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Manufactured by  
Razer Industries

## Product Information Sheet

### Water Control Manifold

#### Function

To control and filter the water for Spray Pole Belt Cleaners and Razer Spray Bars.

- > Controlling the On/Off condition of sprays relative to belt operation.
- > Controlling the water pressure.
- > Filtering the water to keep the sprays clear.

#### Advantages

- > Razer Industries is 100% Australian owned and operated company.
- > The Razer Industries Control Manifold is completely modular allowing for the maintenance of all components even while the water and the conveyor are running.
- > The unit can be supplied with a Solenoid to match any site electrical requirements.
- > The built in pressure regulator controls water flow rates and pressure.
- > The Water Filtration is down to 150 micron particle size.
- > Is easily connected into the conveyor operating system so that water is applied only when belts are running. Can also be connected through weightometers so that water is applied only when the conveyor is loading.



#### Applications

- > Significantly improves belt cleaner efficiency.
- > Control of water in dust suppression for chutes, transfers and along the run of the conveyor.
- > Control of water when tail spraying the conveyor belt before the loading of product.



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## Water Control Boards

### Water Control Boards

Part No.	Description	Wt Kg's
RWB	Standard In Line Water Control Board	11.88
RWB-BP	Water Control Board with By-Pass System	14.52

Please note:

- > Site Electrical Requirements MUST be noted on all orders for the provision of correct Solenoid.



### Water Control Boards - Spare Parts

Part No.	Description	Wt Kg's
RWC-Sole	Solenoid (Voltage to be nominated)	1.44
RWC-PreRed	Pressure Reducer	1.19
RWC-PreGag	Pressure Gauge	0.20
RWC-Wf	Water Filter (Cartridge Not Included)	1.78
RWC-Wfc	Water Filter Cartridge Fabric	0.11
RWC-Wfc1	Water Filter Cartridge Stainless Steel	0.25
RWC-BP	Stainless Backing Plate	6.91

Please note:

- > All prices exclude GST.
- > Prices are FOT Warners Bay NSW Australia.
- > Alternative finishes are available by request.





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## Product Information Sheet

### Spray Bars

#### Function

To apply a spray mist to conveyors and chutes for belt cleaning performance improvement and for dust suppression.

- > Applies water to the belt in an overlapping spray pattern.
- > Spray sizes can be installed which limit the volume of water applied. Generally, approximately 2 litres/minute/spray.



#### Advantages

- > Razer Industries is 100% Australian owned and operated company.
- > Turns a dry belt cleaning system into a wet system at minimal cost.
- > Can be installed at any position on the conveyor.
- > Can be installed in front of conventional cleaners to create effective wet belt cleaning system.
- > Easily maintained without disturbing the adjustment of belt cleaners.
- > Sprays are less subject to blockage than with conventional cleaners where sprays are built into the cleaner pole because they are isolated from the cleaning system and out of the flow of product removed.
- > Significantly less weight to remove from the conveyor. Complete cleaners full of water are much heavier.

#### Applications

- > Improves the performance of dry belt cleaning systems by up to 75% and extends belt life by lubricating the cleaner/belt interface.
- > Can be mounted at any position on the conveyor and used for dust suppression as well as belt cleaning.



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## Spray Bars

### Spray Bars

Belt Width (mm)	Part Number	Bar Length	Wt Kg's
450	RSB-0450	0950	9.92
600	RSB-0600	1000	10.87
750	RSB-0750	1250	10.87
900	RSB-0900	1400	11.37
1050	RSB-1050	1600	12.15
1200	RSB-1200	1800	12.83
1400	RSB-1400	2200	13.60
1600	RSB-1600	2300	14.62
1800	RSB-1800	2500	15.40



Please note:

- > Razer Spray Bars are supplied in grade 304 stainless steel inclusive of angle brackets, clamp blocks and spray jets. Spray Shrouds are manufactured in Polyurethane. Hose Tail and End Plug are 3/4" BSP Brass fittings. Larger sizes available upon request.

### Spray Bars - Spare Parts

Belt Width (mm)	Part No.	Description	Wt Kg's
450	RSB-0500-B	Spray Bar Only to suit 500mm belt	3.98
600	RSB-0600-B	Spray Bar Only to suit 600mm belt	4.83
750	RSB-0750-B	Spray Bar Only to suit 750mm belt	4.83
900	RSB-0900-B	Spray Bar Only to suit 900mm belt	5.33
1050	RSB-1050-B	Spray Bar Only to suit 1050mm belt	6.01
1200	RSB-1200-B	Spray Bar Only to suit 1200mm belt	6.69
1400	RSB-1400-B	Spray Bar Only to suit 1400mm belt	7.36
1600	RSB-1600-B	Spray Bar Only to suit 1600mm belt	8.38
1800	RSB-1800-B	Spray Bar Only to suit 1800mm belt	9.06
	RSB-SJ	Spray Jets (All Sizes)	0.02
	RSB-SS	Spray Shroud (Fits all Jet sizes)	0.02

Please note:

- > Larger Spray Bar sizes available upon request.

