



SMART COOLING
CHILLER TUNING
DATA CENTERS
REFERENCE LIST

Khazna



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™

**MSA1, MSA2 DATA CENTERS**

Contractor – Blue Energy Global

Chiller details – Trane TACA

Location – Mesa, Arizona, USA

Project Execution - 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.



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™**

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™

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 Execution - Blue Energy Global / Smart Cooling™

CONTACT US
TO LEARN MORE ABOUT
SMART COOLING TUNING SOLUTIONS
FOR MISSION CRITICAL PERFORMANCE

SMART COOLING

CHILLER TUNING

watch latest video



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