

AIR WATER SYSTEM





Science Park 3
Hong Kong

Active Chilled Beam DID600B-L



Integrated linear lights

Flat construction

Horizontally or vertically mounted outdoor air connection

Horizontally mounted heat exchanger

Project-specific dimensions possible

L : 1500 - 3000 mm, W : 593 mm, H : 210 mm

3 - 43 l/s, 11 - 155 m³/h outdoor air

Cooling capacity up to 1610 W

Heating capacity up to 1730 W



International Tower Sydney, Barangaroo South Sydney, Australia

Active Chilled Beam DID300B

Horizontally or vertically mounted outdoor air connection
Supply air/extract air combination available

L : 900 - 3000 mm, W : 210 mm
3 - 45 l/s, 10 - 160 m³/h outdoor air
Cooling capacity up to 1600 W
Heating capacity up to 1250 W





Pingtung City Sports Center
Taiwan

Active Chilled Beam IDH



- One-sided or two sided air outlet
- Adjustable direction of discharge
- High capacity for large halls
- Vertically mounted outdoor air connection
- Vertically mounted heat exchanger with condensate drip tray for low chilled water temperatures
- Freely suspended installation

L: 1500, 2000 and 2500 mm,
W : 305 and 548 mm, H : 1405 mm
Up to 1670 l/s, 6000 m³/h outdoor air
Cooling capacity up to 27 kW
Heating capacity up to 10 kW



(Photo courtesy: Kate Elliott)



5 Broadgate
London, United Kingdom

Multi-service Active Chilled Beam MSCB

Attractive design

Cooling capacities according to project-specific requirement

Project-specific multi-service solution possible

Linear lights or halogen spotlights

L : 1500 - 3000 mm

W : 600 - 1200 mm, H : 440 mm

Cooling capacity up to 2750 W

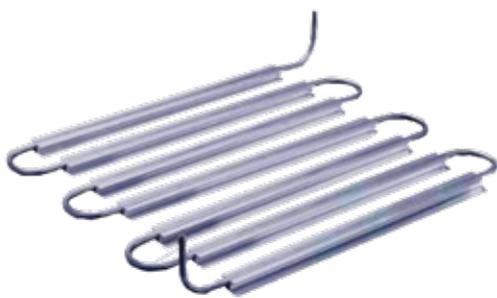
Heating capacity up to 2000 W





Sek Mun Data Centre
Hong Kong

Radiant Chilled Beam Elements Type WK-D-UL



Fits all commercial ceiling tiles
Easy installation



Lanxess
Singapore

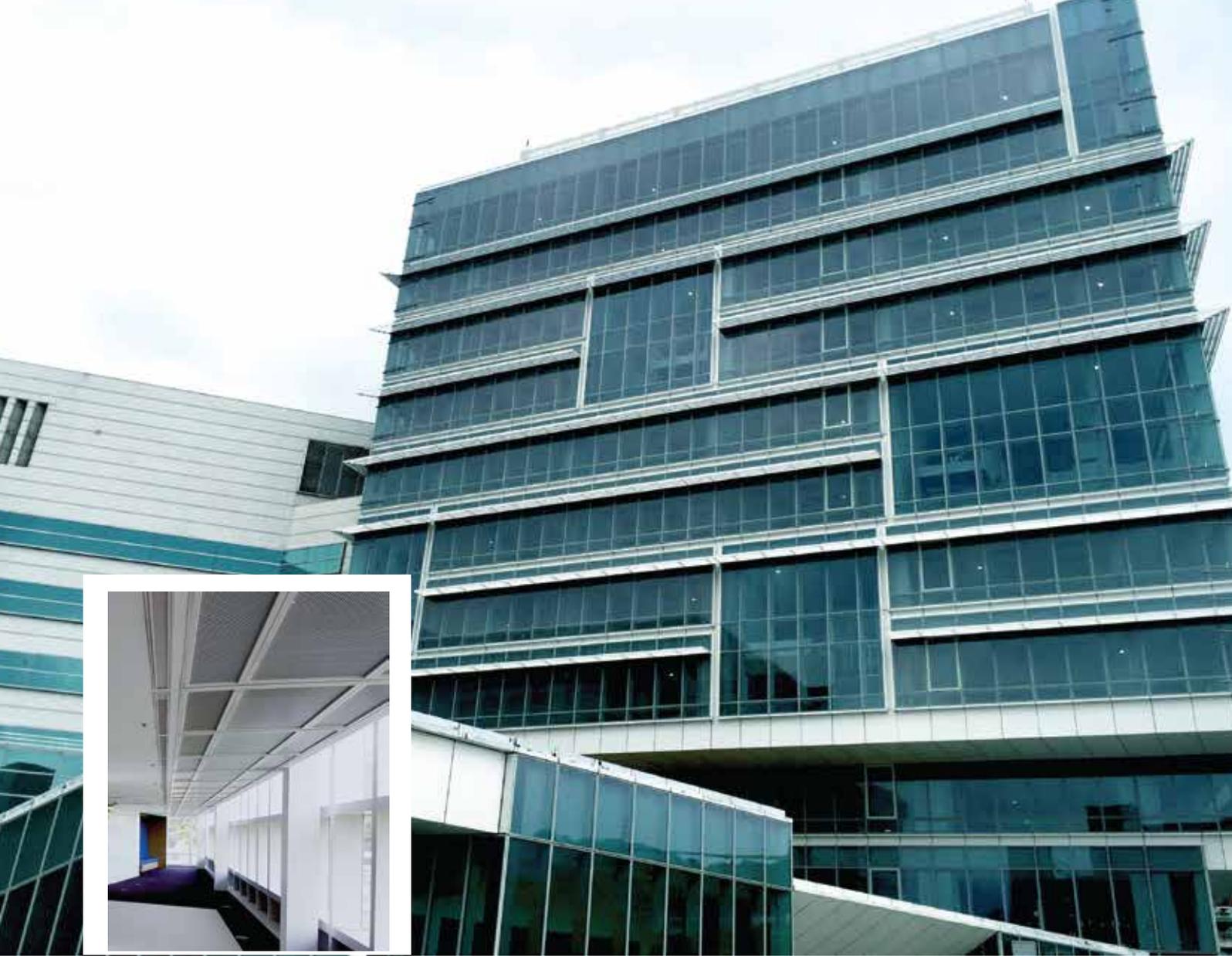
Active Chilled Beam DID604

Four-way air discharge
Adjustable control blades to control the air discharge direction
Horizontally mounted outdoor air connection
Vertically mounted heat exchanger with condensate drip tray for low chilled water temperatures

L : 600 and 1200 mm
H : 225 mm

Cooling capacity up to 1600 W
Heating capacity up to 1700 W
5 - 50 l/s, 18 - 180 m³/h outdoor air





KUO Hospital
Taiwan

Passive Chilled Beam PKV



2-pipe heat exchanger for ceiling installation
For room heights from 2.60 m
Comfortable room cooling
Water connection from the side or from the top
3 standard widths and heights for optimum dissipation
of heat loads

L : 1000 - 3000 mm , W : 295 - 575 mm
H : 110 - 300 mm
Cooling capacity up to 1000 W



Electricity Generating Authority of Thailand
Thailand

Active Chilled Beam DID632

- High cooling capacity
- Induced air grille in four designs
- Adjustable control blades to control the air discharge direction
- Adjustable induction nozzles
- Horizontally mounted outdoor air connection
- Supply air/extract air combination available

L : 900 - 3000 mm, H : 210 mm
Cooling capacity up to 2500 W
Heating capacity up to 3000 W
5 - 70 l/s, 18 - 252 m³/h outdoor air





Orygen Youth Health
Australia

Active Chilled Beam DID642

- 2-pipe or 4-pipe heat exchanger
- Hinged, removable induced air grille in two designs
- Adjustable control blades to control the air discharge direction
- Internal nozzle plate with punched nozzles (non-combustible)
- Horizontally mounted outdoor air connection
- Supply air/extract air combination available



- L : 893 - 3000 mm, H : 170/205 mm
- W : 593, 598, 618, 623 mm
- Cooling capacity up to 3100 W
- Heating capacity up to 2330 W
- 10 - 125 l/s, 36 - 450 m³/h outdoor air



Vienna International Airport, Terminal 3
Schwechat, Austria

Active Chilled Beam DID312

Induced air grille in four designs
Vertically mounted heat exchanger with condensate drip dirt tray for low chilled water temperatures
Horizontally mounted outdoor air connection
Supply air/extract air combination available

L : 900 - 3000 mm, H : 210 and 241 mm
Cooling capacity up to 1800 W
Heating capacity up to 1250 W
5 - 70 l/s, 18 - 252 m³/h outdoor air





STYLES Hotel Piding GmbH
Piding, Germany

Active Chilled Beam DID-E

Preferably for individual rooms in hotels or hospitals
Induction and supply air grilles in various designs
Horizontally mounted outdoor air connection
Horizontally mounted heat exchanger without condensate drip tray



L : 550 and 614 mm, H : 200 mm
W : 900, 1200 and 1500 mm
Cooling capacity up to 1000 W
Heating capacity up to 500 W
10 - 78 l/s, 36 - 281 m³/h outdoor air



Welios Science Center
Austria

Underfloor induction unit BID

Rectangular underfloor diffuser with cover grille in many designs and materials

Low construction height

Project-specific dimensions possible

W : 1100 - 1849 mm, H : 191 mm, D : 404 mm

Cooling capacity up to 1030 W

Heating capacity up to 1225 W

4 - 40 l/s, 14 - 144 m³/h outdoor air



Our Project

Asia

Hong Kong

Shek Mun Data Centre
Hong Kong Science Park

India

IBM Manesar
Ministry of New and Renewable Energy

Indonesia

Radita New Office

Malaysia

Manipal University
Prime Minister Office
Teknion Furniture System
Solar Energy Research Institute (SERI) - UKM

Republic of Korea

Posco Green Building
Seol University Hospital

Philippines

Club Arena

Singapore

Lanxess – Specialty Chemicals

Taiwan

China Trust Bank
Ping Tung Sports Center
KUO Hospital
Wei Wu Ying Musical Hall

Thailand

Electricity Generating Authority of Thailand

Australia

1 King William Street
100 Mount Street
110 Eagle Street
21 Harris Street
31 Ultimo Road
33 Richardson Street
333 George Street
52 Martin Place
Art West
Australian Technology Park
Australian Taxation Office , Box Hill
Ballarat Hospital BABACH
Banyule City Office
International Tower Sydney, Barangaroo
BHP Perth
Cabrini Health - Private Hospital
CORSO North Lake, Community Centre
CSL Australia
Circular Quay Tower
Dandenong Municipal Building
Gold Coast University Hospital
Goods Shed North
Latrobe University
LTU Donald Whitehead building
Macquarie University
Mclachlan & Ann
Monash Health
Monash Law
National Broadband Network
North West Plot
Orygen Youth Health
Quay Quarter Tower
RMIT University
University of Ballarat
University of Melbourne
Werribee Mercy Hospital
Wynyard Place

New Zealand

41 Shortland Street
Auckland University of Technology
Sir Paul Reeves Building
Novell House
SAS House- office towel

Other Countries

Middle East

Dubai Electricity and Water Authority
Etisalat Jebel Ali Satellite Station
Criminal Evidence HQ, Kuwait

USA

Gensler – Design and Architecture