SMART COOLING

CHILLER TUNING

DATA CENTERS

REFERENCE LIST













orange™ vodafone DIGITAL REALTY Schneider Electric Carrier hp

Khazna Google Johnson Controls DAIKIN TRANE

SIEMENS TATA Microsoft TELECOM ITALIA amazon GEA

NEXT LEVEL CHILLER EFFICIENCY

FOR MISSION CRITICAL PERFORMANCE



We operate in more than 45 countries around the globe



North America | Europe | Asia | Australia

CLIENT

OBJECT DESCRIPTION



DALLAS 01
Contractor – SCT
Chiller Details – York YVAA
Location – Dallas, Texas, USA
Project Execution - Blue Energy Global / Smart Cooling™



MICROSOFT BANGALORE DATA CENTER
Contractor – Johnson Controls Ltd.
Chiller Details – York YVAA / Carrier 30XA
Location – Bangalore, India
Project Execution - Blue Energy Global / Smart Cooling™



DATA CENTER
Contractor – Blue Energy Global
Chiller details – Trane TACA
Location – Mesa, Arizona, USA
Project Excution - Blue Energy Global / Smart Cooling™



AMAZON FRANCE DATA CENTER
Contractor - Blue Energy Global
Chiller Details – Carrier 30XA
Location - France
Project Execution - Blue Energy Global / Smart Cooling™

NEXT LEVEL CHILLER PERFORMANCE

EXPERTISE AND TECHNOLOGY IN ADIABATIC PRE-COOLING

C1 LEVEL



Certified quality:

- Complies with **TIER III**, **TIER IV**, **UL**, **ETL**, **ISO** and **CE** standards Laboratory-tested, mission-critical verified performance.
- **Fast installation** — minimal pressure drop and optimized delta for stable chiller operation.
- **T-Modular,** compact architecture — no limitations in space, location, or chiller-configuration water dosing.
- Improved chiller **COP control** — optimized coil air temperature through a precise, intelligent pre-cooling system.
- **17 years** of experience in chiller tuning with a patented high-pressure condenser pre-cooling technology designed for mission-critical environments.

Intertek

European Patent Office

ISO 9001

CLIENT

OBJECT DESCRIPTION



SBB SERBIA DATA CENTER

Contractor – SBB Serbia
Chiller Details – Uniflair
Location – Serbia
Project Execution - Blue Energy Global / Smart Cooling™



ORANGE TELECOM Z

Contractor - Blue Energy Global
Chiller Details – Trane RTAC 500
Location – Paris, France
Project Execution - Blue Energy Global / Smart Cooling™



TELECOM ITALIA DATA CENTER

Contractor - C/O Immobile Telecom
Chiller Details – Trane RTAF 450
Location – Italy
Project Execution - Blue Energy Global / Smart Cooling™



VODAFONE PORTUGAL DATA CENTER

Contractor - Vodafone
Chiller Details – Trane 39CA538
Location – Portugal
Project Execution - Blue Energy Global / Smart Cooling™

Laboratory testing
“OEM” Approvals - efficiency reports

C1



*Fully tested pre-cooling technology, with fan pressure loss and temperature-reduction efficiency measured in OEM laboratories under controlled conditions.

All results are independently verified and lab-tested.

Schneider Electric

Carrier

Johnson Controls

TRANE

DAIKIN

VERTIV

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CLIENT

OBJECT DESCRIPTION



VODAFONE DC SOUTH AFRICA DATA CENTER

Contractor - Vodafone
Chiller Details – York YVAA
Location – South Africa
Project Execution - Blue Energy Global / Smart Cooling™



TELENOR DATA CENTER

Contractor – TELENOR
Chiller Details – Carrier 30XA
Location – Serbia
Project Execution - Blue Energy Global / Smart Cooling™



KHAZNA DXB03 DATA CENTER

Contractor – Daikin Air Conditioning LLC
Chiller Details – Daikin EWFD
Location – Dubai, UAE
Project Execution - Blue Energy Global / Smart Cooling™



TATA DATA CENTER

Contractor – Trane India
Chiller Details – Trane RTAF 500
Location – India
Project Execution - Blue Energy Global / Smart Cooling™

CASE STUDY

Project: “Hyperscale Data Center”

London, DC



CFD Analysis:	**48°C / 118°F**
Chiller Design:	**38°C / 100°F**
SC Approach:	**38°C / 100°F**
Chiller kW Cap:	**378 kW**
Water Use:	**1.4 CMH / 6.16 GPM**
Total Hours Per Year:	**50h-100h**

CLIENT

OBJECT DESCRIPTION



UK LONDON DATA CENTER

Contractor – Blue Energy Global
Chiller Details – Trane GVAF
Location – London, UK
Project Execution - Blue Energy Global / Smart Cooling™



KHAZNA AUH06 DATA CENTER

Contractor - Johnson Controls International
Chiller Details – York YVFA
Location – Abu Dhabi, UAE
Project Execution - Blue Energy Global / Smart Cooling™



CISCO HQ DATA CENTER

Contractor - Johnson Controls International
Chiller Details – Carrier 30GTN
Location – Dubai, UAE
Project Execution - Blue Energy Global / Smart Cooling™



DIGITAL REALTY DATA CENTER

Contractor – Enelp
Chiller details – Vertiv
Location – Croatia
Project Excution - Blue Energy Global / Smart Cooling™

CONTACT US

TO LEARN MORE ABOUT
SMART COOLING TUNING SOLUTIONS
FOR MISSION CRITICAL PERFORMACE

SMART COOLING
CHILLER TUNING

watch latest video



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