The Dust Collector Valve is designed specifically for lighter duty applications, such as gravity flow or bottom of dust collectors handling light loads and non-abrasive products. These units have direct drive right angle gearboxes, inboard bearings and lip seals; making them very cost competitive.

These dust collector valves have been engineered and designed solely as a low cost solution for applications with pressure differentials of 3 psi or less.

**SPECIFICATION**

The general market place covers Cyclones, Bag Houses and Gravity Feed applications with pressures around +/- 3 psi.

**Body**
- Cast Iron Precision Bored

**End Covers**
- Cast Iron Precision Machined and Spigot Located into Valve Body

**Rotor**
- Fabricated Mild Steel Closed (Shrouded) Type Fully Machined

**Bearings**
- Ball Type Rigged Inboard Sealed for Life

**Seal**
- Shaft Seals Rubber Lip Type

**Drive**
- Motorised Worm Box Shaft Mounted on Rotor and Fitted with Standard I.E.C. Motor TEFC 3PH/50Hz Flange Mounted to Worm Box

**Valve Speed**
- Sizes 150 & 200 - 23 RPM
- Sizes 250 & 300 - 23 RPM

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**INTRODUCTION**

The Dust Collector Valve is designed specifically for lighter duty applications, such as gravity flow or bottom of dust collectors handling light loads and non-abrasive products. These units have direct drive right angle gearboxes, inboard bearings and lip seals; making them very cost competitive.

These dust collector valves have been engineered and designed solely as a low cost solution for applications with pressure differentials of 3 psi or less.

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**SQUARE INLET**

![Square Inlet Diagram]

<table>
<thead>
<tr>
<th>SIZE</th>
<th>m³/hr @ 1 rpm</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>H</th>
<th>O</th>
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<th>T</th>
<th>U</th>
<th>kW</th>
<th>WEIGHT (KG)</th>
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*Conversion: Multiply cubic metres/hr by 35.31 to obtain cubic feet/hr.*

**CIRCULAR INLET**

![Circular Inlet Diagram]

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Dimensions are approximate and subject to change without notice.
Planning-in detail for general guidance only.
(To cover safety aspects ask for our safety leaflets)
Drillings are Rotolok standards. Variations can be made.