
- Single phase equipped with centrifugal switch and capacitor motor design.

Applications

- Used in pressure sewage system.
- Drainage of wastewater from individual residences, apartment buildings, recreational developments and motels.
- Transferring wastewater of commercial buildings, industrial plants, wastewater sampling and small hospitals.



Radial Cutter & Cutter Ring

Semi-open Impeller

Model	Discharge		Rated Power		Full load Amps		Solid Passage	Wieght (kg)		Dimensions (mm)					
	mm	Inch	kW	HP	240 V (A)	415 V (A)		mm	1-240V	3-415V	A	B	C	D	
							1-240V							3-415V	
GP 32/21-10-G	32	1.25	1.0	1.33	6.4	2.3	~	27	25	249	~	177	555	530	
GP 32/25-15-G	32	1.25	1.5	2	9.8	3.4	~	36	32	285	~	203	596	541	
GP 50/22-22-G	50	2	2.2	3	~	5.2	~	~	44	395	243	226	624	589	
GP 50/31-37-G	50	2	3.7	5	~	7.7	~	~	47	395	243	226	624	609	

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Halgan Submersible Cutter Sewage Pump

Sewage Cutter Pumps provide powerful and effective sewage disposal, for sewage and wastewater installations containing soft or fibrous solids that require shredding to prevent clogging in discharge pipework.

The tungsten carbide cutting blade maintains optimum cutting efficiency, and are proven performers.

Special Features

- Electrical cable with an epoxy resin sealed water resistant cable base.
- Auto-cut thermal motor protector.
- Dual mechanical seals for increased protection.

Applications

- Drainage of sewage from building basement, hotel industry and wastewater from factories.
- Suitable for industrial wash down applications with no chemical treatments.
- Emptying of septic tanks, cesspit and sewage pump stations.

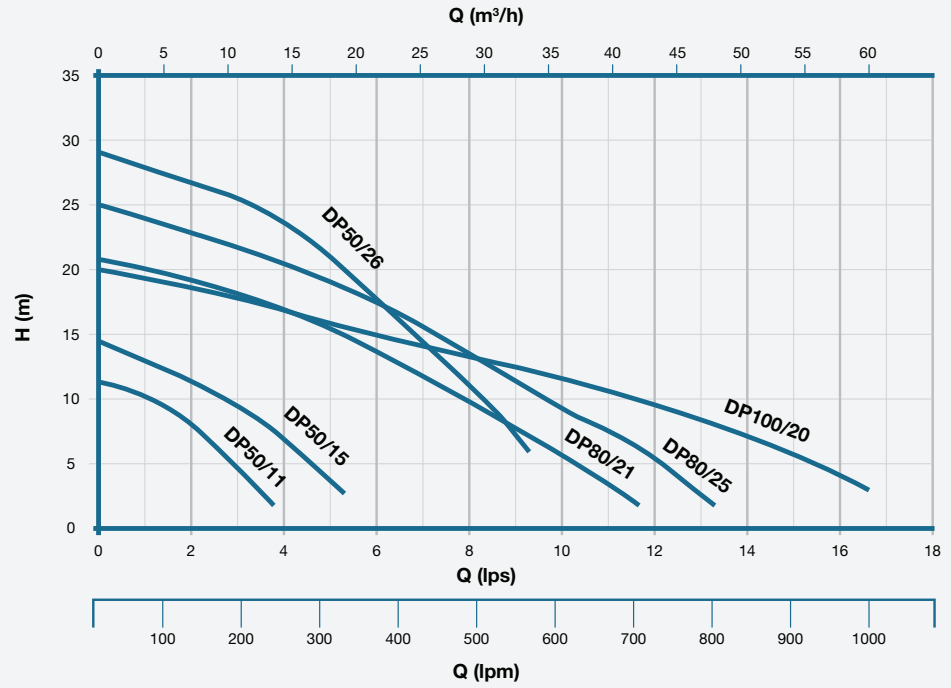


Model	Discharge		Rated Power		Full load Amps		Solid Passage	Wieght (kg)		Dimensions (mm)					
	mm	Inch	kW	HP	240 V (A)	415 V (A)		mm	1-240V	3-415V	A	B	C	D	
							1-240V							3-415V	
CSP 50/14-075-C	50	2	0.75	1.0	5.0	1.8	26	18	17	276	~	235	460	460	
CSP 80/17-15-C	80	3	1.50	2.0	9.8	3.4	32	38	34	408	270	235	610	530	
CSP 80/21-22-C	80	3	2.20	3.0	14.4	4.8	35	40	34	408	270	235	610	530	

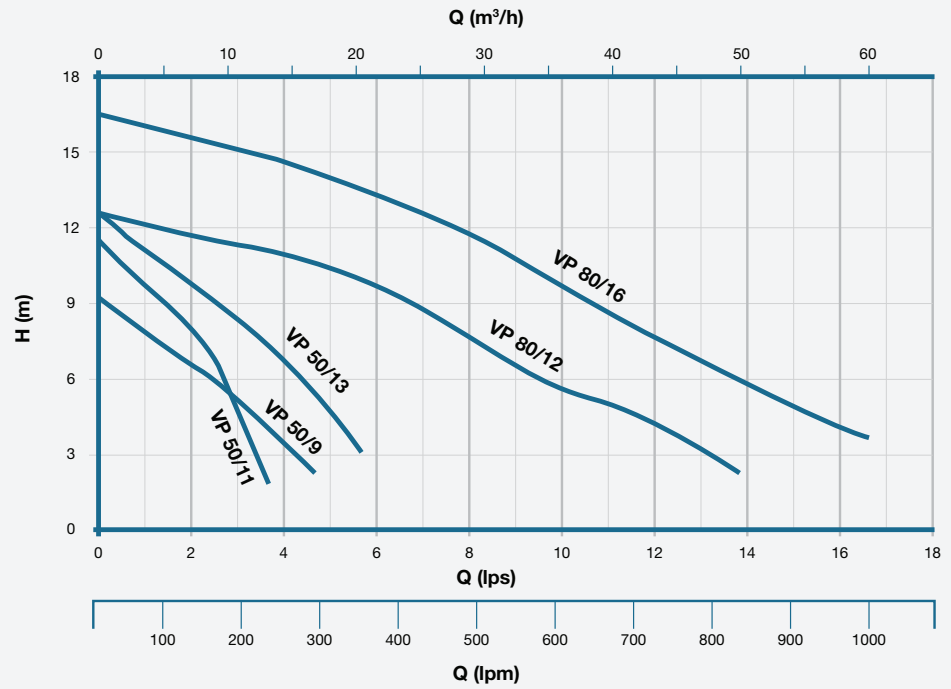
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Technical Data

Halgan Submersible Drainage Pumps

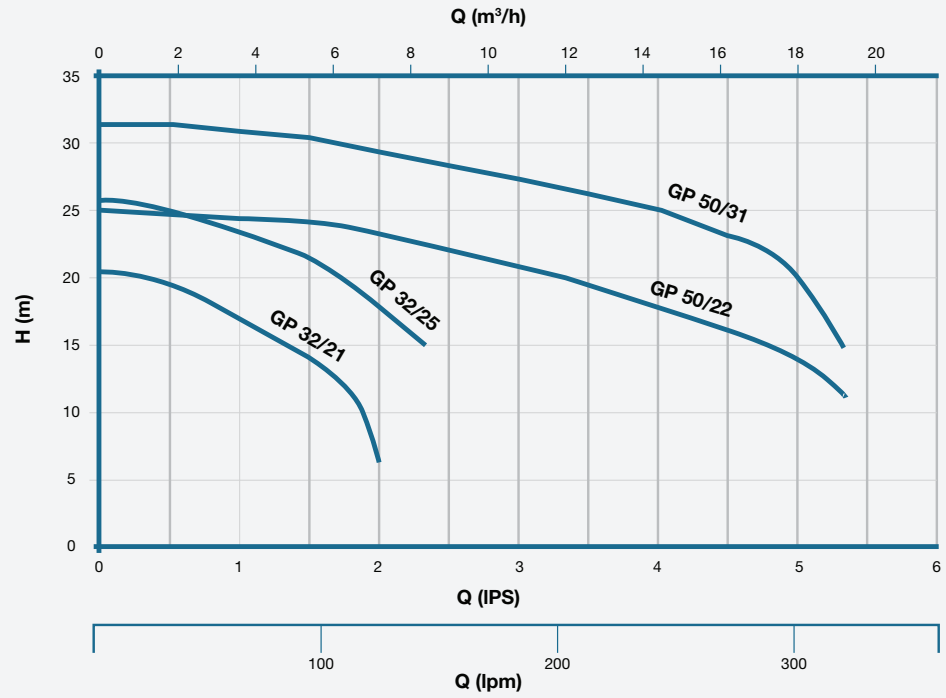


Halgan Submersible Vortex Pumps

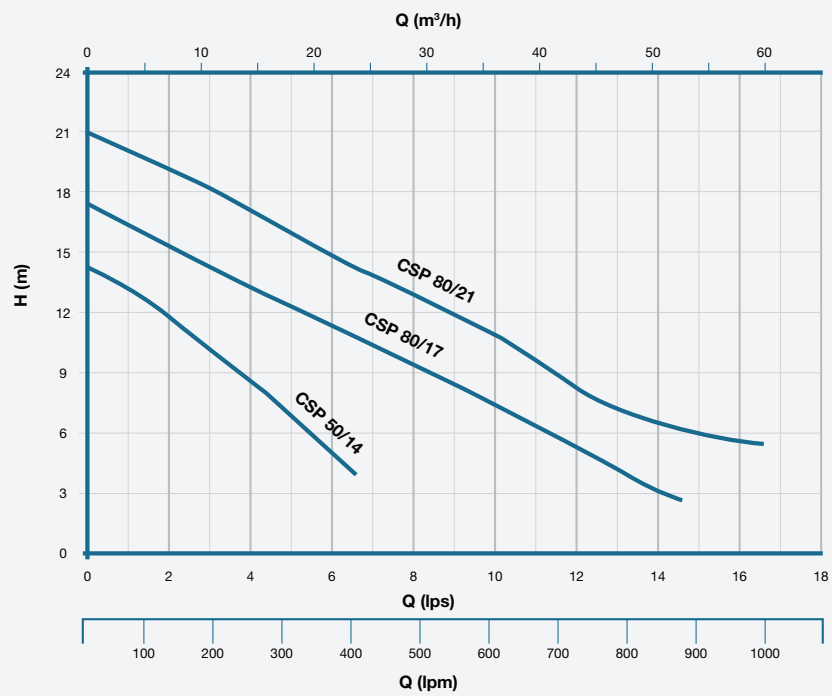


Technical Data

Halgan Submersible Grinder Pumps



Halgan Submersible Cutter Sewage Pumps





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