

High Flow Drainer Pump



Features

- High flow & high efficiency
- Exceptional air handling
- Indefinite dry running
- Selprime automatic self priming
- Environmentally friendly
- Emission compliant engines
- Ease of operation & maintenance
- Robust construction

Options

- Super Silent canopy
- lockable and fully bunded
- Site chassis
- Skid chassis
- Static chassis
- Auto stop-start controls
- Telemetry systems
- Oil drain kit
- Auxiliary fuel connection
- Chalwyn valve spark arrester

Accessories

- Hoses
- Strainers
- Couplings & adaptors
- Fuel bowsers & cubes
- Settlement tanks
- Drip tray & bunds
- Recommended spares kits

Applications

- Wellpoint dewatering
- Stockpile dewatering
- Clean water
- Water with fine solids
- Water with larger solids

Industries

- Quarry & mining
- Construction & civil engineering
- Water & waste water
- Municipality
- Rental
- Ground stabilisation and piling
- Industrial
- Pollution control

Specification

Capacity	m ³ /h	275
Delivery Head	m	21
Max. Solids Size	mm	45
Self Priming Lift	m	8.8
Air Handling	l/s	48
Selprime [®] Absorbs	kW	4.4
Power Required	kW	12
Pump Speed Max.	rpm	1500
Pump Speed Min.	rpm	TBA
Impeller Type		Drainer
Impeller Blades		3
Impeller Dia.	mm	255
Inlet Port	mm	150
Outlet Port	mm	150
Fuel Tank Capacity*	ltrs	105 site 105 skid 219 Super Silent
Fuel Consumption BEP	lt/hr	TBA

* Fuel tank capacity can be increased with the addition of a fuel bower or cube.
TBA - To be advised.

Priming Method



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 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-450-10
Shaft	Steel BS10277 Grade C40+C
NRV Body	Grey Iron BSEN 1561 Grade EN-GJS-250
Mechanical Seal	Silicon Carbide v Silicon Carbide
Pump End Bearing	Taper Roller
Drive End Bearing	Taper Roller

Prime Movers

Engine Options	Deutz 2011L03i Perkins 404-22
Electric motors available	

Weights & Measures

4 Wheel Site	Length	268 cm
	Width	120 cm
	Height	144 cm
	Dry Weight	910 kg
Super Silent Canopy	Length	240 cm
	Width	149 cm
	Height	173 cm
	Dry Weight	1570 kg
	db(A)@ 7m LWA	59 TBA

* Open sets exclude fittings

Specifications and illustrations are subject to revision without notice.

Selwood D150WP Performance Curve Clean Cold Water s.g 1.0

