

# RHINO



THE BRITISH MADE RHINO HEAVY DUTY WATER FOUNTAIN WON'T LET YOU DOWN!



- Double normal thickness 1.5mm casing in 304 brushed stainless steel.
- Can be supplied in 316L marine quality S/S or any RAL colour.
- Ideal for internal / external use.
- Direct chill cooling system
- Remote chiller available for external fountains.
- Security S/S Allen set screws used to limit easy access - reducing possible vandalism.
- 316L Heavy Duty Cone bubbler and Glass filler with 5 YEAR warranty against VANDAL damage.
- Wall and floor fixings provided.
- All water contact parts made from WRAS approved materials.

**R**hino has been designed to withstand very heavy wear and tear. The extra thick 1.5mm stainless steel single panel construction will help to reduce damage from vandalism. The VANDAL PROOF self closing push button Glass Filler is warranted against damage, and as it cannot swivel, will greatly reduce the chances of flooding.

The new Cone Bubbler removes any chances of cross contamination from users mouths.

The twin tap model comes with two heavy duty push type auto shut off sport bottle fillers.



# RHINO

## Specifications

### DETAILS OF THE TOUGHEST WATER FOUNTAIN

#### Standard, Junior, Freestanding



#### OPTIONAL - Refrigeration and Water Circuit

Direct chill system with copper and LLDPE tubing. The chilling system is of a modular design which can be removed without affecting the casing. This allows for easier repairs, and the RHINO can still be used in the rare case that the chiller needs to return to the factory for repair.

**Refrigerant gas:** R134a

**Chill capacity:** 35 litres per hour @ 20°C ambient water and air temperature, with 10°C water outlet temperature.

**Thermostat:** Adjustable temperature via internally adjustable thermostat.

**Heat exchanger:** Manufactured from heavy gauge seamless copper tubing arranged in two parallel circuits (one for water & one for refrigerant), thermally bonded for efficient heat transfer.

**Compressor:** Hermetic type incorporating electrical overload protection, operating on non-ozone depleting.

**Condenser fan motor:** Shaded pole motor driving an aluminium fan blade for condenser cooling.

**Condenser:** Air cooled aluminium fin on copper tube coil block.

#### Vandal Proof and Anti Cross-Contamination Dispensing Cone Bubbler

Heavy duty 316L Stainless Steel dispense head designed so that the water outlet does not come in to contact with any casing, and the outlet cannot be reached by a mouth of anybody taking a drink.

When installed outside, the Cone protects the water outlet from bird deposits and other wild animals. This greatly reduces any cross-contamination normal with most other bubblers found on the market.

The water supply is run through LLDPE WRAS approved tubing inside the dispense spout. Should there be an incident of contamination, the flexible tubing can be quickly and cheaply replaced with new LLDPE tubing. The 316L stainless steel cone will withstand most rough handling.



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##### Vandal Proof Glass Filler Faucet

The new Heavy Duty 316L Stainless Steel Vandal Proof glass filler has LLDPE flexible tubing running through it for extra protection against cross-contamination. The end of the tube ends inside the spout greatly reducing the chance of contamination from users putting their mouth over the end of the spout.

The faucet uses a remote button valve assembly as the Cone bubbler, to reduce the chance of damage.

Tests have been carried out using two John Deere tractors weighing a total of 32 tons. The 20 tonne tractor was able to pull the 12 tonne tractor using two Rhino Vandal Proof spouts linked together. There was no damage to the spouts.

##### Flow Regulator

Situated in the line between the chiller and the Cone bubbler / glass filler, the regulator will control the throw of water from the Cone bubbler and keep it at the same throw regardless of fluctuations in the mains water supply, from between 0.5 and 9.0 bar.

Only those with the correct sized Allen key can access the inside to adjust the flow. This prevents possible unauthorised adjustment causing flooding as is possible with most other types of water fountain available on the market today.

##### Vandal Proof Sink Top

A 1.2mm thick one piece stainless steel satin polished basin, is fitted to the main Rhino case with four dome headed stainless Allen set screws. This is practically double the thickness of any sink on any other machine available on the market today.

We do not use self tapping screws which are easily undone, we engineer to fit!

##### Remote Push Button

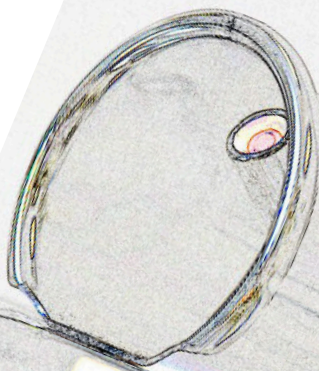
The remote push button control, has the locking ring fixed in place with WRAS approved Locking fluid. This prevents the ring and cap from being constantly removed and lost. Adjustment is pre-determined at the manufacturing stage, and any site adjustment is done via the internal flow regulator.

Extra heavy duty Side Mounted push button Sports Bottle fillers can be supplied on the Twin Tap version. Heavy duty chrome plated tap with strong double seals to stop drips, is designed to withstand anybody trying to climb or stand on the Rhino.

Rhino is available with just a Cone bubbler, or with the addition of our Vandal Proof glass filler, and either single or twin side taps.

##### Water Plumbing

Inlet: Food quality plastic tubing refrigeration grade with JOHN GUEST 'Speedfit' fittings (WARS/Wrc approved)



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##### Water Inlet Connection

½ BSPF connector.

##### Water Pressure

Maximum pressure: 8.5 Bar (125 Psi)

##### Rhino Casing

A one piece high grade 1.5mm 304 stainless steel case, makes the Rhino water fountain virtually indestructable.

Integral side-mounted ventilation, no cost optional removal side blanking plates for waste away and mains inlet, engineered threaded mounting holes.

Brush finish stainless steel. Or at an extra cost, the optional 316L stainless or powder coated in any colour in the RAL catalogue and baked on.

##### Waste Water Connection

A up stand p-trap is supplied with every Rhino. A 1½ BSPM outlet for connecting to waste pipe either through the back of the machine and into the wall, or via side holes to a suitable drainage point.

##### Sink Top Fixings

Dome headed Allen key set screws are used for the Rhino. We don't use self tapping screws as these can easily be unscrewed with a pen knife!



##### Mounting Brackets

Two 2.5mm stainless steel wall mounting brackets are supplied with four off 80 x 8mm Rawl type fixing studs.

For BREEAM installations, a third bracket is supplied with two off 60 x 8mm countersunk anchor bolts. The bracket slides through the case and over the base plate. This enables the bracket to be removed easily if the Rhino needs to be removed from the wall for maintenance.

These fixings provide an extra strong means of securing the Rhino to the wall and floor.

For Freestanding Rhinos, a kit of eight floor fixing bolts is supplied, and fixings for floor mains inlet and waste outlets can be provided to.

The Rhino is mounted direct to the wall with no side gaps. Multi holes are provided to allow for the best fixing against the wall. The brackets can be fitted horizontally, but for a neater look, we recommend vertical fitting so they appear invisible. These brackets help the Rhino to comply with BREEAM requirements.



# RHINO Specifications

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### Dimensions (sizes in mm)

	Height to Sink Top	Height to Cone Bubbler	Height to VP Glass Filler	Width	Depth	Width with Side Taps
<b>STANDARD</b>	960	1055	1220	320	320	540
<b>JUNIOR</b>	710	795	960	320	320	540

### Packed Dimensions (sizes in mm)

	Width	Depth	Height	Weight (Kg)
<b>STANDARD</b>	360	360	1270	33
<b>JUNIOR</b>	360	360	1040	32

### Electrical Details

240 volt, 50 Hz, 180 watts



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### Testing

All Rhino water fountains are factory tested at the time of manufacture. The water circuits are tested and prepared using standard plumbing fittings and connections.



### Accessories

## DETAILS OF THE TOUGHEST WATER FOUNTAIN

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### Anti Frost System

An extra cost option is our frost free system. This is available to protect the chiller and internal tubing, and the glass filler and cone bubbler from freezing temperatures down to -15°C

A more basic internal heating system is also available to protect against normal frost conditions down to freezing 0°C.



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