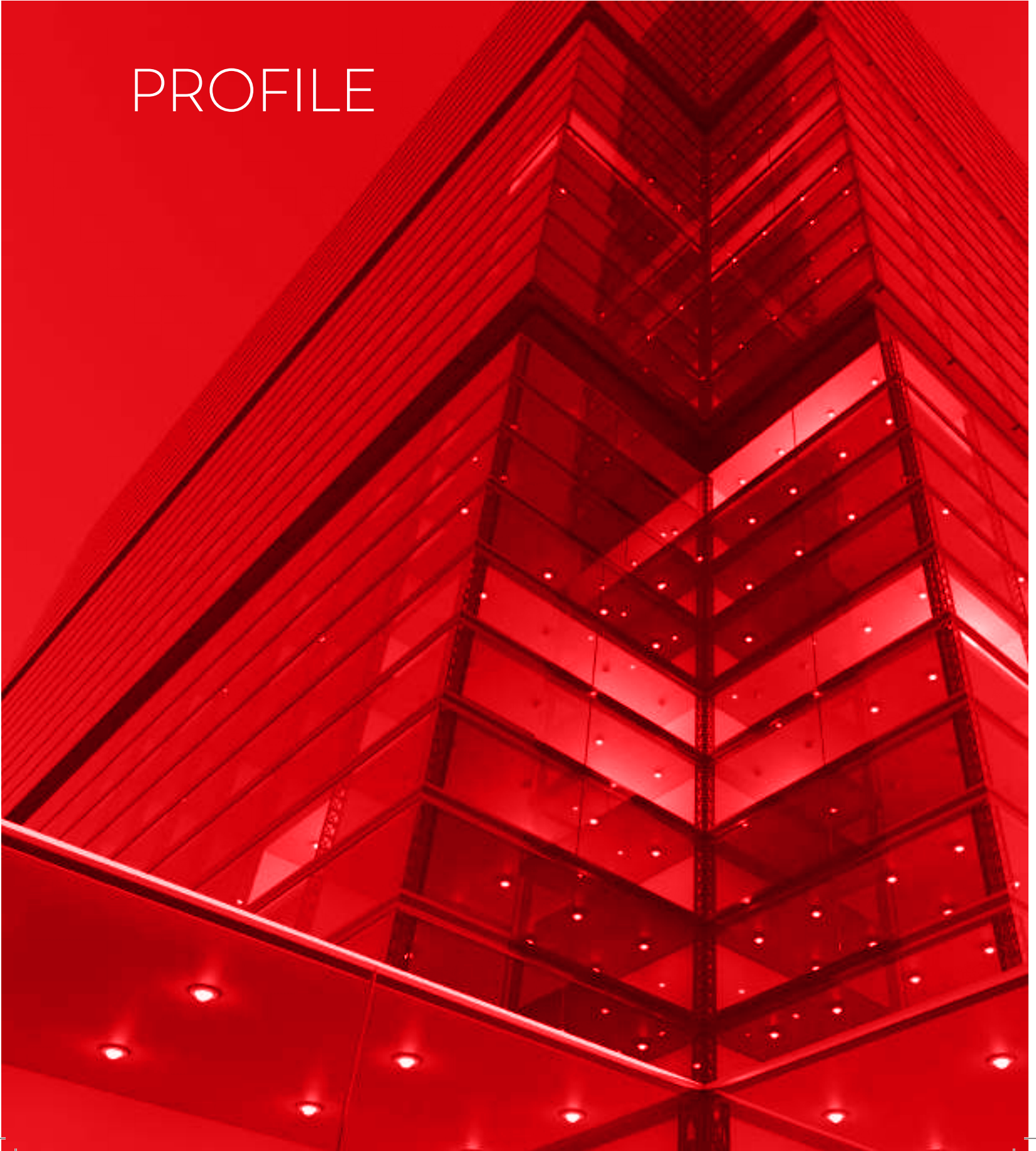


# PROFILE







Triumphant twenty two years in the market, earning trust and respect of our customers is not a fantasy but only because we have excellent people with great technical expertise. They contribute strong service ethos in everything they do. We bring passion, pride and experience together. Complete customer satisfaction is our utmost goal.

Benair highly upholds integrity no matter whatever loss we have to bear, we always adhere to honest practices.

We are at this juncture of history where the whole world is juggling to meet the resource demands while simultaneously trying to reverse environmental degradation and Benair is committed towards this effort.

**Benny Mathew**  
Founder & Managing Director



## ABOUT US

Benair has been in the business since 1999. Over these years, Benair has proved its efficiency across UAE, KSA and India and still continues to be the most sought after HVAC provider. The utmost customer satisfaction being our prime priority we have more than 2000 contented clients to our credit. Twenty two years of our hands on experience in the HVAC arena has given us an edge when it comes to the technical experience needed to serve your company's needs. We have wide range of products, services and various establishments to cater your HVAC requirements.

Benair has its branches in Dubai, Abu Dhabi and Sharjah in order to provide the best services to its customers.



## MISSION

To ensure maximum customer contentment simultaneously granting the future generation an enhanced abode adhering to the environmental friendly practices.

## VISION

‘Our customer is our prime priority’  
We strive to become the leader in our industry, offering complete customer satisfaction and delivering the best value and cost effective services.

## VALUES

Benair’s benchmark when it comes to values, we stand for excellence, integrity and passion to preserve energy for the future generations.







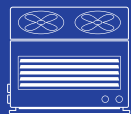
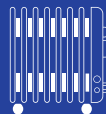
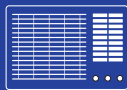
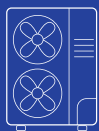
 **benair**<sup>®</sup> TRADING CO. LLC

 | AUTHORISED DISTRIBUTOR

 **benair**<sup>®</sup> PROJECTS

 **benair**<sup>®</sup> 

 **benair**<sup>®</sup> **DUCTS**



# PORTFOLIO





AUTHORISED DISTRIBUTOR

## PARTNERS IN EXCELLENCE

Benair's growth into the limelight has always been gradual and steady. The whole process is quiet evident while precipitating the past achievements which portrays an upward graph. Since our inception in 1999, we are proud to be appointed as Carrier authorized dealer in the year 2008.

As Carrier authorized dealer,  
we were proud to achieve the following awards:

- 2008 – Dealer Bronze Club Award
- 2009 – Dealer Bronze Club Award
- 2010 – Dealer Bronze Club Award
- 2011 – Dealer Bronze Club Award
- 2012 – Dealer Gold Club Award
- 2013 – Dealer Platinum Club Award (Highest DX Sales in Dubai)
- 2014 – Dealer Platinum Club Award
- 2015 – Dealer Diamond Club Award
- 2016 – Dealer Diamond Club Award
- 2017 – Dealer Diamond Club Award (Highest DX Sales in Dubai & Sharjah)
- 2018 – Dealer Diamond Club Award (No.1 Dealer in Dubai)
- 2019 – Carrier Authorised Distributor

Finally in 2019, Benair Trading has become the Authorised Distributor of Carrier Air conditioners in the UAE and very competent to offer the best possible price in the market. In collaboration with Carrier, Benair Trading started undertaking various contracts for the design, supply and installation of air-conditioning systems for all the commercial, industrial, residential buildings and villas in the UAE.

With exclusive showrooms in Dubai, Abu Dhabi and Sharjah,  
Benair Trading can cater to all kinds of air-conditioning requirements.



# PRODUCTS



## Carrier Air Purifiers

Cleanses intelligently to provide you healthy air.

- HEPA filtration
- Removes particles as small as 0.3 microns
- 99.97% efficient
- Portable
- Quick deployment



## Window Room Air Conditioners 51KWF

- R410 Refrigerant
- High Ambient Operation
- Easy Panel Cleaning, Hydrophilic coating
- Efficient super tropical rotary compressor
- Drip free condenser up to 70% humidity
- Low noise level
- Easy panel cleaning



## Ductless Split System

Cassette

38QTD/42QTD

2.00 - 4.00 nominal tons

- Inverter Technology
- 360-degree air flow
- Built-in drain pump
- Turbo mode & Sleep mode
- Corrosion-resistant casing
- Ensures uniform temperature distribution around the entire room
- Auto restart function
- Timer function
- Low noise





### Free Standing

38SF/42SF

4.0 & 5.0 nominal tons

- Environment-friendly refrigerant R-410A
- Auto Sweep Function
- Panel Lock Function
- Filter Cleaning Alarm
- Self-Diagnosis Function

### Hi Wall

38KHL/42KHL 38XPL/42XPL

38KHG/42KHG

1.50 - 3.00 nominal tons



- Environment friendly refrigerant, R410A, Chlorine free HFC, ZERO ODP
- Advanced IAQ System: Ionizer with 4 Step Air Filtration System
- Turbo(Jet Cool) Mode / Sleep Mode
- Low noise level
- Sleep mode
- 4 Way Air Throw with Auto Swing
- Stylish and Elegant Design with Curvature Front panel

### Wall Inverter

38QHA/42QHA

1.5-3.0 nominal tons



- Tropical inverter compressor
- Auto-cooling system
- Compound filter
- Self-diagnostic function
- Refrigerant leakage detection
- Anti-rust cabinet
- Follow me function
- Smart air flow
- 2 ways piping connection



## Ducted Split Systems

38CKP/42TPM

KSA/KSA (TOP/SLIM)

1.5-5.0 nominal tons

42TPM

- Low noise level suitable for all application.
- Metallic blower double inlet, forward curved blades.
- Designed especially for high ambient environment.
- Low unit height suitable for low false ceiling application.



38CKP

- Aluminum fin material is capable of 500 hr salt spray exposure per ASTM B117 test.
- The cabinet is protected underneath by a galvanized coating and treated which ensures long life.



38PK/FB4P

KSA/KSA (SIDE/ BOX)

1.5-5.0 nominal tons

38PK

- Designed especially for high ambient environments.
- Easy access for service and maintenance.



FB4

- 6 sizes from 1.5 to 5.0 ton cooling capacity.
- Efficient lanced sine-wave aluminum fins.



38CK/FB4C

MEX/ MEX(TOP/ BOX)

1.5-5.0 nominal tons

38CKM

- High and low pressure switches.
- Field-installed filter drier included.
- Dense wire grille coil guard.
- 3-phase monitor.



FB4C

- ECM indoor blower motor.
- Adjustable bleed TXV.
- 5 blower speed taps.
- Multi-position design.





### 38CK/42TKS MEX/ UAE(TOP/ SLIM) 1.5-5.0 nominal tons

#### 38CKM

- High and low pressure switches.
- Field-installed filter drier included.
- Dense wire grille coil guard.
- 3-phase monitor.

#### 42TKS

- Flexibility to provide left hand and right-hand coil connections.
- 3 speed motor.
- Low unit height suitable for low false ceiling application.
- Washable aluminum filter.



### 38AUM/42RUM (I) KSA/ KSA(TOP/ BOX) 6.0-15.0 nominal tons

#### 38AUM

- EER (Energy Efficiency Ratio) up to 12.20
- Constructed for long life, efficient operation.
- Indoor-Air Quality (IAQ) features.

#### 42RUM

- Constructed for long life.
- Efficient operation.
- Indoor-Air Quality (IAQ) features.
- Easier installation and service & coil flexibility.



### Ducted Inverter 38QSM / 42QSM 1.5-5.0 nominal tons

- More Economical.
- Twin-rotary Inverter Compressor.
- More Powerful and Reliable.
- Easy and Flexible Installation.
- Modern Slim Design.
- Multi Air Outlets.
- Easy Clean Filter.
- Easy Control & Easy Maintenance.



## 50ZPM 3.00 - 5.00 nominal tons

- Factory assembled package is a compact, fully self-contained, electric cooling unit with horizontal supply and return ducts.
- Easy to Install 50ZPM units are small, compact, and easy to handle.
- Aerodynamic fan blade design reduces the overall sound power level to as low as 76.3dBA.
- Service Access makes installation and maintenance quicker and easier.
- Durable pre-painted galvanized steel cabinet.
- Direct-drive multispeed, blower motor is standard on all models.



## 50TCM / 50TJM 6.00 to 12.50 nominal tons

- Independent refrigerant circuits, each with a scroll compressor.
- Fresh air intake capability.
- Non-corrosive sloped condensate drain pan in accordance to ASHRAE 62 standard.
- Painted panels tested to ASTM B-117 500 hours salt spray protection.
- Side discharge application, no roof curb needed.
- Side-by-side supply and return air.



## 50TJM 15.00 to 27 nominal

- TXV refrigerant metering device.
- Two independent refrigerant circuits, each with a scroll compressor.
- Low outdoor temperature cooling operation down to 40°F.
- Liquid filter drier standard on each circuit.
- Fresh air intake capability.
- Non-corrosive sloped condensate drain pan.



## VRF Systems

3.50 - 45.00 nominal tons,  
4HP- 56HP

- A single outdoor VRF condenser can power up to 64 independent indoor units, depending on the system
- Single unit capacity: 4HP, 5HP, 6HP, 8HP, 10HP, 12HP, 14HP, 16HP, 18HP & 20HP
- Maximum piping length of 1,000 m, farthest equivalent length 235 m.
- Maximum vertical distance between indoor units, which reaches up to 40 meters.
- High levels of efficiency via optimal load adjustment.
- Simultaneous heating & cooling, inverter-driven compressors.
- Comfort, economic efficiency and safety can be further maximized with modern control mechanisms. (wired & wireless remote system)
- The operating sequence of the individual compressors is rotated, balancing their operating hours and distributing load evenly.
- The entire system can be run from a central location or monitored remotely – perfect for diverse applications with a range of heating and cooling needs.

## Air Handling Units

Modular Custom Make,  
Double-Wall, Indoor, Outdoor  
Application (550 - 63500 Nominal CFM)



- Profiled 1.0-mm thick casing sides of galvanized and coated steel plates ensure a rigid and lightweight frame.
- The frame holds a 60-mm dual-skin casing wall with panels, doors, inspection hatches and removable center posts.
- The characteristic of the casing wall construction must be established in accordance with EN 1886, based on measurements carried out on a model box.



## Fan Coil Units

- Horizontal Chilled Water application
- Furred-in and Cabinet type-Ceiling Mounted (300 - 2000 nominal cfm)

## Chillers



Centrifugal Chiller



Water Cooled Screw Chiller



Air Cooled Screw Chiller

# SHOWROOMS



## Sharjah

P. O. Box 37887  
Industrial Area 11  
Tel: 06 543 8330

  052 945 7000



## Abu Dhabi

P.O. Box 93342  
Musaffah 35  
Tel : 02 550 7133

  052 945 7000



## Dubai

P. O. Box 30794  
Umm Suqeim Road  
Al Barsha  
Tel : 04 347 4797

  052 945 7000



Benair Projects, one of the leading HVAC contractor in the UAE. We undertake the design, supply, installation, commissioning and maintenance of various turnkey AC projects for multi-story commercial, industrial and residential buildings.

Our partnership with major brands like Carrier, Daikin, Trane, LG, Rheem, O'General, York, Gree, Coolex and Mitsubishi, we execute our projects in the best cost effective way.

With more than 1,500 HVAC Projects, 20 years of our expertise and more than 2,000 clients In the field is our core-competence, which makes us unique and always the first choice among our clients.

We have a team of qualified engineers, expert technical team and in-house facilities to complete all kinds of HVAC projects. We are committed to providing reliable and professional service to our valuable clients and we always strive for complete customer satisfaction.





Jama Mosque, Imama & Muezzin house and service block  
Al Karame, Dubai



Magrudy Mall  
Wadi Al Amardi, Dubai



Ryan International School  
Abu Dhabi



G+4 Residential & Commercial Building  
Al Jadaf, Dubai



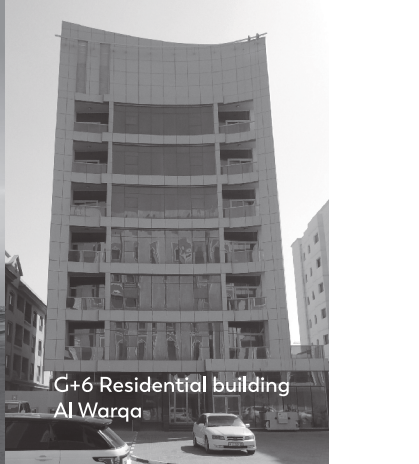
B+G+5 Floors Residential Building  
International City Phase 3, Dubai



B+G+1 Residential Villa  
Dubai Hills Estate, Dubai



Al Zorah Pavillion  
Ajman



G+6 Residential building  
Al Warqa



G+26  
Karama, Dubai



G+2P+17 Building,  
Al Majaz, Sharjah



G+3 Labour Accommodation Building  
Jebel Ali Ind. First, Dubai



Warehouse and offices  
JAFZA, Dubai



G+5P+18 Health Club  
Al Khan, Sharjah



# PROJECTS LIST\*

**UG+G+8P+26 Floors+Mech 1 & 2 +R Residentila Building, Plot No.318-0169, Al Karama, Dubai.**

*Client:* Mr. Musabbeh Rashid Musabbeh Alfattan Alfalasi

*Consultant:* Mimar ME Enginnering Consultant

**G+3P+11 Building, Plot No. 326-5603, Jadaf, Dubai**

*Client:* Mr. Ahmad Mohammed Binsuloom Al Falasi

*Consultant:* Golden Square Consultants

**Ryan International School, Masdar City, Abu Dhabi**

*Client:* Ryan International School *Consultant:* Pioneer Engineering Consultant

**G+4 Labour Accommodation Building, Plot No. 599-2005, Jebel Ali Ind, Dubai**

*Client:* Mr. Ahmad Abdulla Ali Albasim *Consultant:* Emsquare Consultants

**B+G+5 Residential Building, Plot No. Ic 3-G-10, International City Phase 3, Dubai**

*Client:* Mr. Jamal M M Yasin *Consultant:* Mimar Me Enginnering Consultant

**G+6 Building, Plot No. LC3-G-11, Wrsan Fourth, Dubai**

*Client:* Shaikha Aysha Rashed Saeed Aljarwal & Souheil Hassam Abou El Huda

*Consultant:* Al Khawajah Engineering Consultancy

**Magrudys Mall, Wadi Al Amardi, Dubai**

*Client:* M/S Magrudys LLC *Consultant:* Iconic Architectural & Engineering Consultants

**Jama Mosque, Imama & Muezzin House & Service Block, Al Karama, Dubai**

*Client:* Mr. Mohammad Ahmad Abdulla Al Mousa *Consultant:* Archcorp Architechtural

**G+M Warehouse & Office, Plot No. 5330279(53074), DIC, Dubai**

*Client:* M/S Sika Uae LLC *Consultant:* BD & S ME Engineering Consultants

**Warehouse & Office, Plot No. S30403, Jafza, Dubai**

*Client:* M/S Acess World Logistics LLC *Consultant:* Orbit Engineering Consultants

**G+1P+5 Building, Plot No. Ic3-E-31, Warsan Fourth-624, Dubai**

*Client:* Mr. Pouly Raphael Pozhalipparamban *Consultant:* Consistent Engineering Consultants

**G+1P+5 Building, Plot No. 252-252/A (Mulk 150), Al Qulayya, Sharjah**

*Client:* M/S Moderna Buiding Contracting LLC

*Consultant:* Al Tasmeen Al Hadeth Engineering Consultants

**G+6 Building, Plot No. 4210596, Al Waraq'a First, Dubai**

*Client:* Mr. Ismail Ghuloom Hassan Abdulla Ahli

*Consultant:* Arc International Engineering Consultants

**G+1P+5 Building, Plot No. 2978, Mulk-78/696, Mueallah, Dubai**

*Client:* Mr. Saeed Mohammed Binsultan Bin Humaid Alshamsi

*Consultant:* Oasis Engineering Consultant

**G+3 Labour Accommodation Building, Plot No. 599-1150, Jebel Ali Ind First, Dubai**

*Client:* M/S Cleveland Bridge And Engineering Middle East Pvt Ltd

*Consultant:* Global Engineering Consultants

**G+4 Labour Accommodation, Plot No. 5998507, Jebel Ali Ind First, Dubai**

*Client:* M/S Meraas Estates LLC *Consultant:* Future Art Engineering Consultant

**G+4 Labour Accommodation, Plot No. 5999230, Jebel Ali Ind First, Dubai**  
*Client:* M/S BDGM Trading Limited *Consultant:* Freeline Engineering Consultant

**G+M+1P+4 Building, Plot No. 3031A, Industrial Area 6, Sharjah**  
*Client:* Mr. Saeed Mohammed Binsultan Bin Humaid Alshamsi  
*Consultant:* Universal Design Office Consultng & Engineering Services

**Women Association Hall, Plot No. 9310558, Al Lessaily, Dubai**  
*Client:* M/S Dubai Municipality *Consultant:* Gulf Engineering Consultant

**G+4 Building, Plot No. 15 Mulk-11, Al Buteena, Dubai**  
*Client:* Mr. Abd Alrahman Ma Bader And Amin Abdelaziz Ibrahim Buyarabai  
*Consultant:* Future Engineering Consultant

**G+3 Building, Plot No. 1322 Mulk, Muweilleh, Sharjah**  
*Client:* Mr. Arif Mohammed Binsultan Bin Humaid Al Shamsi  
*Consultant:* Universal Design Office Consultng & Engineering Services

**G+3 Building, Plot No. 3330212, Al Bada, Dubai**  
*Client:* Mr. Ibrahim Mohd Ahmed Hassan Bumelha  
*Consultant:* Al Majal Enginnering Consultant

**G+2 Building, Plot No. 123-332, Al Muteena, Dubai**  
*Client:* M/S Mohammed Redha Ali Bin Ali *Consultant:* Al Anfal Enginneering Consultant

**G+3 Building Plot No. 400, Muwailah, Sharjah**  
*Client:* Mr. Sultan Bin Ali Mohd Kalbawi *Consultant:* Future Engineering Consultant

**G+8 Building, Plot No. 972, Sharjah**  
*Client:* M/S Nasco Contracting LLC *Consultant:* Bindalmouk Consultant

**G+3 Building, Plot No. 451, Sharjah**  
*Client:* M/S Al Nasriya Contracting LLC *Consultant:* Universal Consultant

**G+3 Building, Oud Metha, Dubai**  
*Client:* M/S Showhaib Real Estates *Consultant:* Bindalmouk Consultant

**G+5P+18 Building, Plot No. 989, Sharjah**  
*Client:* M/S. Universal Contracting LLC *Consultant:* Universal Consultant

**2B+G+3 Building, Plot No. 319-518, Oud Metha**  
*Client:* M/S Al Arif Contracting LLC *Consultant:* Al Hilal Enginnering Consultant

**G+7 Building, Plot No. 47, Sharjah**  
*Client:* M/S Tariq Aboudi Contracting LLC *Consultant:* Bindalmouk Consultant

**G+5 Building, Plot No. 369, Sharjah**  
*Client:* M/S Universal Contracting LLC *Consultant:* Universal Consultant

**G+7 Building, Plot No. 1060, Sharjah**  
*Client:* M/S Al Nasriya Contracting LLC *Consultant:* Universal Consultant

**G+10 Building, Plot No. 569, Sharjah**  
*Client:* M/S Solanki Eng Construction LLC *Consultant:* Archon Engnn Consultant

**G+7 Building, Plot No. 47, Sharjah**  
*Client:* M/S Tariq Aboudi Contracting LLC *Consultant:* Bindalmouk Consultant

**G+8 Building, Plot No. 352, Sharjah**  
*Client:* M/S Rapid Gulf Contracting LLC *Consultant:* Oasis Consultant

**G+6 Building, Sharjah**

*Client:* M/S Al Nasriya Contracting LLC    *Consultant:* Universal Consultant

**G+4P+13 Building, Sharjah**

*Client:* M/S Solanki Eng Construction LLC    *Consultant:* Universal Consultant

**G+44 Building, Sharjah**

*Client:* M/S Geco Contracting LLC    *Consultant:* Al Abir Consultant

**G+2P+17 Building, Sharjah**

*Client:* M/S Tariq Aboudi Contracting LLC    *Consultant:* Bindalmouk Consultant

**136 Villas, Jumeriah Village, Dubai**

*Client:* M/S System Construction LLC    *Consultant:* Al Wasl Al Jadeed Eng Consultant

**B+G+1 Villa (8 Villas), Dubai Hills, Dubai**

*Client:* M/S Armada Contracting LLC    *Consultant:* Naga Architects Designers & Planners

**G+1 Villa- 1B & 2E, Meydan, Dubai**

*Client:* M/S PNC Investment LLC    *Consultant:* Sobha MEP Design Consultant

**G+1 Kizad Factory, Plot No. 06B, Khalifa Industrial City A, Abu Dhabi**

*Client:* M/S Technovaa Industries LLC    *Consultant:* Consistent Engineering Consultants

**Technical & Etisalat Room, Ajman**

*Client:* M/S Al Zohra Pavilion    *Consultant:* Pierre Pannus Consultants

**Villa, Plot No. 2330220, Al Qusais, Dubai**

*Client:* Mr. Khadia Mohd Salim Abdulla    *Consultant:* Madinati Engineering Consultants

**G+1 Villa, Plot No. 612, Al Sayouh, Sharjah**

*Client:* Mr. Ali Yousif Ali Al Ansarii    *Consultant:* Next Engineering Consultants

**G+1 Villa, Plot No. 878, Al Qaraieen-2, Sharjah**

*Client:* Mr. Mohammed Ghareeb Khalfan Dhaeen Alkaabi  
*Consultant:* Grace Consulting Engineers

**G+1 Villa, Plot No. 430, Al Seyouh-1, Sharjah**

*Client:* Mr. Faisal Ibrahim Mohamed Swaleh    *Consultant:* Al Burhan Engineering Consultants

**G+1 Villa, Plot No. 281-3095, Al Khwaneej First, Dubai**

*Client:* Mr. Fahad Mahmood Abdul Rahim Anoohi.  
*Consultant:* Archdome Consulting Engineers

**Villa, Plot No. 266-1985, Oud Al Muteena Second, Dubai**

*Client:* Mr. Jassem Almas Walid Khamis    *Consultant:* Klick Engineering Consultant

**G+3 Building, Plot No. 105, Muwellieh, Sharjah**

*Client:* Mr. Saeed Mohamed Sultan Al Shamshi    *Consultant:* Oasis Consultant

**B+G+1 Villa, Plot No. 631-6629, Dubai Hills**

*Client:* M/S. Karani Construction LLC    *Consultant:* NAGA Architects Designers & Planners

**G+2 Villa, Plot No. 251-0328, Mirdif, Dubai**

*Client:* M/S. Taawon Contracting LLC    *Consultant:* EmSquare Consultants

**G+2 6Villas, Plot No. JVT01EV1L004-005, Al Barsha South Fifth, Dubai**

*Client:* Mr. Ahmed Sayed Farooq Abdulrahman Al Alawi    *Consultant:* Al Ajmi Engineering Consultants

\*This list is not complete. Only few selected projects are listed here.



Benair Care is an established division with fully equipped service teams supervised by experienced service engineers and our team of certified technicians who are ready to help you beat the summer heat, stay warm during the winter and feel comfortable through out the entire year. We provide 24/7 assistance for any HVAC requirements and we undertake maintenance for all kinds of air-conditioning projects.

We specialize in both residential and commercial air conditioning for homes and businesses. We offer installations, preventive maintenance, repair and replacements for your air-conditioning units

### **Annual Maintenance Contract (AMC)**

Benair Care AMC is designed to provide comfort by maintaining and servicing air-conditioning units like split, package, ducted split and chillers to ensure its trouble free operation. Benair Care upholds an efficient team who undertakes AMC and also provides Periodical Preventive Maintenance (PPM)

### **On Call Service Facility**

Benair Care has a complete on-call service to provide round the clock response to emergency calls. Our helpdesk manager records, assigns and closes all requests and ensure that the scheduled works are carried out.

### **Repairs & Installations**

Benair Care provides exceptional service, affordable repairs and comprehensive solutions to ensure your home and business remains comfortable and energy efficient. We can help you install or upgrade to a new system and how to make the most of your investment.



## Why Choose Us

Benair Care can attend to any situation within the shortest possible time frame. Our team of technicians are professionally trained to diagnose and repair all types of air-conditioning systems.

Our record of excellence gives our customers the confidence that they are receiving the high quality service at exceptional value.

Benair Care boasts a wealth of experienced and qualified engineering staff capable of providing a detailed client required assessment in all air-conditioning installations, saving the clients time and money in getting the right equipment and structures to fulfill their needs in the most energy efficient and economical basis.

We offer warranties on all our installations and we can create a service and maintenance contract to ensure that our customers always stays cool.

Benair Care delivers high quality results within the budget. We are always growing and changing based on the feedback we receive from our clients. We love our clients for giving us valuable feedback and our clients love us because we listen to them time and time again.







Benair is one of the leading duct manufacturing company in the UAE. Since we have automated sheet metal and phenolic duct manufacturing facility, we supply quality HVAC products serving the home market as well as neighboring GCC countries.

Benair Duct manufacturing facility strategically located in the Emirates Industrial City, Sajaa at Sharjah, boasts of it's highly innovative state of the art technology, a brand new Auto Coil Line and CNC Plasma Machine for duct manufacturing enabling us to provide intricate ducting solutions.

As a matter of diversification of our products, we have introduced Benvac product line such as Pre Insulated Ducts, GI Ducts, Climaver Ducts, Volume Control Dampers, Access Doors, Plenum Boxes and Sound Attenuators.

We strive constantly to strengthen ourselves through intensive testing, research and development of our new products.

Few of our projects in 2021

Cleveland Clinic, Reem Island, Abu Dhabi

Expo 2020 Tunisia Pavilion



Volvo Warehouse  
Rashidiya  
Dubai



Royal Grammar School, Dubai



Fujairah Hospital



Carrefour, Al Zahia and Nshama



G+26  
Karama  
Dubai

# PRODUCTS



Having the latest technology and sophisticated duct manufacturing facility in Emirates Industrial City, Sajaa, Sharjah, along with our skilled technicians we are able to produce GI and PI ducts with great quality and quantity within a short span of time. We are the manufacturers of Fabricated Air Ducts, BENVAC brand VCD, Sound Attenuators, NRD, VAV and Access Doors to cater your A/C accessories requirement.



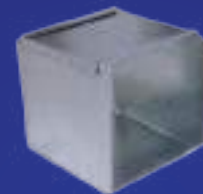
## GI DUCTS

Benair's Rectangular Metal ducts are produced with hot dipped galvanised sheets in accordance with ASTM A 653, Lock forming quality with G90 / Z27 (275 grams / m<sup>2</sup>) zinc coating. Benair Ducts are manufactured with latest and precise CNC machines such as Auto fold & shearing machines, Plasma Arc Cutting machines, Lock formers, Shearing and Auto Seaming machines.

Brands: Nippon - Japan, Jindal - India, AGIS - UAE etc.

## PI DUCTS

Benair fabricates Pre Insulated Ducts with new generation electronic technologies i.e., CNC Operated 5 Axis cutting machine (make: Italy) to cut duct profiles with CUT EXPERT software. Benair supplies pre insulated ducts of panels made from all brands such as Kingspan PAL, WT, Pearl, Easy etc.



Benair produces PI Ducts with all type of pre insulated panels as below :

- Phenolic Panels – UL181
- Phenolic Panels – Non UL Listed
- PIR (Poly Isocyanurate) Panels
- PUR (Polyurethane) Panels
- Pre Insulated Panels are embossed with 80 or 200-micron aluminium foil on both sides.

## CLIMAVER

CLIMAVER is a self-supporting duct easy to assemble. In a single operation insulated duct is obtained.

CLIMAVER is made from glass wool resulting in lightweight ductwork.

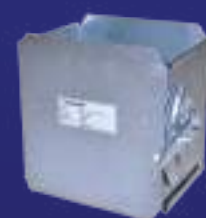
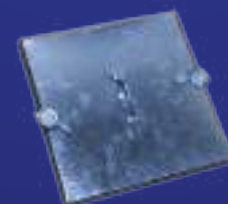
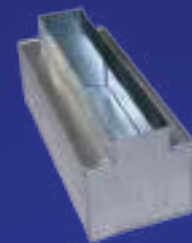
CLIMAVER is environmentally friendly thanks to both thermal performance and excellent airtightness. It also offers high level of comfort to building occupants thanks to high level of acoustic absorption.

CLIMAVER duct board is faced on both sides:

- The surface which will form the external side of the duct has a reinforced aluminium foil facing which will act as a vapour barrier and ensure that the duct is airtight.
- The surface that will form the inner side of the duct (in contact with the airstream) has a facing of either aluminium, glass mat or fabric, depending on the properties required for the duct (acoustics, cleaning).

CLIMAVER has following benefits which sets it apart from other duct types:

- Enhanced acoustic comfort
- Excellent fire protection
- High energy efficiency
- Fast installation
- Light in weight
- Improved indoor air quality



## **Benvac** DAMPERS

### Volume Control Dampers, Motorised VCD, Non Return Dampers

Benvac dampers are designed to control airflow volume in medium to high pressure and velocity HVAC systems. Air volume control dampers that we offer are known for their high tensile strength, application, specific design and long service life.

#### Models:

BVDAL01: GI casing, Aero foiled AL blades, PVC brushes  
BVDGI02: GI casing, V shaped GI blade, Brass brush, Fire rated  
BVRGI03: GI casing, GI blade, PVC brushes  
BVPDGI04: PIR/Phenolic casing, Aluminum blades  
BVND05: GI blades, Brass bush, Low leakage

## **Benvac** SOUND ATTENUATOR

Benvac Sound attenuator is aerodynamically designed to ensure maximum insertion loss and minimal pressure drop. Air-gap and length of silencer are selected to meet the required NC level.

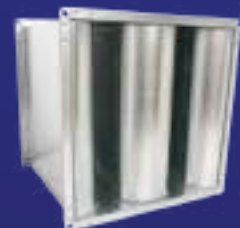
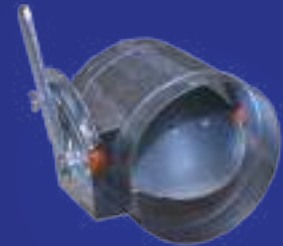
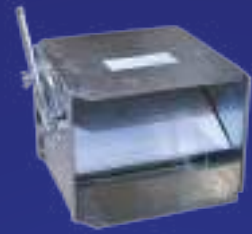
**Casing:** High quality galvanized steel sheet of 0.9mm thickness (standard): up to 1.2mm for bigger sizes.

**Splitters/Baffles:** V-type construction using high quality perforated galvanized steel sheet of 0.7mm thickness .200mm splitter width is standard

**Flange Type:** TDF slip on flange of 35mm width.

**Acoustic Media:** Inorganic, fire-resistant, vermin and moisture proof sound absorbent rock wool of 72kg/m<sup>3</sup> density.

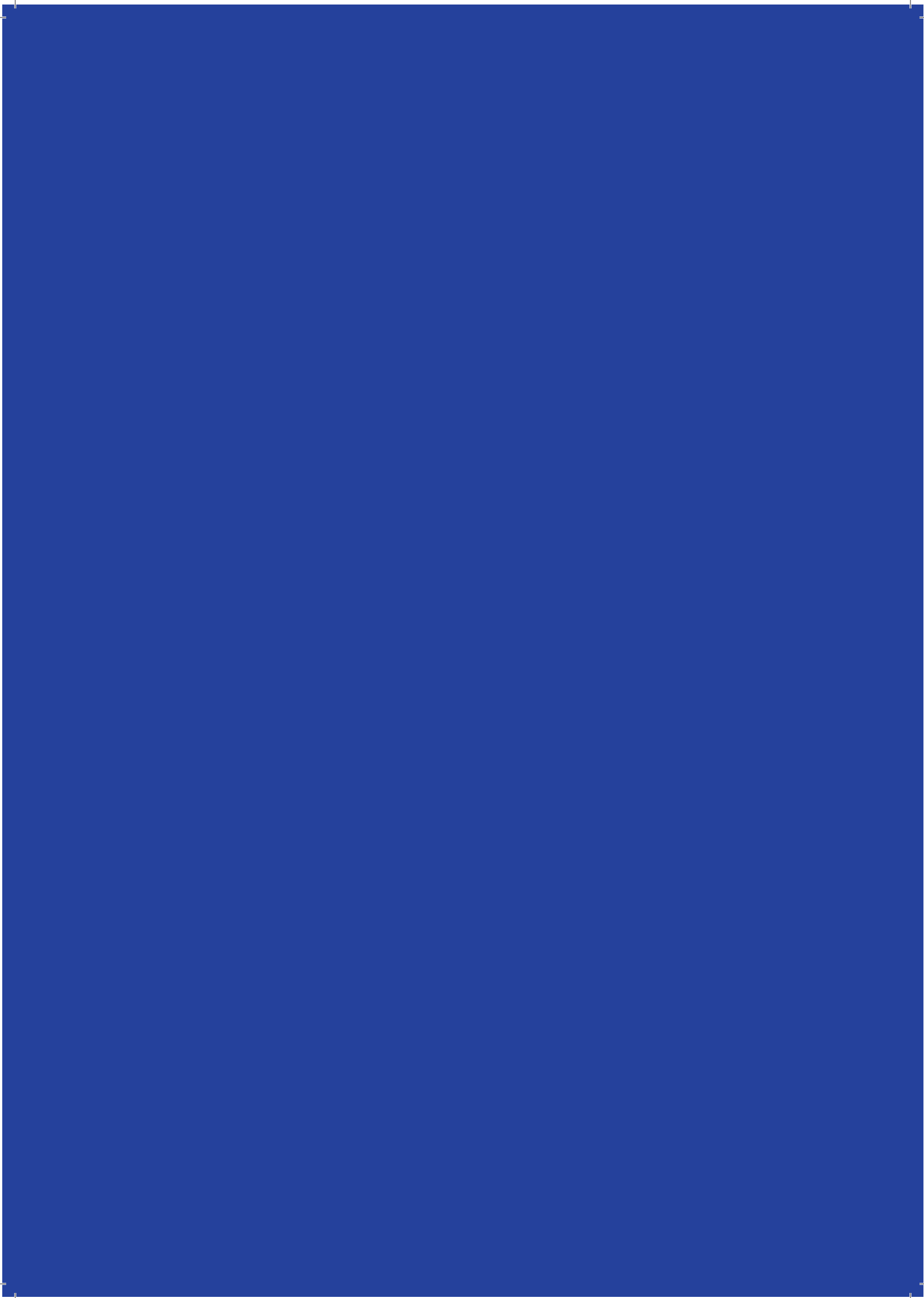
**Liner:** Single faced to prevent the media from entering into the air stream.

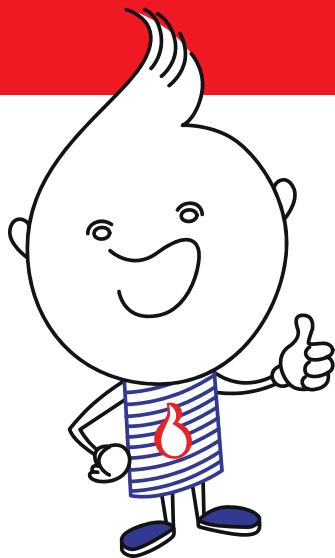




## FEW OF OUR CLIENTS







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