



envirowash

NV2021 EnviroWash Specification

Load Capacity	2000 Kg
Turntable Diameter	2000 mm
Turntable Rotation	.5 Kw Gearmotor Driven @ 4 RPM
Door Open	Manual with Over Centre Latch
Pump Type	2 x Westate LO753V 5.5Kw 415V
Pump Pressure	420 kpa
Pump Seals	Viton Ceramic Type N21
Elements	2 x 14.4 Kw 415V 2" BSP
Thermostat	Capillary Type
Operating Temperature	60 - 90 Degrees Celsius
Electrical Connection	50 Amp 415V
Tank Capacity	800 Litres
Water Top Up	Stainless Probes Controlling Level Sensor and 19 mm Solenoid Valve. Power to Heating Elements. Pumps Cut Out When the Water Level Falls Below the Probe.
Dimensions	Height
	3250 mm
	Depth (Door Closed)
	3100 mm
	Depth(Door Open 90 Deg)
	4000 mm
	Width (Door Closed)
	3200 mm
	Width (Door Open 90 Deg)
	4200 mm

Loading Height	920 mm
Height Under Spray Bar	1300mm & 2100mm. In Order to Change Quickly Between Load Heights, the Lower Bar is Hinged and Selector Valve is Thrown to Divert Water to Alternate Bar.
Cabinet Fully Insulated	Styrofoam 25mm
Weight of Machine	3000 Kg (Estimate)
Cabinet Construction	Full SHS Frame with 3mm Steel Liner
Door Construction	Full SHS Frame with 2mm Steel Liner
Spray Bar Flush	Manual 3 x 20 NB Ball Valves
Strainer Baskets	1 s Full Flow 2 mm Perforated Sheet
Pump Suction Strainer	150mm Weir Type with 3mm Strainer
Chemical Tank Access	2 x Removable Covers Internally, Turntable Must Be Removed to Access Tank.
Door Latch	Over Centre Latch with Optional Electric Safety Lock
Turntable Sides	100 x 5 mm Plate 25mm Above Mesh
Turntable Floor	25 x 6.3 mm High Tensile Woven Wire Mesh
Turntable Spider	130 tapered to 100x10m Laser Profiled
Spray Bar Diameter	50 mm
Spray Bar Jets	78 x 3 mm
Hinges	2 x Non-Greasable
Door to Cabinet Seal	Rubber
Cabinet Vent	Two Top Mounted Vents for External Connection
Electric Enclosure	Right Hand Panel Mounted
Electric Controls	On Electrical Enclosure
Elements & Thermostat	R.H. Side Mount
Element Material	Incalloy 800
Thermostat	3 Degrees Sensitivity Capillary Type
Chemical Tank Drain	Auto Pump Out vis 2 Way 50 mm Ball Valve
Additional Supply	Exhaust Fan and Ventilation Duct if Required, Power and Water Connection

FEATURES

- Australian designed and built
- All components are local supply items
- Ease of service and maintenance are primary design goals in all our products
- Complies with local 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 platform is cabinet mounted and 60% accessible when the door is opened
- By opening a valve and selecting pump-out on the control panel, it pumps out dirty water for waste disposal during servicing. The 400 litre tank of the NV2021 30 metres of 19mm hose in to pump out waste in approximately four minutes.
- The turntable is mechanically driven with an electric gear-motor at a constant 4 RPM. This allows water to increase both in size & number of spray jets by 50%. This feature eliminates the possibility of the turntable over-speeding and damaging the machine or the 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 lower probe
- Purpose-built spray nozzles are manufactured in-house to maximise cleaning efficiency
- A spray manifold flushing system allows cleaning of the manifold nozzles, and flushing of the spray bar in 2 – 3 minutes.
- Two 5.5 kW Westate chemical pumps, with optimised manifolding, are used to deliver 700 litres/minute at 450 kpa, 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 2021: 8 Weeks from Deposit Approximately. **Send your query through our website, www.enviroconcept.com.au or call +61 7 5535 9000**