



FLOW DYNAMICS TRADING FZE
فلو داینامیکس تریدنگ

RAKEZ · RAS AL KHAIMAH
UNITED ARAB EMIRATES

— FLOW DYNAMICS TRADING FZE

Company *Profile*

Engineered air, filtration, water and environmental solutions for residential, commercial, industrial and healthcare projects across the UAE.

Quality brands, backed by engineering support.
Authorized distributor for 18 leading international manufacturers since 2017.

2017

ESTABLISHED

18

BRANDS

52

PROJECTS

01 / WHO WE ARE

A specialist HVAC and air *quality* partner.

Flow Dynamics Trading FZE was established in 2017 to supply HVAC equipment, accessories and services for residential, commercial, industrial and healthcare projects across the UAE.

We work with leading international manufacturers and provide on the ground engineering support, so consultants and contractors receive reliable products, correct selections and dependable delivery. Our wide network of clients and partners lets us offer well matched solutions at competitive prices.

Quality service and customer satisfaction sit at the centre of how we work, within clear quality procedures that hold to local and international standards on every project.

2017

ESTABLISHED IN RAKEZ, RAS AL
KHAIMAH

Legal form	Free Zone Establishment
Licence no.	5018771
Authorized distributor	18 brands
Sectors served	8
Projects delivered	52

Vision

To be a reliable supplier of high quality, durable equipment for projects that meet local and international standards, delivered in a timely, safe and quality oriented way.

Mission

To deliver superior service and high quality products, and to pursue client satisfaction while holding to the highest standards of technical and individual excellence and professional business practice.

RELIABLE, HIGH QUALITY PRODUCTS · SERVICE EXCELLENCE · PARTNERSHIP AND CUSTOMER SATISFACTION · COMMITMENT

One supplier, the full *air and water stack.*

01 Ventilation and Air Movement

Commercial, industrial and ATEX certified fans, AHUs, heat recovery, HVLS, smoke and lab exhaust.

02 Air Quality and Filtration

Ecology units, electrostatic precipitators, HEPA, BIBO and laminar flow, activated carbon and bi-polar ionization.

03 UVC and Healthcare Air

UVC germicidal systems for air handling units and clinical environments.

04 Source Capture and Exhaust

Vehicle exhaust extraction, kitchen exhaust cleaning, and fume and dust source capture.

05 Climate and Comfort

Air curtains, dehumidifiers, and textile air dispersion ducting.

06 Water Heating and Solar

Electric water heaters, calorifiers, heat pumps and solar hot water systems.

03 / AUTHORIZED DISTRIBUTOR

The manufacturers *we represent.*

As an authorized distributor, we supply and support equipment from established international brands across ventilation, filtration, air quality, climate and water heating, with technical backing and spare parts support.

 NUAIRE VENTILATION FANS	 KALVENT RESIDENTIAL & COMMERCIAL FANS	 INFINAIR HIGH PLUME & INDUSTRIAL FANS	 BIGFANS HVLS FANS
 ZITRON TUNNEL VENTILATION	 GAFCO LFD, HEPA FILTER SECTIONS & BIBO	 ECOAIR ECOLOGY UNITS	 RYDAIR ELECTROSTATIC & CARBON FILTERS
 Filtrotecnica INERTIA FILTERS	 ANTEC VENTURI AIR VALVES	 BioClimatic IONIZATION	 STERIL-AIRE UVC SYSTEMS
 BERNER AIR CURTAINS	 HIDEW DEHUMIDIFIERS	 FabricAir TEXTILE FABRIC DUCT	 S-TEC VEHICLE EXHAUST SYSTEMS
 ZENITH ELECTRIC WATER HEATERS	 AGUAMAN SOLAR & HEAT PUMPS		

04 / PRODUCT RANGE

Air movement, quality *and filtration.*



ECOAIR

Ecology Units

Ecology units and make-up FAHU for kitchen exhaust and make-up air.



NUAIRE

Ventilation Fans

Commercial, industrial, ATEX certified.



KALVENT

Fans

Residential and commercial fans.



BIGFANS

HVLS Fans

Large diameter industrial airflow.



GAFCO

HEPA, LFD & BIBO

Laminar flow devices, HEPA filter sections and bag-in bag-out.



RYDAIR

Electrostatic & Carbon

Smoke and odour control.



BIOCLIMATIC

Bi-Polar Ionizers

In-duct air disinfection.

04 / PRODUCT RANGE

Climate, capture *and water.*



STERIL-AIRE

UVC Systems

Germicidal UVC for healthcare air.



BERNER

Air Curtains

Entrance air separation.



HIDEW

Dehumidifiers

Pool and process moisture control.



S.TEC

Vehicle Exhaust Systems

Source capture of fumes and dust.



FABRIC AIR

Fabric Ducts

Textile air dispersion.



ZENITH

Electric Water Heaters

Electric storage heaters and calorifiers.



AGUAMAN

Solar Hot Water

Solar tanks and heat pumps.

Specified where air *quality*
matters.

05 / SECTORS
WE SERVE

Residential

Villas and apartments

Government

Civic and defence

Healthcare

Hospitals and clinics

Commercial

Offices and retail

Industrial

Factories and stores

Entertainment

Cinemas and leisure

Schools

Education campuses

Agriculture

Farms and growing

06 / TRACK RECORD

A selection of work *across the Emirates.*

From hospitals and government infrastructure to residential towers,
cinemas and factories, delivered for clients across the UAE since 2017.

06 / PROJECT REFERENCE

Selected projects.

Al Rahba Hospital

UV lamps · Abu Dhabi · SEHA

Mediclinic Hospital Expansion

HEPA and BIBO · Abu Dhabi · Mediclinic

DPSC Pink Room

UVC · Abu Dhabi · SEHA

KIZAD Data Center

Air inspection · Abu Dhabi · FAB

VOX Cinema, Al Reem Mall

Ecology unit · Abu Dhabi · VOX

VOX Cinema, Nation Tower

Ecology unit · Abu Dhabi · VOX

Al Ghurair Reel Cinema

Ecology unit · Dubai · Reel Cinema

Explosive and Weapon Centre

Vehicle exhaust · Al Ain · Abu Dhabi Police

ADP Simulation and Ranges

Venturi valves · Abu Dhabi · Abu Dhabi Police

ADDC Contact Centre

VAV systems · Abu Dhabi · ADDC

ADEK Schools, Baniyas North

Water heaters · Abu Dhabi · Al Dar

Al Mirfaa Villas

Water heaters · Abu Dhabi · ADHA

Shatie Al Raha Residences

Ecology unit and ESP · Abu Dhabi · ADCE

G plus One Residential Villas

Fans · Dubai · ASCORP

Al Baddad Factory

Air filtration · Dubai · Al Baddad Capital

Factory at Jebel Ali

Fans · Dubai · Al Baddad Capital

Vertical Farms

Textile duct · Abu Dhabi · Private

Hubara Conservation Store

Textile duct · Abu Dhabi · IFHC

Falwa Restaurant, Jubail Island

Ecology unit · Abu Dhabi · Falwa

ADQCC, Al Ain

Fans · Al Ain · ADQCC

Al Dhafra Base

Heat exchanger · Abu Dhabi · CMW

Capriole Labour Camp

ESP and carbon · Dubai · Capriole

Archive Store, Musaffah

Air cleaner · Abu Dhabi · DOPA

Al Tayer Mixed Use

ESP · Abu Dhabi · Al Tayer

07 / WHY FLOW DYNAMICS

Why clients and contractors *keep working with us.*

Simple reason: the right product to the right project, on time and up to standard.



Established brands

Equipment and spare parts from 18 established international manufacturers across air, filtration and water.



Engineering support

Correct selection and sizing for the application, not just supply, backed by real technical know-how.



Standards led

Products held to ISO 9001, ISO 14001, ASHRAE 52.1, EN 779 and CE requirements.



Proven across sectors

Delivered on healthcare, government, residential, commercial, industrial and education projects.



Reliable delivery

Clear quality procedures, competitive pricing and dependable supply on every order.



After sales support

Spare parts, trouble-shooting and ongoing maintenance after handover, through our well-trained, highly skilled team and our sister company Thermodynamics Trading.

RELIABLE, HIGH QUALITY PRODUCTS · SERVICE EXCELLENCE · PARTNERSHIP AND CUSTOMER SATISFACTION · COMMITMENT

08 / CREDENTIALS

Licensed, registered *and ready to supply.*



COMMERCIAL LICENCE رخصة تجارية

LICENCE NO: 5018771 رقم الرخصة

TYPE: Freezone التصنيف

LEGAL TYPE: Free Zone Establishment - FZE الشكّل القانوني

LICENCEE: MOH'D FARID IRSHAD IBRAHIM صاحب الرخصة

OPERATING NAME: Flow Dynamics Trading FZE الاسم التجاري

ADDRESS: FAME3293 العنوان
Compass Building,
Al Khaima Industrial Zone-FZ,
Ras Al Khaimah, United Arab Emirates

ACTIVITY: Central Ventilators & Air-Filters Trading
Solar Energy Systems & Components Trading
Fire Fighting & Safety Equipment Trading
Pumps, Engines, Valves & Spare Parts Trading
Air-Condition Trading

MANAGER: MOH'D FARID IRSHAD IBRAHIM المدير

ISSUE DATE: 08-08-2017 تاريخ الإصدار

EXPIRY DATE: 07-08-2026 تاريخ الانتهاء

REMARKS: License & Manager Changed on 08/03/2018
The Licensee must obtain the required approvals from the UAE Competent Government Authorities, as applicable
Changed owner and manager on 10/10/2022

تم تغيير صاحب الرخصة والمدير بتاريخ 2018/03/08
على المرخص له الحصول على كافة الموافقات اللازمة من الجهات الحكومية المختصة في دولة الإمارات العربية المتحدة حسب الاقتضاء.
تم تغيير المالك والمدير بتاريخ 2022/10/10

ملاحظات



شهادة تسجيل لضريبة القيمة المضافة في الإمارات العربية المتحدة
Certificate of Registration for Value Added Tax in the United Arab Emirates

The Federal Tax Authority certifies that the entity below is a registered person for Value Added Tax in the UAE.

Full Arabic legal name: فلو ديناميكس تيردينغ م م ج الاسم القانوني الكامل باللغة العربية

Full English legal name: Flow Dynamics Trading FZE الاسم القانوني الكامل باللغة الانجليزية

Registered address: برج 20210 - طابق 2 - مبنى 01، الحزام الصناعية، رأس الخيمة، الإمارات العربية المتحدة، 5018771 العنوان المسجل

Tax Registration Number: 100528923400003 رقم التسجيل الضريبي

Effective Registration Date: 01/05/2018 تاريخ التسجيل الفعلي

First VAT Return Period: 01 May 2018 - 31 Jul 2018 and quarterly thereafter فترة أول إقرار لضريبة القيمة المضافة

VAT Return due date: 28 Aug 2018 تاريخ استحقاق إقرار ضريبة القيمة المضافة

Start and end dates of Tax periods: 1 Feb to 30 Apr, 1 May to 31 July, 1 Aug to 31 Oct, 1 Nov to 31 Jan بداية ونهاية الفترات الضريبية

يرجى التأكد من صحة تفاصيل الشهادة، يجب إبلاغ الهيئة الاتحادية للضرائب في حال تغير الاسم التي حصلت فيها على رقم التسجيل الضريبي الخاص بك.
Please check that the details on this certificate are correct. You must inform the Federal Tax Authority of any change on the basis of which you obtained your Tax Registration Number.

Issuing Date: 14/05/2018 تاريخ الإصدار

Commercial Licence

Issued by the Ras Al Khaimah Economic Zone Authority. Free Zone Establishment licensed for ventilation, air filtration, solar, safety and air-conditioning equipment trading.

NO. 5018771 · VALID TO 07 AUG 2026

VAT Registration

Registered with the Federal Tax Authority of the United Arab Emirates under a valid Tax Registration Number for fully compliant tax invoicing.

TRN 100528923400003 · FEDERAL TAX AUTHORITY, UAE



FLOW DYNAMICS TRADING FZE

فلو داینامیکس تریدنگ

Tell us the project. We will move *your air*.

Share the specification and the standard. We will match the equipment, the selection and the delivery, and support it after handover.

RAS AL KHAIMAH · HEAD OFFICE

Compass Building, Al Shohada Road,
Al Hamra Industrial Zone-FZ,
Ras Al Khaimah, United Arab Emirates

ABU DHABI · OFFICE

E-18, Jumaa Mohammad Kaltham Building,
M-03, Al Amthal Street,
Abu Dhabi, United Arab Emirates

TELEPHONE

+971 50 554 0245
+971 56 272 2553

EMAIL & WEB

info@flowdynamics-ae.com
www.flowdynamics-ae.com

LICENCE

RAKEZ FZE · No. 5018771

WHATSAPP

+971 50 554 0245