

High volume drainer 'D' pump

Pump end specification

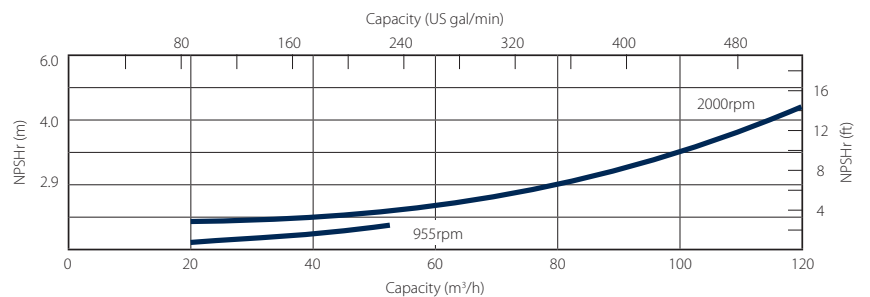
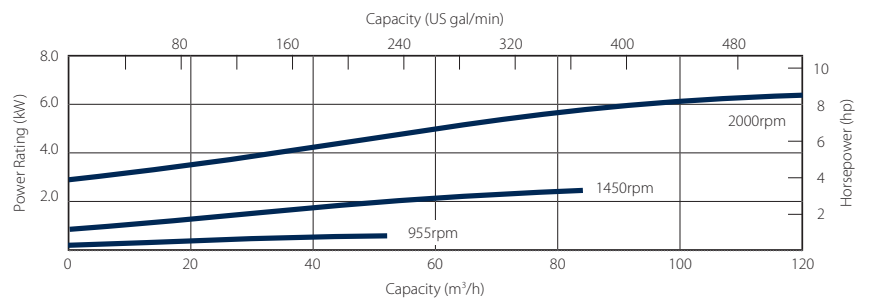
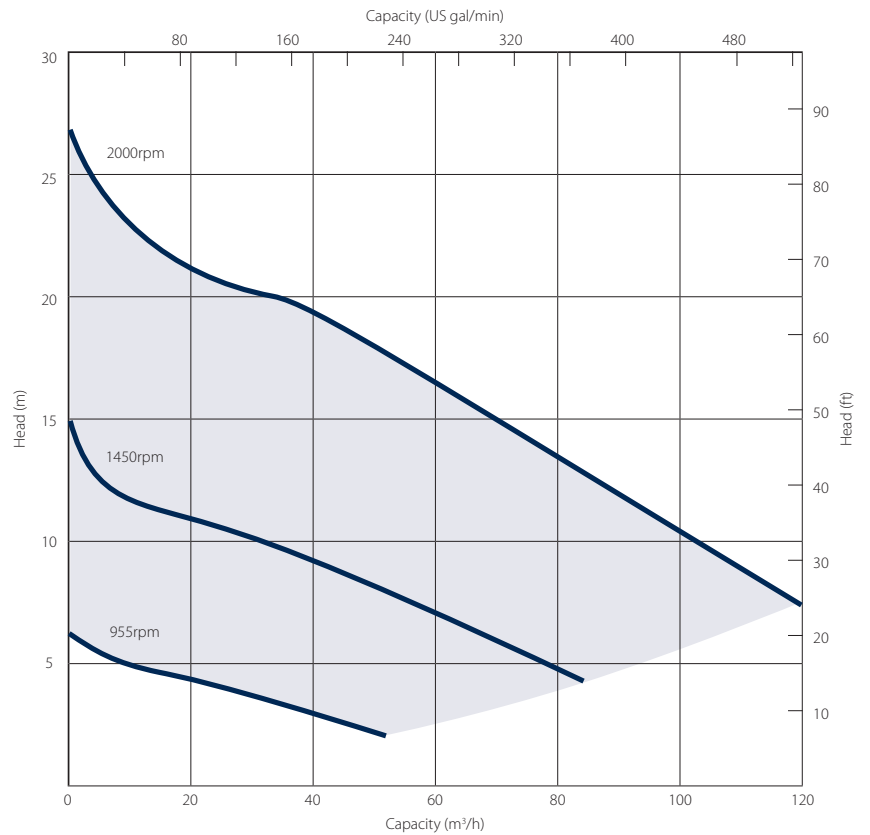
	Metric	US
Capacity	120 m ³ /h	528 gpm
Total Head	27 m	88 ft
Max. Solids Size	29 mm	1.7 in
Self Priming Lift	8.8 m	29 ft
Air Handling	24 l/s	50 cfm
Selprime® Absorbs	0.9 kW	1.2 hp
Power Required	7 kW	9 hp
Pump Speed Max.	2000	2000
Impeller Type	Drainer	Drainer
Impeller Blades	3	3
Impeller Diameter	192 mm	9.45 in
Inlet Port	DN 100 PN6	4 PN6
Outlet Port	DN 100 PN6	4 PN6

Priming method - Selprime®

The unique original Selwood self priming system utilising a water tolerant diaphragm air pump. An environmentally friendly design that has none of the problems of oil vapour emissions and oil emulsification associated with other priming systems.

Pump end materials

Pump Casing	Grey Iron BSEN 1561 Grade EN-GJL-250
Impeller	Cast Iron BSEN 1563 Grade EN-GJS-450-10
Wear Plates	Cast Iron BSEN 1563 Grade EN-GJS-600-3
Shaft	Steel BS En 10277 Grade C40+C
NRV Body	Grey Iron BSEN 156 Grade EN-GJL-250
Mechanical Seal	Ceramic / Sealide
Pump End Bearing	Ball
Drive End Bearing	Cylindrical Roller



Please note: The above curves cover the complete range and ability of the pump unit. Actual performance will be subject to the engine / motor indicated overleaf and medium pumped.

High volume drainer 'D' pump build

Our 'D Pumps' offer high efficiency centrifugal pumps for high-volume fluid transfer.

These highly efficient SelPrime® pumps offer emission compliant engines, are easy to operate and maintain and have a robust construction.

These D100Eco5 units have a larger air pump to reduce priming time.

Perfect for use with

- water – clean, with fine or larger solids
- screened sewage

Reducing environmental impact

We are committed to reducing our environmental impact by producing the most efficient equipment we can.

All Selwood Eco5 pumps can run on hydrotreated vegetable oil (HVO) fuel as an alternative to diesel.

Super Silent units include:-

- Quietest pumps on the market – EU directive 2000/14/EC
- Improved canopy design
- Auto stop/start control
- Oil drain kit
- Bulk fuel kit
- Remote pump monitoring



Standard build	Super Silent Eco5		Fast Tow S/S Eco5	
	Metric	US	Metric	US
Length	198 cm	78 in	337 cm	133 in
Width	132 cm	52 in	159 cm	63 in
Height	168 cm	66 in	205 cm	81 in
Dry Weight	1100 kg	2425 lb	1345 kg	2965 lb
Gross Weight	1205 kg	2657 lb	1450 kg	3196 lb
Sound Power	86 LWA		86 LWA	
Sound Pressure @ 1m (3ft)	75 db(A)		75 db(A)	
Sound Pressure @ 7m (23ft)	58 db(A)		58 db(A)	
Engine	Isuzu 3CA1		Isuzu 3CA1	
Emission Rating	Stage V	Tier 4	Stage V	Tier 4
Engine / Motor Speed - Max	2000 rpm		2000 rpm	
Engine / Motor Speed - Min	955 rpm		955 rpm	
Fuel Tank Capacity.*	120 lt	31.7 US gal	120 lt	31.7 US gal
BEP - Fuel Consumption	1.5 lt/hr	0.32 US gal/hr	1.5 lt/hr	0.32 US gal/hr

* Fuel tank capacity can be increased with the addition of an auxiliary fuel tank.

Installation drawings are available upon request.

Remote Pump Monitoring

Selwood SelWatch®

- Cloud based information management telemetry system
- Monitor pump & engine conditions via Canbus module which links the engine and ECU
- Ability to measure a multitude of pump & engine conditions including:-
 - Discharge & suction pressure
 - Engine speed
 - Fuel conditions
 - Engine temperature

Please note: SelWatch may not be available in all territories. Contact your local Selwood Sales Manager or Distributor for details.

Optional extras

- Training
- Genuine parts kits
- Valves / Fittings
- Pump accessories
- Tanks & filtration
- Pipe stoppers
- Hose / pipework