



BETEC CAD.

WWW.BETECCAD.COM

ABOUT US



BETECCAD stands as a premier HVAC manufacturer and supplier, serving both domestic and international markets from our base in the UAE. With a diverse product range catering to sectors including Construction, Commercial, Industrial, Oil & Gas, and Power Plants, we offer cutting-edge technology and reliable services.

Our extensive portfolio showcases our engineering prowess and commitment to meeting global standards. Established in Sharjah in 1995 as an LLC, we relocated our operations to the SAIF Zone in 2006, further enhancing our capabilities and reach.

ABOUT US



Structure

PRIVATELY HELD



Projects

10000+



Head Quarters

SHARJAH, UAE



Years

30



2024 Employees

250+



Manufacturing Locations

3



R&D, MANUFACTURING AND ASSEMBLY LOCATIONS



KSA

Assembly - 1 location
[Planned]

UAE

Manufacturing -
2 locations and R&D

INDIA

Manufacturing -
1 location



GLOBAL NETWORK



USA
TURKEY
BAHRAIN
KSA
QATAR
KUWAIT
OMAN

INDIA
UAE
SINGAPORE
MALAYSIA
THAILAND
SOUTH KOREA
EGYPT



OUR MILESTONES



1995

Inception of Beteccad LLC

2003

Beteccad awarded AED 1M Delhi Metro Rail Project. Entry into power plants & industrial HVAC fire safety projects

2012

Entry into nuclear power plant projects

2006

Moved operations to SAIF Zone as Beteccad Industries FZC. Entry into Oil and Gas and Tunnel ventilation projects.

2014

Entry into airport projects with start to end contract management

2020

Expanded manufacturing operations to 90,000 sqft Umm Al Quwain facility
Entry into expanding turnkey MEP contracts

2022

UL 555S / AMCA 500D accredited lab set up in Sharjah facility. Only in-house lab within GCC region

2023

First in the region ATEX rating for dampers for use in highly explosive environment.

KEY CERTIFICATIONS & ACCREDITATION LABS



PRODUCT CATEGORIES



LIFE SAFETY DAMPERS

FIRE DAMPERS



MOTORISED FIRE DAMPERS



MOTORISED SMOKE DAMPERS



MOTORISED SMOKE FIRE DAMPERS



Critical for regulating airflow in emergencies, ensuring safe evacuation routes and compartmentalising fire hazards.

CONTROL DAMPERS



VOLUME CONTROL
DAMPERS



MOTORISED
CONTROL DAMPERS



Essential in HVAC systems for adjusting airflow rates, maintaining comfort, and enhancing energy efficiency.

INDUSTRIAL DAMPERS



**TUNNEL VENTILATION
DAMPERS**



**GAS TIGHT
DAMPERS**



**COAST GAURD MARINE
FIRE DAMPERS**



Engineered for heavy-duty applications, managing airflow and pressure in industrial environments for optimal performance.

VARIABLE AIR VOLUME

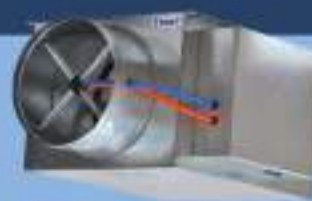
VAV BYPASS



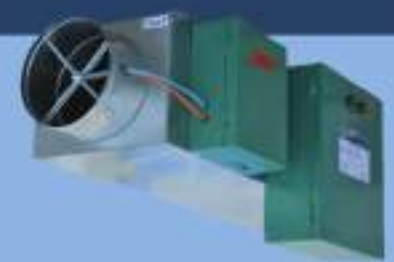
VAV PRESSURE DEPENDENT



VAV PRESSURE INDEPENDENT



VAV WITH DUCT HEATER



VAV INDUCTION



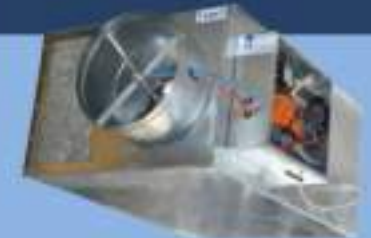
CONSTANT AIR VOLUME (CAV)



VAV DUAL DUCT



VAV FAN POWERED



Enhances HVAC efficiency by adjusting airflow based on demand, optimising energy consumption and comfort.

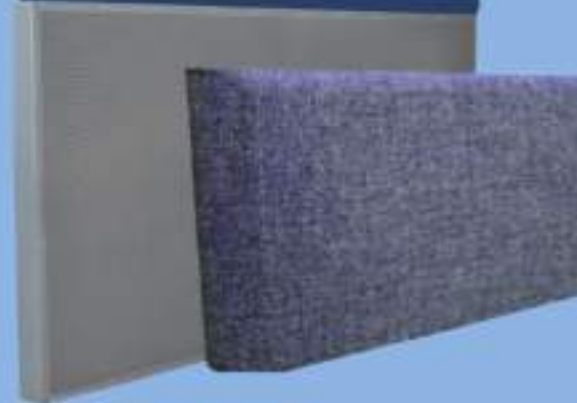
ACOUSTIC CONTROL



SOUND ATTENUATORS



ACOUSTIC PANELS



ACOUSTIC LOUVERS



Designed to mitigate noise levels by absorbing or redirecting sound waves, ensuring quieter environments in various applications.

LOUVERS



WEATHER LOUVERS



SAND TRAP LOUVERS



WIND DRIVEN RAIN LOUVERS



Used for intake and exhaust air applications, providing weather protection while maintaining airflow efficiency.

AIR OUTLETS



GRILLES, SLOT DIFFUSERS & NOZZELS



FLOW BARS



Disperse conditioned air efficiently into spaces, supporting proper ventilation and comfort levels.

DUCT HEATERS



- CE Certified
- Available in Stage Type and Modulating Type

Duct heaters are devices used to heat air within ducts, essentially used in HVAC systems for temperature control.



DOORS

SINGLE FIRE DOORS



DOUBLE FIRE DOORS



Integral to building safety, these doors prevent the spread of fire and smoke, ensuring compartmentalization during emergencies.

SUPPLY ACROSS DIVERSE SEGMENTS



TUNNEL/ INDUSTRIAL/ AIRPORTS



OIL & GAS



POWER PLANTS



RESIDENTIAL/ COMMERCIAL



MARINE

KEY PROJECTS



Riyadh Metro

Location: KSA
Client: Saudi Municipality



Queen Alia Airport

Location: Jordan
Client: Government
Scope: Fire damper, Motorized control damper, Back draft damper, Louvers



Dubai Metro Route Expo 2020

Location: UAE
Client: RTA Expo-2020
Scope: Damper, Louvers and Air purifier



Venezuela Refinery

Location: Venezuela
Client: Government
Scope: Motorized smoke fire damper



Duqm Refinery

Location: Oman
Client: Government
Scope: Motorized smoke fire damper, Motorized smoke damper, Gas tight damper



Khazzan Oil Field

Location: Oman
Client: BP, British Petroleum, Petrofac
Scope: Damper



MIRFA Power & Desalination Plant

Location: Abu Dhabi, UAE
Client: Government
Scope: Motorized smoke fire damper, Motorized smoke damper, Fire damper, Sound attenuator



Baraka Power Plant

Location: Abu Dhabi, UAE
Client: Government
Scope: Fire damper, Motorized smoke fire damper, Volume control damper, Back draft damper, Air Curtains



Downtown Views 2

Location: UAE
Client: Emaar
Scope: Dampers



VLCC Kahla (Bahri Vessels)

Location: Vessels
Scope: Weather buoyer, Motorized control damper, Volume control damper



Dubai Hills Mall

Location: Dubai
Client: Emaar
Scope: Louvers



Al Bayt Stadium

Location: Qatar
Client: KEO ASPIRE
Scope: Motorized Fire Damper



MEMBERSHIPS/ APPROVALS



IN-HOUSE UL 555S AMCA500 LAB



3000 fpm velocity



400 C temperature



555s compliance testing



500D airflow performance testing

**Some features of
the testing
laboratory**



5 in.wg. static pressure

Betec Cad exemplifies its dedication to precise and dependable performance data through its state-of-the-art 555s in-house elevated air flow performance testing laboratory. Our clients and their teams rely on us for comprehensive engineering and construction project support, backed by our capability to provide product testing and certification services