



# AIR SYSTEMS

PRODUCT GUIDE

# AIR SYSTEMS

## SINGLE BELT DRIVE BLOWERS - BC SERIES

### SPECIFICATIONS

- Forward curve
- Double width, double inlet blower
- Air volumes up to 8000 l/sec

### APPLICATIONS

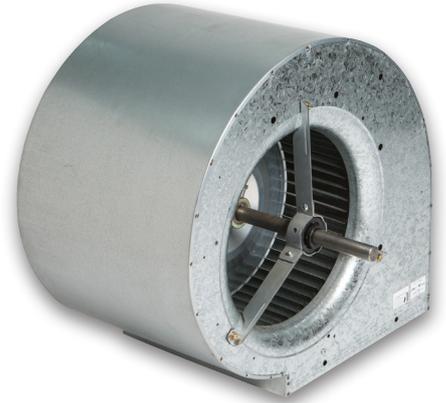
- Air handling units
- Fan coil units
- Evaporative condensers
- Cooling towers
- Air conditioning units
- General ventilation
- Heating

### OPTIONS

- Standard housing with 25mm shaft
- Housing support brackets
- Mounting feet

### AVAILABLE SIZES:

- 241 x 181 (9 x 7)
- 241 x 241 (9 x 9)
- 270 x 203 (10 x 8)
- 270 x 270 (10 x 10)
- 321 x 241 (12 x 9)
- 321 x 321 (12 x 12)
- 381 x 286 (15 x 11)
- 381 x 381 (15 x 15)
- 457 x 483 (18 x 19)



## TWIN BELT DRIVE BLOWERS - BPC SERIES

### SPECIFICATIONS

- Forward curve
- Double width, double inlet blower
- Air volumes up to 16000 l/sec

### APPLICATIONS

- Air handling units
- Fan coil units
- Evaporative condensers
- Cooling towers
- Air conditioning units
- General ventilation
- Heating

### OPTIONS

- Standard housings with 25mm shafts
- Housing support brackets
- Mounting feet

### AVAILABLE SIZES:

- 241 x 181 (9 x 7)
- 241 x 241 (9 x 9)
- 270 x 270 (10 x 10)
- 321 x 241 (12 x 9)
- 321 x 321 (12 x 12)
- 381 x 286 (15 x 11)
- 381 x 381 (15 x 15)
- 457 x 483 (18 x 19)



## DIRECT DRIVE BLOWERS - DDC, DDG & FB SERIES

### SPECIFICATIONS

- Forward curve
- Double inlet blower
- 4 or 6 pole, 3 speed motor
- High temp plastic or metal wheel
- Air volumes up to 1300 l/sec

### APPLICATIONS

- Air handling units
- Fan coil units
- Evaporative condensers
- Air conditioning units
- General ventilation
- Heating

### OPTIONS

- Tight & standard housing
- 80 - 1000 watt motor options, Single, Variable & Multi speed
- Customised housing (Eg Brackets & pre-punched mounting holes for ease of assembly)

### AVAILABLE SIZES:

- 203 x 203 (8 x 8)
- 241 x 181 (9 x 7)
- 241 x 241 (9 x 9)
- 270 x 203 (10 x 8)
- 270 x 270 (10 x 10)



Metal wheel, DDC series



Plastic wheel, DDG & FB series



## FAN DECK - DXC, DXG & FD SERIES

### SPECIFICATIONS

- Direct drive fan deck
- Forward curve
- Double inlet blower
- Motor range: 180 - 1500 watt
- High temp plastic or steel wheels
- Air volumes up to 2200 l/sec

### APPLICATIONS

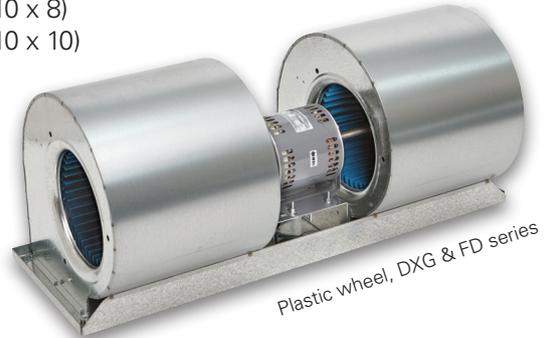
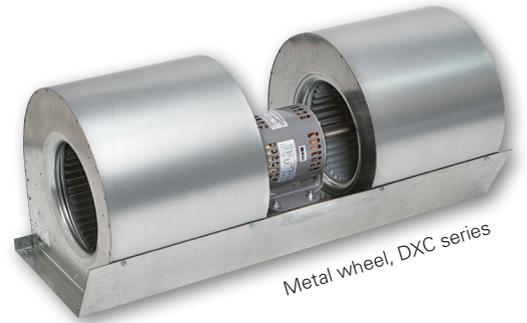
- Air handling units
- Fan coil units
- Evaporative condensers
- Cooling towers
- Air conditioning units
- General ventilation
- Heating

### OPTIONS

- Tight & standard housings
- Motor options, Single, Variable & Multi speeds.

### AVAILABLE SIZES:

- 203 x 203 (8 x 8)
- 241 x 181 (9 x 7)
- 241 x 241 (9 x 9)
- 270 x 203 (10 x 8)
- 270 x 270 (10 x 10)



## DEC STAR

### HIGH EFFICIENCY BLOWER

#### SPECIFICATIONS

- Direct drive blower
- Forward curve
- Double inlet
- Motor range 600 - 900w
- High temp plastic or steel wheels
- Air volumes up to 900 l/sec (525 static Pressure) HEB design

#### APPLICATIONS

- Domestic & light commercial HVAC
- Heaters
- Fan coil units
- Packaged units
- Heat pumps

### OPTIONS

- Std & HEB housing (HEB = high static)
- 600 - 900w motor variable speed
- Customised housing (Eg Brackets & pre-punched mounting holes for ease of assembly)
- Data & Power looms available

### AVAILABLE SIZES:

- 241 x 203 (9 x 8)
- 270 x 203 (10 x 8)
- 270 x 270 (10 x 10)



## PEDESTAL PLUG FANS - FPP SERIES

### SPECIFICATIONS

- Backward inclined
- Motor range: 0.75 to 37 kW
- Steel wheels coated black RAL 9005
- Wheel diameter: 250 - 1000mm
- Air volumes up to 60,000 m<sup>3</sup>/h

### APPLICATIONS

- Air Conditioning
- Fan Coil Unit
- Clean Rooms
- General Ventilation
- Air Curtains
- Gas Furnace
- Air Heaters/ Dryers
- Dust Collectors
- Evaporators
- Freezers
- Kilns
- Ovens
- Packaged Air Handlers
- Space Heaters
- Spray Booths
- Other high temperature applications.

### OPTIONS

- MEPS 2 or high efficiency motor & Ex options available
- Marathon® variable speed drives
- Unico® soft starters
- Guarding, inlet & impeller



## HEAD OFFICE

**Regal Beloit Australia Pty Ltd** ABN 61 122 303 084

19 Corporate Ave (PO Box 2340)

Rowville VIC 3178, AUSTRALIA

Customer Service: 1300 888 853

Fax: +61 3 9237 4050

[www.regalaustralia.com.au](http://www.regalaustralia.com.au)

## STATE OFFICES

### VICTORIA

19 Corporate Avenue

Rowville VIC 3178

T: 1300 888 853

F: +61 3 9237 4050

### NEW SOUTH WALES

8 Bushells Place

Wetherill Park NSW 2164

T: 1300 888 853

F: +61 2 8781 3131

### QUEENSLAND

7 Mahogany Court

Willawong QLD 4110

T: 1300 888 853

F: +61 7 3246 3210

CAIRNS (Service • Repairs • Sales)

2/159-161 Newell Street

Bungalow QLD 4870

T: 1300 888 853

F: +61 7 4033 5553

### PRESENT IN

MACKAY

SOUTH AUSTRALIA

WESTERN AUSTRALIA

T: 1300 888 853

### NEW ZEALAND

Regal Beloit New Zealand Ltd

### AUCKLAND

18 Jomac Place

Avondale

T: 0800 676 722

F: +64 9 820 8504

### PRESENT IN

CHRISTCHURCH

ROTORUA

T: 0800 676 722

### MALAYSIA

Torin Industries SND BHD (MALAYSIA)

No. 6536A Jalan Bukit Kemuning

Batu 6 Seksyen 34

40470 Shah Alam Selangor

T: +60 3 5124 6157

F: +60 3 5121 1467

### SINGAPORE

Regal Beloit South East Asia Pte. Ltd.

12 Tuas Loop 637346

SINGAPORE

T: +65 6863 3473

F: +65 6863 3476

### THAILAND

FASCO Motors (Thailand) Limited

29/7-8 Bangkruay-Sainoi Road

Bangkrang

Muang Nonthaburi District Nonthaburi 11000

THAILAND

T: +66 2447 3300

F: +66 2447 3500

## APPLICATION CONSIDERATIONS

The proper selection and application of motors, motor control and components, including the related area of product safety, is the responsibility of the customer. Operating and performance requirements and potential associated issues will vary appreciably depending upon the use and application of such products and components. The scope of the technical and application information included in this publication is necessarily limited. Unusual operating environments and conditions, lubrication requirements, loading supports, and other factors can materially affect the application and operating results of the products and components and the customer should carefully review its requirements. Any technical advice or review furnished by Regal Beloit Australia Pty Ltd and its affiliates with respect to the use of products and components is given in good faith and without charge, and Regal assumes no obligation or liability for the advice given, or results obtained, all such advice and review being given and accepted at customer's risk.

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