



montair

CLOSE
CONTROL
SYSTEMS

PRODUCT OVERVIEW



FUJITSU

FUJITSU GENERAL
AIR CONDITIONING UK

EXCELLENCE AND INNOVATION IN
PRECISION AIR CONDITIONING



CLOSE
CONTROL
SYSTEMS

PRODUCT OVERVIEW

 **G.I. INDUSTRIAL**
HOLDING

40 YEARS
OF **EXPERIENCE** IN
AIR **CONDITIONING**,
INDUSTRIAL
PROCESS
COOLING,
PRECISION **AIR**
CONDITIONING AND
AIR TREATMENT.





EXCELLENCE AND INNOVATION IN PRECISION AIR CONDITIONING.

For 40 years MONTAIR has been the name of excellence in precision air conditioning in high technology environments: Cooling Systems for technical applications such as Server Rooms and Telecommunication Plants.

Montair trademark is in the network of **G.I. INDUSTRIAL HOLDING**, a Company of the multinational **G.I. HOLDING Group**, which offers a complete range of solutions for comfort and industrial cooling: air conditioning and air handling systems in commercial or industrial buildings, cooling systems for server rooms and industrial process.

G.I. INDUSTRIAL HOLDING has grown by the acquisition of historic Companies operating for decades in the different fields of air conditioning and industrial cooling.

In rapid international expansion, the Company now operates internationally with an extensive productive and sales network, with 4 European production plants and a network of 30 Sales Representatives in Italy and over 60 Distributors in more than 70 Countries in the World, coordinated by 3 Sales Offices.

In 2017 the G.I. HOLDING Group signed a Strategic Collaboration agreement with the multinational **FUJITSU GENERAL LIMITED**, for joint development of dedicated product ranges of residential and commercial air conditioners.

2018

New MONTAIR liquid Chillers product range
ErP compliant

2017

New G.I. HOLDING
headquarters and
manufacturing plant

2017

Strategic Collaboration with
FUJITSU GENERAL LIMITED

2016

GIMEK new plant start-up

2015

G.I. MIDDLE EAST start-up

2013

G.I. INDUSTRIAL ASIA HOLDING
start-up

2009

MONTAIR acquisition

2009

GIMEK acquisition

2004

CLINT brand launch

2003

NOVAIR acquisition

2002

KTK KLIMATECHNIK
acquisition

2000

G.I. HOLDING Group
start-up

1976

Oldest acquired Company
start-up

CLOSE CONTROL LINE FOR MEDIUM-DENSITY DATA CENTRES <20 KW/RACK

1 DIRECT EXPANSION CLOSE CONTROL UNITS WITH FULL INVERTER TECHNOLOGY



Close Control units with INVERTER Scroll compressors and EC INVERTER Plug-Fans.

RANGES:

XIP: Aircooled direct expansion units with full Inverter technology.

TIP: Aircooled direct expansion Dual Fluid units with full Inverter technology.

INVERTER COMPRESSOR TECHNOLOGY

EC INVERTER PLUG FAN



✓ Cooling capacity: 17÷136 kW (5÷39 TON)

✓ Inverter Scroll Compressors

✓ EC Inverter Plug-Fans

✓ EER up to 4,5

✓ Compact dimensions

✓ Low noise level

✓ Electronic expansion valve

✓ Constant airflow and static pressure

✓ Suitable for high external ambient temperature (up to 52°C)

2 DIRECT EXPANSION CLOSE CONTROL UNITS



Close Control units with Scroll compressors and EC INVERTER Plug-Fans or radial fans.

RANGES:

XOP: Aircooled direct expansion units with EC Inverter Plug-Fans.

XOC: Aircooled direct expansion units with radial fans.

TOP: Aircooled direct expansion Dual Fluid units with EC Inverter Plug-Fans.

TOC: Aircooled direct expansion Dual Fluid units with radial fans.

HOP: Watercooled direct expansion units with EC Inverter Plug-Fans.

HOC: Watercooled direct expansion units with radial fans.

FOP: Watercooled direct expansion Free-Cooling units with EC Inverter Plug-Fans.

FOC: Watercooled direct expansion Free-Cooling units with radial fans.

EC INVERTER PLUG FAN



✓ Cooling capacity: 9÷152 kW (3÷43 TON)

✓ EC Inverter Plug-Fans

✓ Radial fans

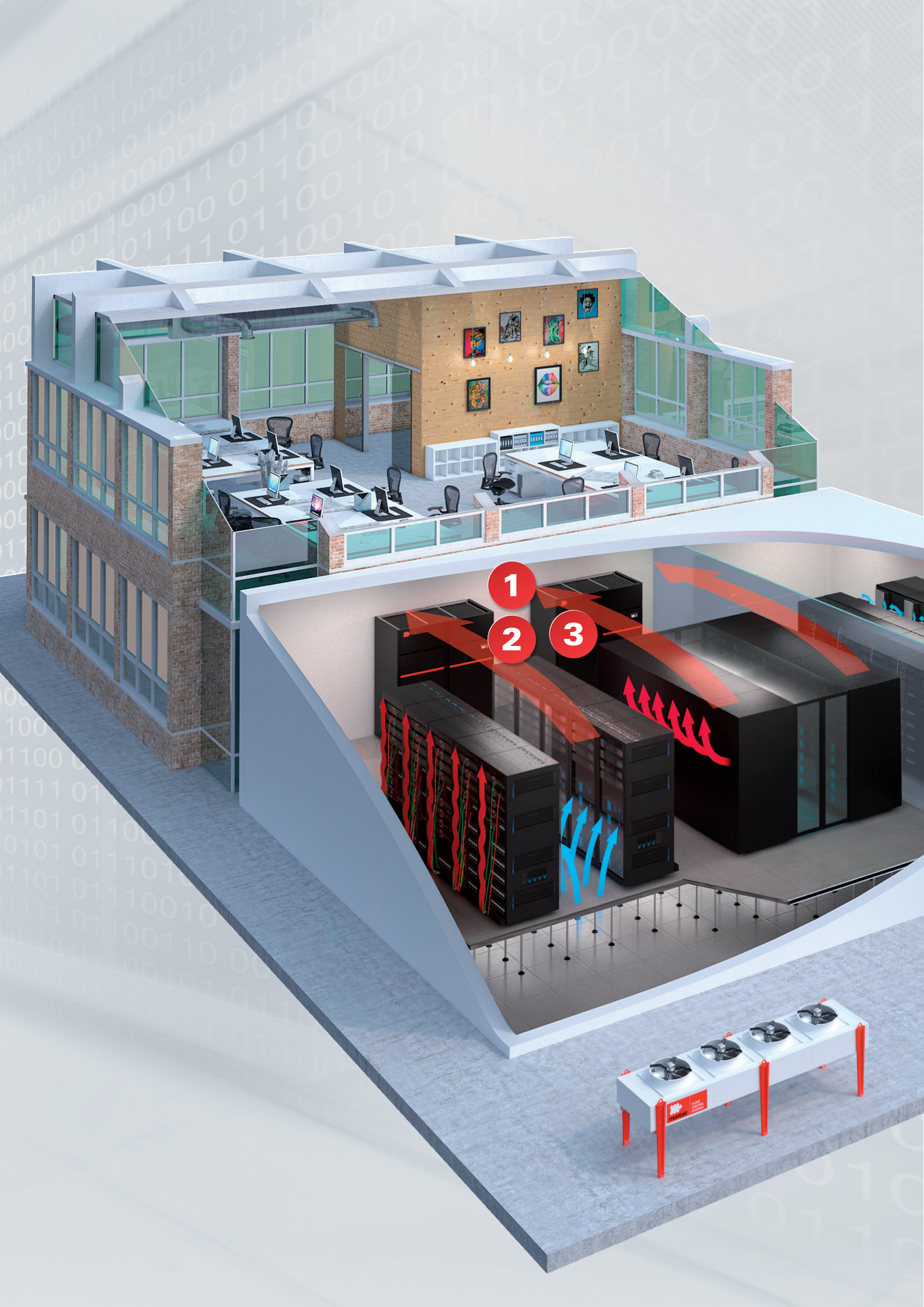
✓ Free-Cooling technology

✓ Compact dimensions

✓ Electronic expansion valve

✓ Constant airflow and static pressure

✓ Suitable for high external ambient temperature (up to 52°C)



3

CHILLED WATER CLOSE CONTROL UNITS



Close Control units with EC INVERTER Plug-Fans or radial fans.

RANGES:

WOP: Chilled Water units with EC Inverter Plug-Fans.

WOC: Chilled Water units with radial fans.

DOP: Chilled Water Dual Coil units with EC Inverter Plug-Fans.

DOC: Chilled Water Dual Coil units with radial fans.

WOPU: Chilled Water Underfloor units with EC Inverter Plug-Fans.

DOPU: Chilled Water Dual Coil Underfloor units with EC Inverter Plug-Fans.

NEW

EC INVERTER PLUG FAN 

CHILLED
H₂O

✓ Cooling capacity: 9÷282 kW (3÷80 TON)

✓ EC Inverter Plug-Fans

✓ Radial fans

✓ Underfloor installation

✓ Compact dimensions

✓ Constant airflow and static pressure

4



PRODUCT RANGE

MONTAIR offers an innovative energy efficient and reliable range of cooling systems for medium and high-density Data Centres as well as Packaged units for telecom application systems.

LOGICA* SYSTEM: LATEST GENERATION FOR HIGH-DENSITY DATA CENTRES >20 KW/RACK

4 LOGICA*: THE HYDRONIC COOLING DOOR WITH LEAK PREVENTION SYSTEM

Not Currently offered by Fujitsu



LOGICA SYSTEM is the latest generation solution for high density server rooms: a system of cooling doors installed on the racks and operating with liquid Chillers to provide localized cooling directly to server hot spots. LOGICA includes the patented LEAK PREVENTION SYSTEM.

COMPONENTS:

- 1: Rear Cooling Door.
- 2: High Efficiency liquid Chiller.

- 3: Leak Prevention System.
- 4: Management System.



- ✓ Cooling capacity: 25÷45 kW (7÷13 TON) each door
- ✓ Maximum data protection
- ✓ Compactness, flexibility and adaptability
- ✓ Easy maintenance
- ✓ Low installation costs
- ✓ Remote management
- ✓ Suitable for high external ambient temperature (up to 52°C)

TELECOM APPLICATION SYSTEMS

Not Currently offered by Fujitsu

OUTDOOR AND INDOOR PACKAGED UNITS



EC INVERTER PLUG FAN

Outdoor and Indoor Direct Expansion Packaged units for Telephone Exchangers and Telecommunication Shelters.

RANGES:

- CZ:** Outdoor Packaged units with (EC Inverter) Plug-Fans.
- CY:** Indoor Packaged units with (EC Inverter) Plug-Fans.
- CZ...XT:** Outdoor Packaged units with (EC Inverter) Plug-Fans for high external ambient temperature (up to 52°C).
- CY...XT:** Indoor Packaged units with (EC Inverter) Plug-Fans for high external ambient temperature (up to 52°C).



- ✓ Cooling capacity: 4÷29 kW (1÷8 TON)
- ✓ EC Inverter Plug-Fans
- ✓ Free-Cooling technology
- ✓ Suitable for high external ambient temperature (up to 52°C)



FUJITSU GENERAL
AIR CONDITIONING UK



Via Max Piccini, 11/13 • 33061 RIVIGNANO TEOR • ITALY
Tel. +39 0432 823011 • Fax +39 0432 773855
www.montair.it • e-mail: info@montair.it

A Company of:



Sales Offices:

FUJITSU GENERAL AIR CONDITIONING (UK) LTD

Unit 150 Centennial Park,
Centennial Avenue,
Elstree,
Hertfordshire
WD6 3SG
Tel: +44 (0) 208 731 3450 Fax: +44 (0) 208 731 3451
www.fujitsu-general.com/uk

Production Plants:

Via Max Piccini, 11/13
33061 RIVIGNANO TEOR • ITALY

Via G. Ambrosio, 4
33053 LATISANA • ITALY

Via J. Keplero, 27
35028 PIOVE DI SACCO • ITALY

GIMEK Zrt
Rozália Park, 11
H-2051 BIATORBÁGY • HUNGARY
www.nimek.hu

07.2018

G.I. INDUSTRIAL HOLDING S.p.A. is not responsible for possible errors of this catalogue and can change, without prior notice, the present data.

200MTD0015XBXX

VISIT www.montair.it