



envirowash

NV1612 EnviroWash Specification

Load Capacity	2000 Kg	
Turntable Diameter	1600 mm	
Turntable Rotation	Gearmotor driven @ 4 RPM	
Door Open	Manual	
Pump Type	Westate LO753V 5.5Kw 415V	
Pump Pressure	420 kpa	
Pump Seals	Viton Ceramic Type N21	
Elements	3 x 4.8 Kw 415V 1" BSP	
Thermostat	Capillary Type	
Operating Temperature	60 - 90 Degrees Celsius	
Electrical Connection	32 Amp 415V	
Tank Capacity	400 Litres	
Dimensions	Height	2250 mm
	Depth (Door Closed)	2400 mm
	Depth(Door Open 90 Deg)	3100 mm
	Width (Door Closed)	2550 mm
	Width (Door Open)	3400 mm
	Loading Height	800 mm
Height Under Spray Bar	1200 mm	
Cabinet Fully Insulated	Styrofoam 20mm	
Cabinet Construction	Full SHS Frame with 3mm Steel Liner	

Door Construction	Full SHS Frame with 2mm Steel Liner
Cladding	1mm Galvanised Sheet & 1.6mm Brightform Steel
Insulation	12mm & 20mm Styrene
Manifold Flush	Manual 2 x 20 NB Ball Valves
Strainer Baskets	1 x Full Flow 2mm Perforated Sheet
Pump Suction Strainer	1 x 150mm Weir Type with 3mm Strainer
Chemical Tank Access	2 x Removable Covers Internally
Door Latch	Over Centre Latch
Turtable Sides	75 x 5 mm Plate 25mm High
Turtable Floor	25 x 6.3 mm High Tensile Woven Wire Mesh
Turtable Spider	100x10m Laser Profiled
Manifold Diameter	40 mm
Manifold Jets	42 x 3 mm
Hinges	2 x Non-Greasable Teflon Bushed
Door to Cabinet Seal	Nitrile Rubber
Cabinet Vent	Rear Mounted Tube Type for Optional External Connection
Electric Enclosure	Right Hand Panel Mounted
Electric Controls	On Electrical Enclosure
Electric Wiring	V90 Rated, Fully Concealed Behind Cladding
Elements & Thermostat	R.H. Side Mount
Element Material	Incalloy 825
Thermostat	3 Degrees Sensitivity Capillary Type
Chemical Tank Drain	Auto Pump Out vis 3 Way 40 mm Ball Valve Plus 40 mm Plug in Pump Suction Sump
Weight	1800 Kg
Shipping Weight	1900 Kg
Shipping Dimensions (LBH)	2700 x 2700 x 2250 mm

FEATURES

- Australian designed and built in an ISO9001 certified facility
- All components are local supply items, spare parts are shipped within 24 hrs of order
- Ease of service and maintenance are primary design goals in all our products
- Complies with CE, Australian Workcover and electricity authority requirements

- Heavy duty construction, 3D Autocad designed, frame structure fully stress tested
- Fully insulated tank and cabinet results in reduced energy consumption
- No need to pre-clean parts
- The rotating turntable is cabinet mounted, and is 60% accessible when the door is opened, for ease of loading and unloading
- Automatic pump-out to waste for disposal of the dirty water during servicing, by simply opening a valve and selecting the pump-out option on the control panel. The 400 litre tank of an NV1612 can be pumped to waste through 30 metres of 19mm hose in approximately four minutes.
- The turntable is mechanically driven with an electric gear-motor at a constant 4 RPM. This allows the water previously used to drive the basket to increase both the size & number of spray jets by 50%. This feature eliminates the possibility of the turntable over-speeding and the resultant damage to the machine or its operator.
- An electronic water level control maintains the water at the optimum level automatically. This level control also acts as an element protection device in the event that the water level falls below the low level probe
- Purpose-built spray nozzles are built in-house to maximise cleaning efficiency
- A spray manifold flushing system allows cleaning of the spray nozzles, and flushing of the spray bar in 2 – 3 minutes.
- A 5.5 kW Westate chemical pump, with optimised manifolding is used to deliver 350 litres/minute at 450 kpa on 50Hz power and 500 kpa on 60Hz power, giving outstanding cleaning performance
- The operating temperature can be selected up to 90 degrees Celsius to help maximise cleaning performance
- Two easy-clean return-flow strainers remove particles from the chemical down to 2mm, consequently blockages of the 3mm spray nozzles are almost eliminated
- The pump suction is protected by a weir and strainer to prevent debris ingress
- The upper and lower door hinge bearings are non-greasable and designed for long life
- A heavy-duty turntable hub and stub support the turntable from the machine chassis and are designed with a comfortable margin of strength in hand. The turntable is retained by one bolt only for speedy removal, and is lifted by means of an eye bolt screwed into the turntable hub.
- The pump seals can be accessed for replacement without removing the pump from the machine
- The turntable hub and stub can be removed as a unit for servicing or exchange.

Delivery Time Period for NV 1612: 8 Weeks from Deposit Approximately

Send your query through our website, www.enviroconcept.com.au or call +61 7 5535 9000