



Vision Co. for Business Services

شركة فيجن كو فور بيزنس لخدمات الأعمال

Innovative Energy-Efficient Air Conditioning Solutions

“A Breath of Fresh Air
in the HVAC Industry”



What **We Offer**

We offer complete, end-to-end, bespoke HVAC solutions to industrial, commercial, and residential customers across the Kingdom of Saudi Arabia, serving both private and governmental sectors. Leveraging our technical knowledge and experience, we customize our services and project solutions to meet the unique needs of our clients while addressing the specific challenges of their buildings and facilities. We provide HVAC solutions featuring globally recognized brands, including **Clivet, Midea, LG, Daikin, Trane, and York**, ensuring high-quality, efficient, and reliable systems tailored to each project's requirements.



Our Products



Chiller Systems

Offices & Small Commercial Buildings; Shopping Centers; Hospitals

VRF Systems

Commercial buildings; Hotels; residential & more

AHU & FCU

Malls & Retail Centers; Stations & Airports





Residential Systems

New Homes & Retrofits

Rooftop Package

Malls & Showrooms; Industrial Facilities

Control Systems

Digital Automated Control & Building Management Systems (BMS)



Rooftop Package



Specifications

Nominal tons *			7.5	10	25	
Model			CKTC-3-XHE 10.1	CKTC-3-XHE 14.2	CKTC-3-XHE 38.2	
Power supply			380 - 415V~, 3Ph, 60Hz	380 - 415V~, 3Ph, 60Hz	380 - 415V~, 3Ph, 60Hz	
Cooling (T1)	Capacity	Btu/h	84,000	124,000	282,000	
		kW	24.6	36.3	82.6	
	Power input	kW	7.240	11.071	28.200	
	EER	Btu/h.W	11.6	11.2	10.0	
Cooling (T3)	Capacity	Btu/h	72,000	107,000	248,000	
		kW	21.1	31.4	72.7	
	Power input	kW	8.670	13.300	34.100	
	EER	Btu/h.W	8.3	8.0	7.3	
Air flow (Evaporator)	CFM	2,800@ 60Pa(0.24 in.wg.)	3,800@ 70Pa (0.28 in.wg.)	10,000@ 110Pa (0.44 in.wg.)		
	l/s	1,322@ 60Pa (0.24 in.wg.)	1,794@ 70Pa (0.28 in.wg.)	4,722@ 110Pa (0.44 in.wg.)		
ESP range (Standard)	Pa	150 - 0	200 - 0	300 - 0		
	in.wg.	0.6 - 0	0.8 - 0	1.2 - 0		
ESP range (Customized) (High static pressure)	Pa	500 - 250	500 - 250	500 - 200		
	in.wg.	2.0 - 1.0	2.0 - 1.0	2.0 - 0.8		
Capacity steps (Circuits)			(1) 0 - %100	(2) 0 - %50 - %100	(2) 0 - %50 - %100	
Max. overcurrent protection		A	40	60	90	
Compressor	Type		Scroll	Scroll	Scroll	
	Quantity		1	2	2	
	Brand		Danfoss	Copeland	Danfoss	
Condenser fan	Type		Axial	Axial	Axial	
	Quantity		1	2	2	
	Drive type		Direct drive	Direct drive	Direct drive	
	Materials		Plastic	Metal	Plastic	
Condenser motor insulation class			F	F	F	
Condenser motor protection class			IP44	IP44	IP44	
Evaporator fan	Type		Centrifugal	Centrifugal	Centrifugal	
	Quantity		1	1	1	
	Drive type		Belt, adjustable	Belt, adjustable	Belt, adjustable	
	Materials		Metal	Metal	Metal	
Condenser / Evaporator			Hydrophilic aluminum fin / Inner grooved copper pipe			
Sound pressure level		dB(A)	78.0	72.0	79.0	
Refrigerant	Type		R410A	R410A	R410A	
	Control		Throttle valve	Throttle valve	Capillary	
	Charged	kg	7.4	6.4 + 6.4	14.0 ± 14.0	
		lbs	16.31	14.11 + 14.11	30.87 ± 30.87	
EHK power input	Option 1	kW	10	20	28	
	Option 2	kW	14	24	36	
Thermostat			KJR-298			
Centralized controller (Customized)			KJR-298			
Ambient temperature		°C	52 - 10	52 - 10	52 - 10	
		°F	125.6 - 50	125.6 - 50	125.6 - 50	
Operation temperature		°C	30 - 17	30 - 17	30 - 17	
		°F	88 - 62	88 - 62	88 - 62	
Drainage pipe			3/4" NPT	3/4" NPT	3/4" NPT	
Filter	Quantity		2	3	3	
	Type		Nylon, washable	Nylon, washable	Nylon, washable	
	Size	mm	(12 x 500 x 1,050)x2	(12 x 575 x 1,040)x3	(12.5 x 640 x 1,420)x3	
Net dimension (W x H x D)		inch	(2/1 x 4/3-19 x 8/3-44)x2	(2/1 x 8/5-22 x 41)x3	(2/1 x 4/1-25 x 8/7-55)x3	
		mm	1,130 x 1,230 x 1,965	1,965 x 1,255 x 2,230	2,230 x 1,655 x 2,885	
		inch	2/1-44 x 2/1-48 x 8/3-77	8/3-77 x 8/3-49 x 8/7-87	8/7-87 x 8/1-65 x 8/5-113	
Packing dimension (W x H x D)		mm	1,145 x 1,265 x 1,975	1,980 x 1,290 x 2,250	2,230 x 1,690 x 2,895	
		inch	45 x 8/7-49 x 4/3-77	78 x 4/3-50 x 8/5-88	8/7-87 x 2/1-66 x 114	
		kg	390/730	650/615	1,260/1,180	
Net / Gross weight		lbs	860/816	1,433/1,356	2,778/2,602	
Loading	40 / 20'HQ	Pcs	24 / 5	12 / 3	4 / 2	

Notes:

*: Nominal ton is only for reference, cooling capacity as per specifications.

#. Please contact with Clivet sales team when adjust the fan speed of 5 ton unit.

1. Cooling (T1) test condition: Indoor temperature 27°C (80.6°F) DB/19°C (66.2°F) WB, outdoor temperature 35°C (95°F).

2. Cooling (T3) test condition: Indoor temperature 29°C (84.2°F) DB/19°C (66.2°F) WB, outdoor temperature 46°C (114.8°F).

3. Units are suitable for operation to ±%20 of nominal air flow.

4. EHK means Electric Heater Kit. Only one EHK can be fixed per unit.

5. Sound pressure values are measured in a semi-anechoic room, at a position 1m front of the unit and 1/4/0.5 + 2m' above the floor (H for unit's height).

6. Specifications are subject to change without prior notice for product improvement.

30.7 ton unit hasn't high static pressure model.

Features

Durable Cabinet:

1,000 hours salt spray test is passed. G90 galvanized heavy gauge plate conforming to ASTM-A-653.

Rotatable and Durable control box:

Easy operation & spray-painted against corrosion

Variable pulley & Large centrifugal Fan

Except 5 Ton unit

Anti-corrosion & Large metal axial fan

High efficient heat exchanger

Tropical Copeland and Dandoss scroll compressor



SYSTEM SELF-DIAGNOSTIC

- ❖ Press the 'Check' button, the LED display in PCB board of the unit will display the normal checking code.
- ❖ If the unit is in running with abnormal operation, the LED display will show the error code.



EXTERNAL PRESSURE GAUGE PORTS

The unit provides external pressure gauge ports for convenient and fast checking system pressure without removing the panel.



WASHABLE FILTER

Washable nylon filter as standard.
Aluminum filter is optional.

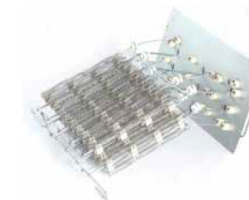
FLEXIBLE INSTALLATION

- ❖ Compact design
- ❖ Flanges of air flow inlet and outlet as standard
- ❖ It is suitable for installation in rooftop and ground.



EHK

Electric heater kit is optional.



Vision Co & Innovation

1 Efficient

The strategic adoption of innovative technologies and thoughtful systems design can yield remarkable outcomes, including substantial reductions in energy usage and operating costs for businesses

2 Smart

Intelligent monitoring and control systems enable our solutions to perform at maximum efficiency, while also ensuring that faults and operational issues are managed proactively

3 Maintained

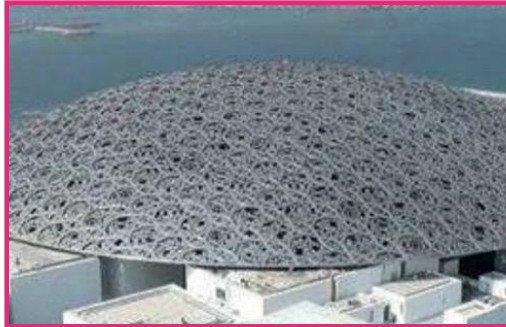
By helping people to understand how to use our systems sensibly and responsibly, we can significantly reduce the consumption of energy and other resources

4 Educated

Rigorous preventative and reactive maintenance protocols are critical to keeping our HVAC systems functioning effectively and energy-efficiently



Project References



Abu Dhabi, UAE

Water cooled screw Chillers
(4 Nos.* 820 KW), COP: 6.3



Fakeeh University Hospital Dubai, UAE

2 Nos. 140 T.R. Water Cooled
Heat Pumps



Ajmal Sarah Tower Dubai, UAE

Water Cooled Screw Chillers
(300 Tons * 4 Nos. Chillers)
+FAHU & FCU



Sharjah, UAE

WSAT XTR CHILLERS 2 Nos. /
AHUs 17 Nos. / FAHUs 9 Nos.
/ FCUs / CCU



Dubai, UAE

Screw Chillers 3 Nos.,
Scroll Chillers 3 Nos. AHU & FCU



Expo 2020 Italian Pavillion Dubai, UAE

VRF Systems



Project References



kerzner®

**Atlantis - Kerzner
International Resorts
Dubai, UAE**

Package Units, AHU



M<RO

**Moro 2.0 Data Centre
Dubai, UAE**

VRF System , Package Unit,
FAHU & DX



Khazna

**Hermes 1 Data Centre -
AUH 7 Abu Dhabi, UAE**

VRF System , FAHU & DX



SALALAH GRAND MALL
Salah for you

**Grand Salalah Mall
Salalah, Oman**

Air Cooled Screw Chillers 6 nos.
(Capacity: 8,580 KW), AHUs, FCUs



ALDAR

**Al Dar Headquarters
Abu Dhabi, UAE**

AHU (15 Nos.) FCU (250 Nos.)



ADNEC
مركز أبوظبي الوطني للمعارض
Abu Dhabi National Exhibition Centre

**Abu Dhabi National
Exhibition Centre Abu
Dhabi, UAE**

AHU (60 Nos.) & FCU (530 Nos.)



Project References



Burj Khalifa Water Fountain, Dubai, UAE

AHU (41 Nos.) & FCU



Tower A Business Bay Hotel - P106, Dubai, UAE

AHU (88 Nos.)



Dubai Maritime City Commercial Complex, Offices, Congresses Dubai, UAE

AHU & FCU



Al Fattan Palm Resort – Jumeirah Dubai, UAE

AHU & FAHU (25 Nos.)



Al Zahra Hospital, Alsharjah, UAE

AHU & FAHU (15 Nos.),
FCU (355 Nos.), CCU



Al Zahra Hospital, Alsharjah, UAE

AHU (50 Nos.), FCU (230 Nos.), CCU



Project References



Al Bandar, UAE

FCU (1,530 Nos.) & AHUs (Nos.10)



Al Zeina, UAE

FCU (3,270 Nos.) & AHUs (34 Nos.)



Sorbonne University Abu Dhabi, UAE

AHU (62 Nos.)



W Hotel – The Palm Dubai, UAE

FCU (2,100 Nos.)



Certifications



Eurovent

Clivet is part of the EUROVENT Certification Programme for "Water Chillers", "Rooftop units", "Air handling units" and "VRFs".



Integrated Management System

Clivet has certified its Quality, Environment and Safety Management Systems according to the international standards ISO 9001, ISO 14001 and ISO 45001.



Safety standard

Products compliant with applicable Directives as required in all EU countries.



ERP – Energy-related Products

Clivet products and systems meet the requirements of the ErP Delegated Regulations.



KeyMark

European brand for the provision of incentives for the installation of heat pumps to heat and produce domestic hot water. Countries where the brand is recognised and Certified Products available at keymark.eu/en



Ekosklad

Slovenian government brand for the promotion and protection of the environment and sustainable development.



SG-Ready

Heat pumps certified to be connected to a smart grid to optimise consumption in combination with renewable energy systems.



AHRI

AHRI's globally recognized and industry respected certification program helps you, as equipment and component manufacturers, sell more products, win bids, differentiate yourselves from competitors, and comply with government requirements.



TUV Sud - Europe
Air handling unit in hygienic design range "AQX"



Saudi Arabia Standards
Products compliant with Saudi Arabia standards (SASO)



MEPS
Australia & New Zealand



Clivet Clients





Saudi Vision 2030

At Vision Co., we are proud to support the ambitions of the Saudi Vision 2030 and we are committed to helping our nation achieve the goals of the Vision Realization Programs. In particular, through our innovative and sustainable solutions, **we will help support:**



Housing Program

Which works to provide housing solutions that enable Saudi families to own and benefit from suitable houses based on their personal needs and financial capabilities



National Industrial Development and Logistics Program

Which aims to transform the Kingdom into a leading industrial powerhouse and a global logistics hub.



Quality of Life Program

Which endeavors to improve quality of life by creating the environment to develop and support new livable and lifestyle options.

Working
Together For

A Vibrant
Society

A Thriving
Economy

An Ambitious
Nation





Vision Co. for Business Services
شركة فيجن كو فور بيزنس لخدمات الأعمال



Riyadh Headquarters

2855 Al Hajjaj Ibn Yusuf
Az Zahra Dist., Riyadh 12812



0599100679



h.office@visionco.ltd

