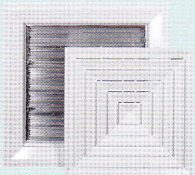
BASIC PRODUCTS RANGE

BCi

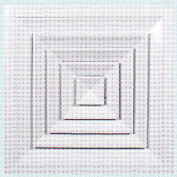
BASIC PRODUCTS RANGE

SAD 4WS



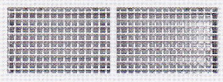
Description	Supply Air Diffusers, 4 Way Square c/w Opposed Blade Damper. Accessories such as Equalizing Grid & Neck Adaptor available on request.
Pattern	Multi – core unit allowing 4 way air distribution, fully removable from diffuser face.
Material	Extruded Aluminium profile for frame. Ready made Aluminium pressed sheet for inner cones.
Standard Sizes	150 x 150 to 600 x 600 mm .
CFM Range	50 – 1400

RAD 4WS



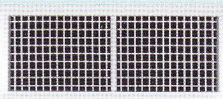
Description	Return Air Diffusers, 4 Way Square w/o Opposed Blade Damper.
Pattern	Multi – core unit allowing 4 way air distribution, fully removable from diffuser face.
Material	Extruded Aluminium profile for frame. Ready made Aluminium pressed sheet for inner cones.
Standard Sizes	150 x 150 to 600 x 600 mm .
CFM Range	50 – 1400

SAR HFB DD



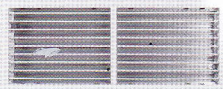
Description	Supply Air Register, Horizontal Front Blades, Double Deflection c/w Opposed Blade Damper.
Blades	Individually adjustable blades, horizontal front mounting & vertical rear mounting.
Material	Frame and blades are made of Extruded Aluminium profiles .
Standard Sizes	300 x 150 to 1200 x 300 mm .
CFM Range	100 – 3100

SAG HFB DD



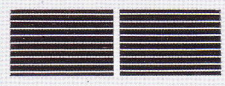
Description	Supply Air Grille, Horizontal Front Blades, Double Deflection w/o Opposed Blade Damper.
Blades	Individually adjustable blades, horizontal front mounting & vertical rear mounting.
Material	Frame and blades are made of Extruded Aluminium profiles .
Standard Sizes	300 x 150 to 1200 x 300 mm .
CFM Range	100 – 3100

RAR HB SD



Description	Return Air Register, Horizontal Blades, Single Deflection c/w Opposed Blade Damper.
Blades	Individually adjustable blades, horizontal mounting .
Material	Frame and blades are made of Extruded Aluminium profiles .
Standard Sizes	300 x 150 to 1200 x 300 mm .
CFM Range	100 – 4100

RAG HB SD

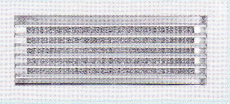


Description	Return Air Grille, Horizontal Blades, Single Deflection w/o Opposed Blade Damper.
Blades	Available in individually adjustable blades or Fixed @ 45°angle, horizontal mounting.
Material	Frame and blades are made of Extruded Aluminium profiles .
Standard Sizes	300 x 150 to 1200 x 300 mm .
CFM Range	100 – 4100

BCI reserves the right to make changes without prior notice.

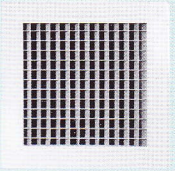
BASIC PRODUCTS RANGE

FAG C/W FILTER



Description	Fresh Air Grille, Single Deflection Blades c/w Filter. Accessories such as OBD available on request.
Blades	Available in individually adjustable blades or Fixed @ 45° angle, horizontal mounting .
Material	Frame and blades are made of Extruded Aluminium profiles .
Filter Media	Multi – Layer Aluminium mesh washable type.
Sizes	Available on request.

ECG



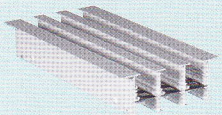
Description	Egg Crate Grille. Accessories such as OBD & Filter available on request.
Core	Aluminium Egg Crate mesh of 13 x 13 mm opening & 90 % free area.
Material	Frame made of Extruded Aluminium profiles .
Sizes	Available on request.

SLD



Description	Supply Air Linear Slot Diffuser .
Pattern	Deflection Blades & Hit and Miss Damper for each slot .
Slot Opening	Available in 16, 20 & 25 mm .
No. Of Slot	1 to 6 Slot (Standard).
Material	Frame & Deflection Blades are made of Extruded Aluminium profiles .
CFM Range	50 - 600 per one metre of length.

RLD



Description	Return Air Linear Slot Diffuser .
Pattern	Without Deflection Blades & Hit and Miss Damper .
Slot Opening	Available in 16, 20 & 25 mm .
No. Of Slot	1 to 6 Slot (Standard).
Material	Frame made of Extruded Aluminium profiles .
CFM Range	50 - 600 per one metre of length.

SLR DD



Description	Supply Air Linear Bar Register c/w Opposed Blade Damper.
Pattern	Fixed horizontal front bar blades & individually adjustable vertical rear blades.
Material	Frame and blades are made of Extruded Aluminium profiles .
Standard Heights	100, 150, 200, 250 & 300 mm .
CFM Range	350 – 2300 per one metre of length.

SLG DD



Description	Supply Air Linear Bar Grille w/o Opposed Blade Damper.
Pattern	Fixed horizontal front bar blades & individually adjustable vertical rear blades.
Material	Frame and blades are made of Extruded Aluminium profiles .
Standard Heights	100, 150, 200, 250 & 300 mm.
CFM Range	350 – 2300 per one metre of length.

BCI reserves the right to make changes without prior notice.

BASIC PRODUCTS RANGE

RLR SD



Description	Return Air Linear Bar Register c/w Opposed Blade Damper.
Pattern	Fixed horizontal front bar blades w/o rear blades.
Material	Frame and blades are made of Extruded Aluminium profiles .
Standard Heights	100, 150, 200, 250 & 300 mm .
CFM Range	500 – 3400 per one metre of length.

RLG SD



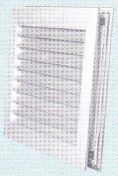
Description	Return Air Linear Bar Grille w/o Opposed Blade Damper.
Pattern	Fixed horizontal front bar blades w/o rear blades.
Material	Frame and blades are made of Extruded Aluminium profiles .
Standard Heights	100, 150, 200, 250 & 300 mm .
CFM Range	500 – 3400 per one metre of length.

PSCD 4WS



Description	Perforated Supply Ceiling Diffuser, 4 Way Square c/w Opposed Blade Damper. Accessories such as Neck Adaptor available on request.
Pattern	Perforated sheet face covering Multi - core unit allowing 4 way air distribution.
Material	G.I. Perforated sheet front cover fixed to a frame of Extruded Aluminium profile.
Face Size	600 x 600 mm (standard).
CFM Range	Up to 1250

DG



Description	Door Transfer Grille .
Pattern	Vision proof inverted " V " shape horizontal cross section blades arranged to overlap each other.
Frame	Telescopic frame suitable for doors or partitions from 25 – 55 mm thickness (Fixed on both sides of the door)
Material	Frame and blades are made of Extruded Aluminium profiles .
Sizes	Available on request.

EAL



Description	Exhaust Air Louver. Accessories such as OBD available on request.
Blades	Fixed louvered type arranged horizontally & inclined downward to 60° angle.
Material	Frame and blades are made of Extruded Aluminium profiles .
Sizes	Available on request.

FAL C/W FILTER



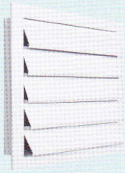
Description	Fresh Air Louver c/w Filter. Accessories such as OBD available on request.
Blades	Fixed louvered type arranged horizontally & inclined downward to 60° angle.
Material	Frame and blades are made of Extruded Aluminium profiles .
Filter Media	Multi – Layer Aluminium mesh washable type.
Sizes	Available on request.

BCI reserves the right to make changes without prior notice.

BASIC PRODUCTS RANGE

GL

Description	Gravity Louver .
Application	For external or internal wall mounting installations.
Blades	Fabricated from Aluminium sheet of 0.5 mm thickness & overlapping each other.
Material	Frame made of Extruded Aluminium profiles .
Sizes	Available on request.

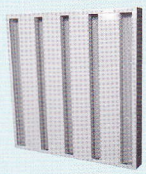


NRD

Description	Non Return Damper .
Application	For duct mounting installations.
Blades	Fabricated from Aluminium sheet of 0.5 mm thickness in mill finish & overlapping each other .
Casing	Available in three models Slip, Clip or Flanged type .
Material	Casing made of 18 or 20 gauge formed galvanized steel sheet .
Sizes	Available on request.

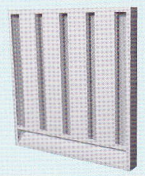
STL

Description	Sand Trap Louver. Accessories such as OBD & Filter available on request.
Blades	100 mm in width, vertically " U " inverted shape assembled in double bank opposite style configuration .
Material	Frame and blades are made of Extruded Aluminium profiles .
Sizes	Available on request.



FSTL

Description	Flush Mounted Sand Trap Louver . Accessories such as OBD & Filter available on request.
Application	Inserted wall type for recessed installations (provided with specially designed sand chute tray).
Blades	100 mm in width, vertically " U " inverted shape assembled in double bank opposite style configuration .
Material	Frame and blades are made of Extruded Aluminium profiles .
Sizes	Available on request.



CSCD C/W BFD

Description	Circular Supply Ceiling Diffuser c/w Butterfly Damper .
Core	Multi – cone unit in conical shape and omni directional air discharge, easy removable & adjustable from from face.
Material	Frame and inner cones (core) are made of pressed Aluminium sheet .
Fixed Sizes	150, 200, 250, 300, 350, 400, 450 & 500 Ø mm .
CFM Range	60 – 2400

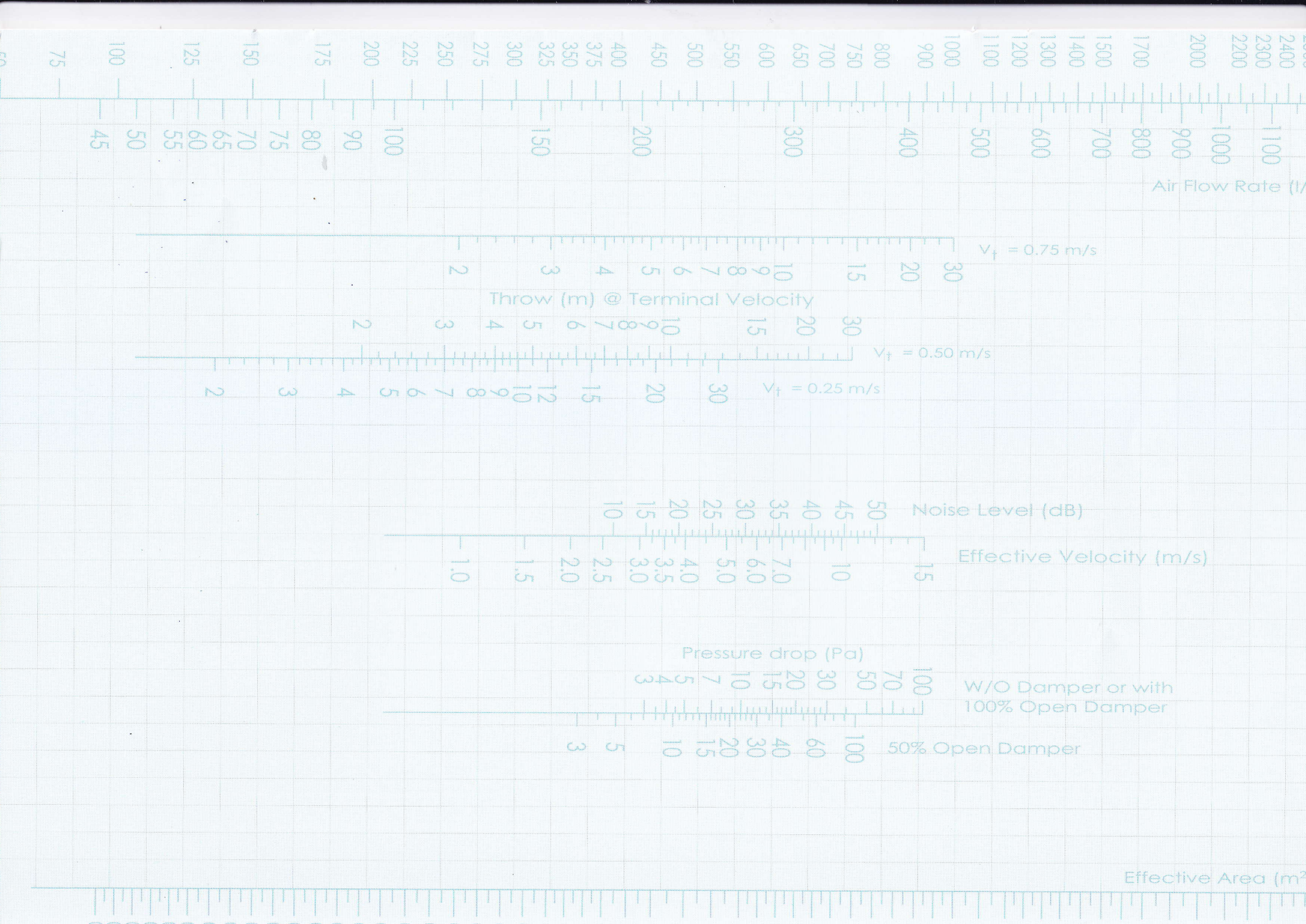


CRCD W/O BFD

Description	Circular Return Ceiling Diffuser w/o Butterfly Damper .
Core	Multi – cone unit in conical shape and omni directional air discharge, easy removable & adjustable from from face.
Material	Frame and inner cones (core) are made of pressed Aluminium sheet .
Fixed Sizes	150, 200, 250, 300, 350, 400, 450 & 500 Ø mm .
CFM Range	60 – 2200



BCI reserves the right to make changes without prior notice.


Air Flow Rate (l/
V_t = 0.75 m/s
Throw (m) @ Terminal Velocity
V_t = 0.50 m/s
V_t = 0.25 m/s
Noise Level (dB)
Effective Velocity (m/s)
Pressure drop (Pa)
W/O Damper or with
100% Open Damper
50% Open Damper
Effective Area (m²