



# Chemical Resistant Plastic Fans

[chemcofans.com.au](http://chemcofans.com.au)

# The chemical resistant fan for demanding environments

Chemco plastic fans are the ideal chemical exhaust fan, designed to provide efficient, reliable service in the most demanding environments.

Chemco fans supplied by Johndec Engineering Plastics WA are manufactured from Polypropylene (PP) and have superior corrosion and chemical resistance qualities. They are robust in construction and guaranteed to provide many years of trouble-free, energy efficient and economical performance.

Chemco is a recognised leader in the manufacture of equipment made from anti-corrosive and chemical resistant plastics and supplies a complete range of high quality, efficient radial tip backward-curve fans, which offer excellent performance and low noise levels.

These fans conform to global standards, have an open and flexible drive platform and are simple to configure and operate.



## Advanced features

The true spiral fan casing of the Chemco fans has a high efficiency inlet cone to give an even distribution of air, while the plastic injection moulded backplate can be easily removed for servicing or to change the rotation.

Chemco fan radial tip backward-curve impellers are single inlet, single width (SISW). They are precision plastic injection moulded with a cast-in metal hub and mechanically welded to the highest quality standards giving them excellent aerodynamic properties.

The hubs are designed for use with taper-bushes and are made of high-grade cast plates to guarantee their reliability at high peripheral speeds.

The fan base and support stands are precision manufactured from heavy gauge steel. Corrosion prevention is achieved by zinc plating

and powder coating as standard but galvanising and stainless steel options are also available. The design of the support stand allows rotation of the fan casing to achieve different discharge directions.

The majority of Chemco fans are supplied with direct drive arrangements.

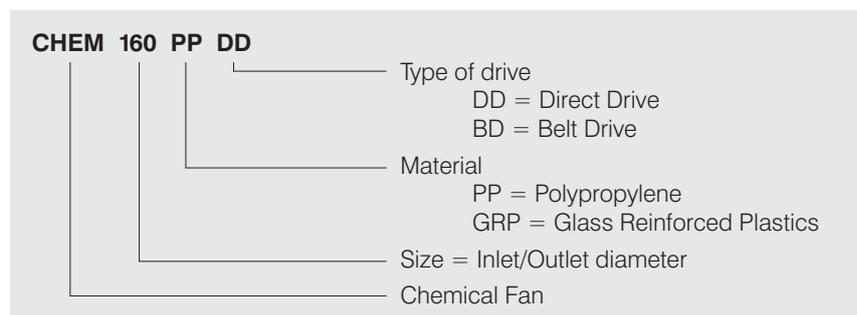
## Other options

Chemco chemical resistant fans are available in PVC, PE, PVDF or glass reinforced plastic (FRP) subject to minimum order.

Impellers can also be made from thermoplastic material blended with composites for high temperature, flame retardant, ultraviolet or electrostatic discharge protection.

Belt drive fans can be produced upon request.

## Fan Type Code



**“ The Chemco fans are designed for high efficiency, reliability and are made from superior anti-corrosive chemical resistant plastics ”**

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**Chem 75**



**Chem 90**



**Chem 110**

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**Chem 125**



**Chem 160**



**Chem 180**



**Chem 200**



**Chem 250**



**Chem 315**



**Chem 400**

Chemco fans are available in sizes up to 1250mm diameter with a Volume Flow Rate of up to 10,000 m<sup>3</sup>h



**RFE 100**



**RFE 125**



**RFE 150**

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Your expert partner for ventilation and exhaust requirements

<ul style="list-style-type: none"> <li>› <b>New:</b> Inducing Fans</li> <li>› <b>New:</b> Fume Jet</li> </ul>				
<ul style="list-style-type: none"> <li>› <b>New:</b> Turbo Pressure Chemical Resistant Centrifugal Fans</li> <li>› Chemco Fans</li> <li>› Mix-Flow Fans</li> </ul>				
<ul style="list-style-type: none"> <li>› Axial Flow Fans for Smoke Extract 400°C/2h</li> <li>› Centrifugal Fans</li> <li>› Tube Fans</li> </ul>				
<ul style="list-style-type: none"> <li>› Duct Fans</li> <li>› Roof Fans</li> <li>› Air-extract Boxes</li> <li>› Car-Park Jet Fans</li> </ul>				
				
				
				
				

Johndec Engineering Plastics WA introduces a new range of specialised plastic products to Australia. We are committed to extending the use of plastics across industry.