



THE WALLACE IN-GROUND “1500” PACKAGED PUMP STATION

The Wallace In-ground “1500” is specifically designed for domestic applications where a dwelling is below the conventional council sewer line and a 24 hour storage requirement is necessary.

COLLECTION CHAMBER:

A Polyethylene high strength NZ designed and manufactured in ground waste water in ground chamber for all types of ground conditions and rated to 2.1 SG soil loading (wet clay). The chambers are certified to both AS/NZS 4766 – Polyethylene storage tanks for wastewater and chemicals and AS/NZS 1546.1 – on site domestic wastewater treatment facilities.

The geometric shape allows for maximum strength under compression while also offering the advantage of anti-floatation for wet areas.

Connection for pipes:

The collection tank is supplied and installed with an external 100mm PVC waste pipe connection for a common waste pipe gravity falling into the chamber from the dwelling. The selected submersible is piped in 50mm PVC discharge pipe that has a Mac union for easy removal and passes through the tank wall for extra support.

A 50mm PVC isolating and non-return valve are supplied these are to be fitted outside the chamber by the installer.

Connection for cables:

An electrical junction box is installed on the top of the tank where the power cable for the pump and the high level alarm float switch are terminated.

OPTION ONE: WALLACE IN-GROUND “1500” / W-750SK

The Scope of Supply includes the following;

Tank:

Volume: 1550 litres
 Dimensions: 2.150 metres high x 1.42 metres at the largest diameter
 Inspection Hatch: 0.29 metre diameter screwed and sealed slid
 Total Weight: 180 kg

Pump:

Type: Wallace W-750 SK submersible grinder pump
 Motor Rating: 0.75 kW, 230 volt, 7.0 amps
 Weight: 26 kg
 Maximum Head: 8 metres **including sump depth**

Alarm:

Type: High level with audio/visual display; float activated

Pipe Fittings:

Inlet: 100mm PVC class D waste pipe with inspection hatch
 Discharge: 50mm PVC class D waste pipe
 Valves: 50mm PVC non-return and isolating valves

OPTION TWO: WALLACE IN-GROUND “1500” / W-1500SC

The Scope of Supply includes the following;

Tank:

Volume: 1550 litres
 Dimensions: 2.150 metres high x 1.18 metres at the largest diameter
 Inspection Hatch: 0.29 metre diameter screwed and sealed slid

Weight:	160 kg
<u>Pump:</u>	
Type:	Wallace W-1500 SC submersible grinder pump
Motor Rating:	1.5 kW, 230 volt 13 amps
Weight:	37 kg
Maximum Head:	18 metres <u>including sump depth</u>
<u>Alarm:</u>	
Type:	High level with audio/visual display; float activated
<u>Pipe Fittings:</u>	
Inlet:	100mm PVC class D waste pipe with inspection hatch
Discharge:	50mm PVC class D waste pipe
Valves:	50mm PVC non-return and isolating valves

OPTION THREE: WALLACE IN-GROUND "1500" / GRP26 WA special

The Scope of Supply includes the following;

Tank:

Volume:	1550 litres
Dimensions:	2.150 metres high x 1.42 metres at the largest diameter
Inspection Hatch:	0.29 metre diameter screwed and sealed slid

Pump:

Type:	Homa GRP26WA submersible cutter/grinder pump
Motor Rating:	1.8 kW, 230 volt, 11.5 amps
Weight:	33 kg
Maximum Head:	28 metres <u>including sump depth</u>

Alarm:

Type:	High level with audio/visual display; float activated
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Pipe Fittings:

Inlet:	100mm PVC class D waste pipe with inspection hatch
Discharge:	50mm PVC class D waste pipe
Valves:	50mm PVC non-return and isolating valves

