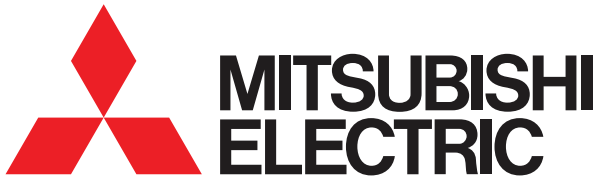

ecodan®
Renewable Heating Technology

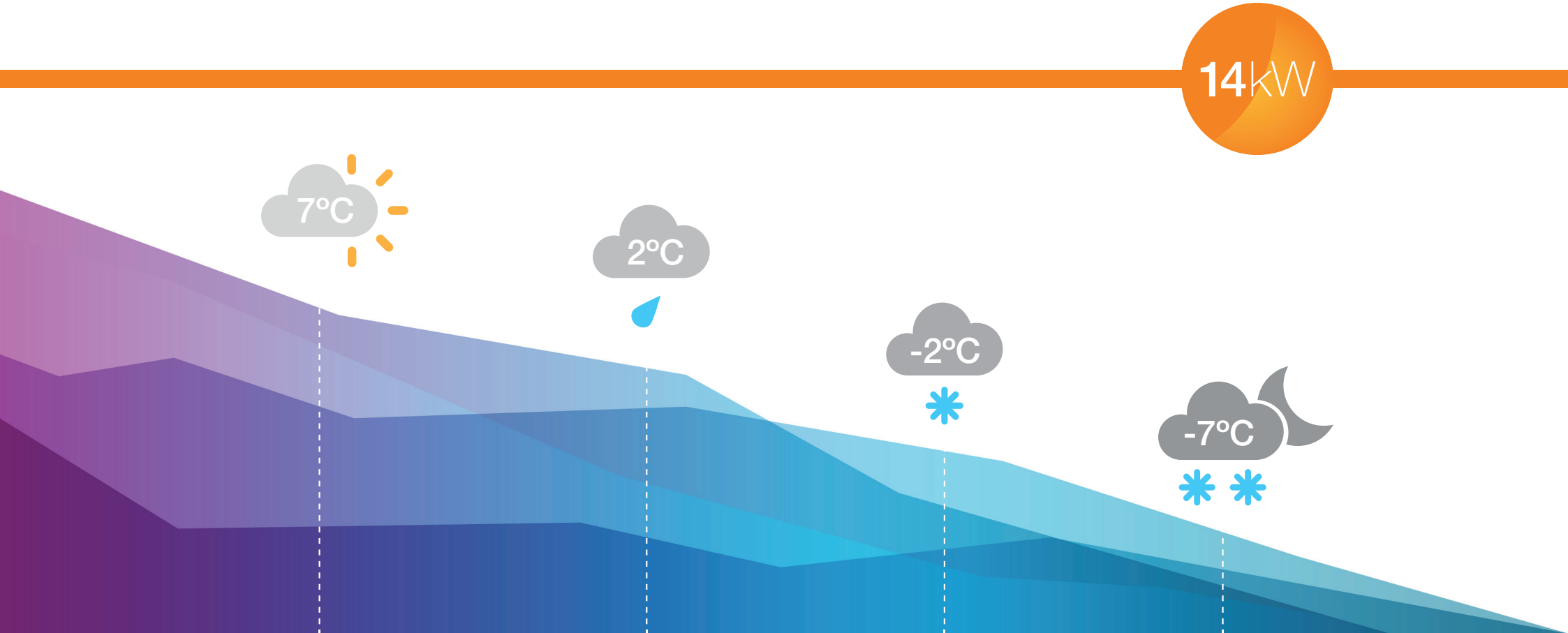

MITSUBISHI
ELECTRIC


# The **True Capacity** of Ecodan

# The **Capacity Problem:**

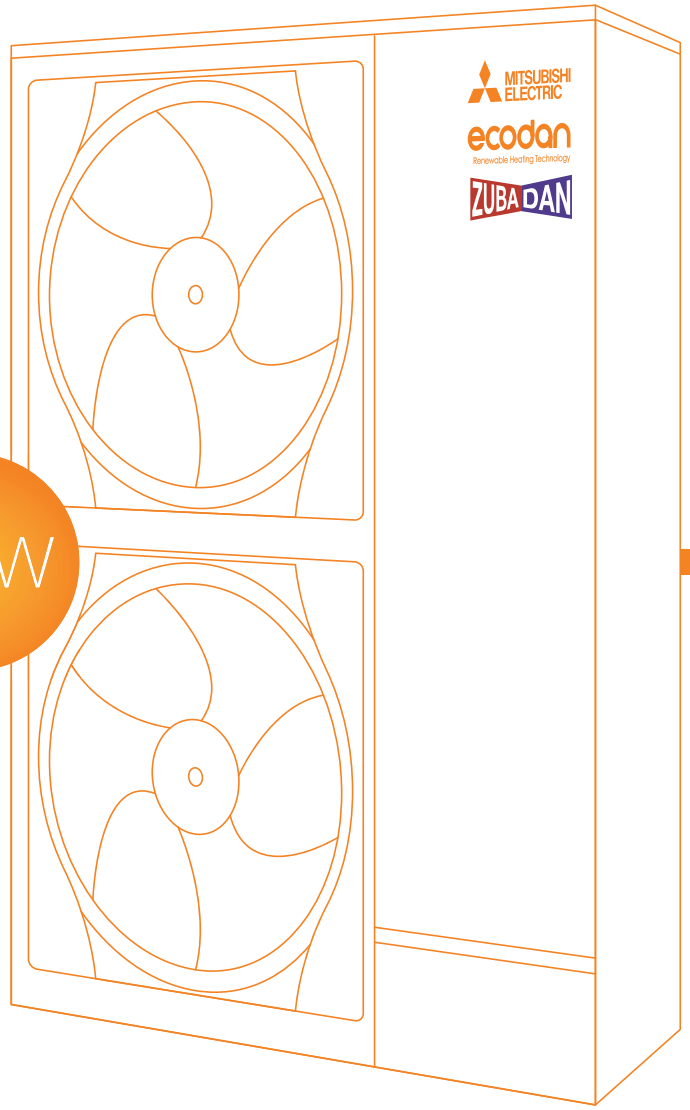
Most conventional inverter driven heat pumps suffer from

## A DECREASE IN HEATING CAPACITY AT LOW AMBIENT TEMPERATURES



## The **Capacity Solution:**

# ZUBADAN TECHNOLOGY




**14**kW

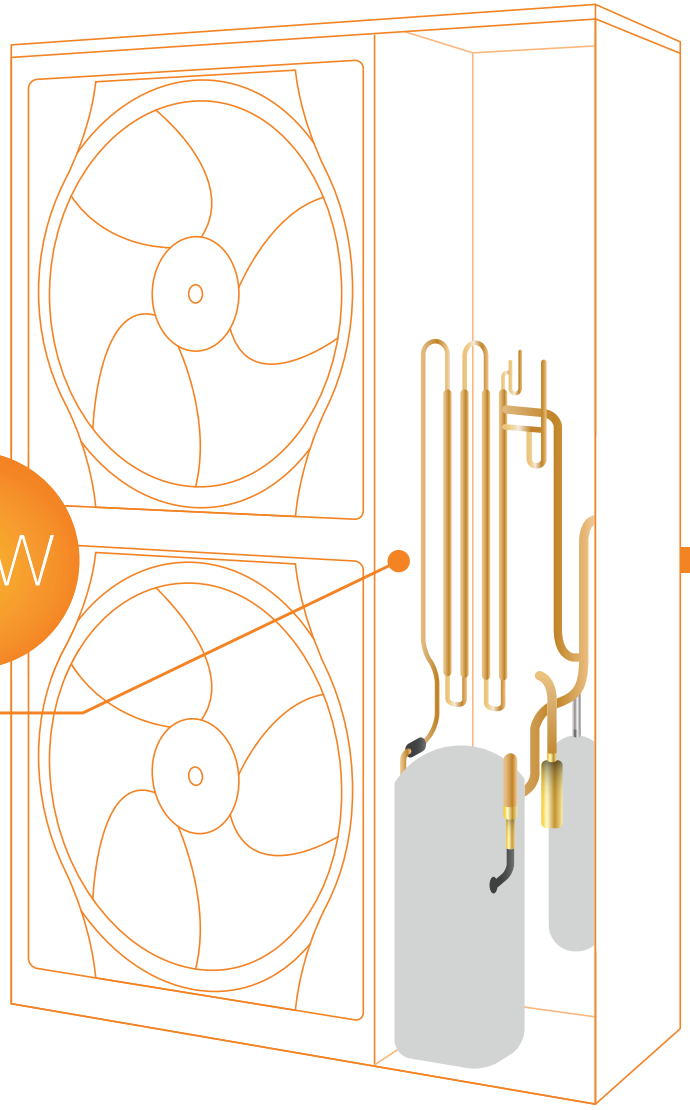
Mitsubishi Electric's patented Zubadan Technology features a unique **Flash Injection Circuit** and Hyper Heating Capacity to

**MAINTAIN HEATING CAPACITY DOWN TO -7°C**

ZUBADAN

## The **Capacity Solution:**

# ZUBADAN TECHNOLOGY




### THE **FLASH INJECTION CIRCUIT**

increases the amount of refrigerant which boosts heating capacity at low ambient temperatures. This raises flow temperature and also improves defrost operation.

ZUBADAN

The Benefits of the Mitsubishi Electric

# 14kW ECODAN HEAT PUMP

## WITH **ZUBADAN TECHNOLOGY**


**14**kW

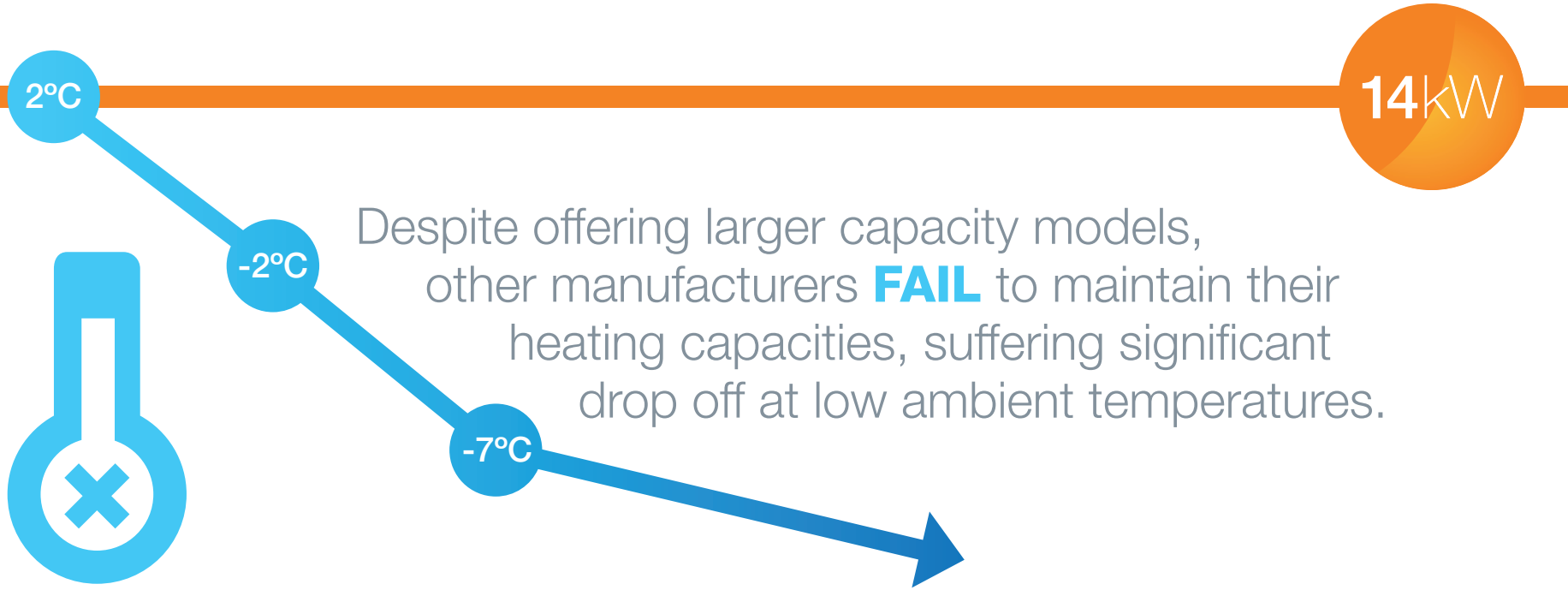
Maintains heating capacity down to -7°C

Guaranteed heating operation extended to -25°C

**Faster Defrost Operation** & improved room temperature stability

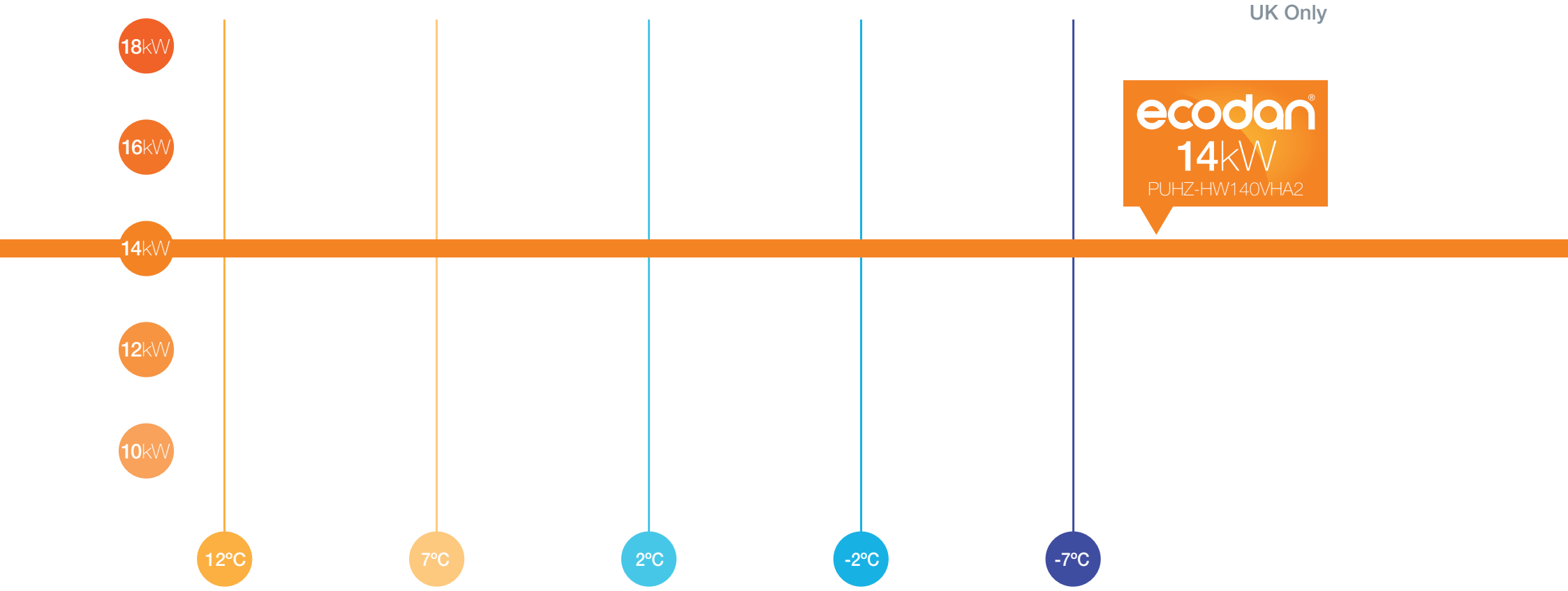
Other Heat Pump Manufacturers

# CANNOT MAINTAIN HEATING CAPACITY




Despite offering larger capacity models, other manufacturers **FAIL** to maintain their heating capacities, suffering significant drop off at low ambient temperatures.

# A TRUE COMPARISON OF CAPACITIES




Competitor product models are considered to be an alternative for an equivalent application and include: Daikin Altherma EBLQ016BB6V3, Samsung EHS AE160JXYDEH/EU, Vaillant aroTHERM VWL155/2, Panasonic Aquarea Hi-Efficiency WH-MDC16G6E5 & Hitachi Yutaki-M RASM-6VNE. Capacity data has been rated at low water flow temperatures (35˚C) and sourced from market available information, as published online at 20/04/2018. Data for each models assumes peak capacity; however, if the data referenced refers to integrated values (including a defrost cycle), then the expectation is that the rated capacity would be greater than the capacities presented in this document.

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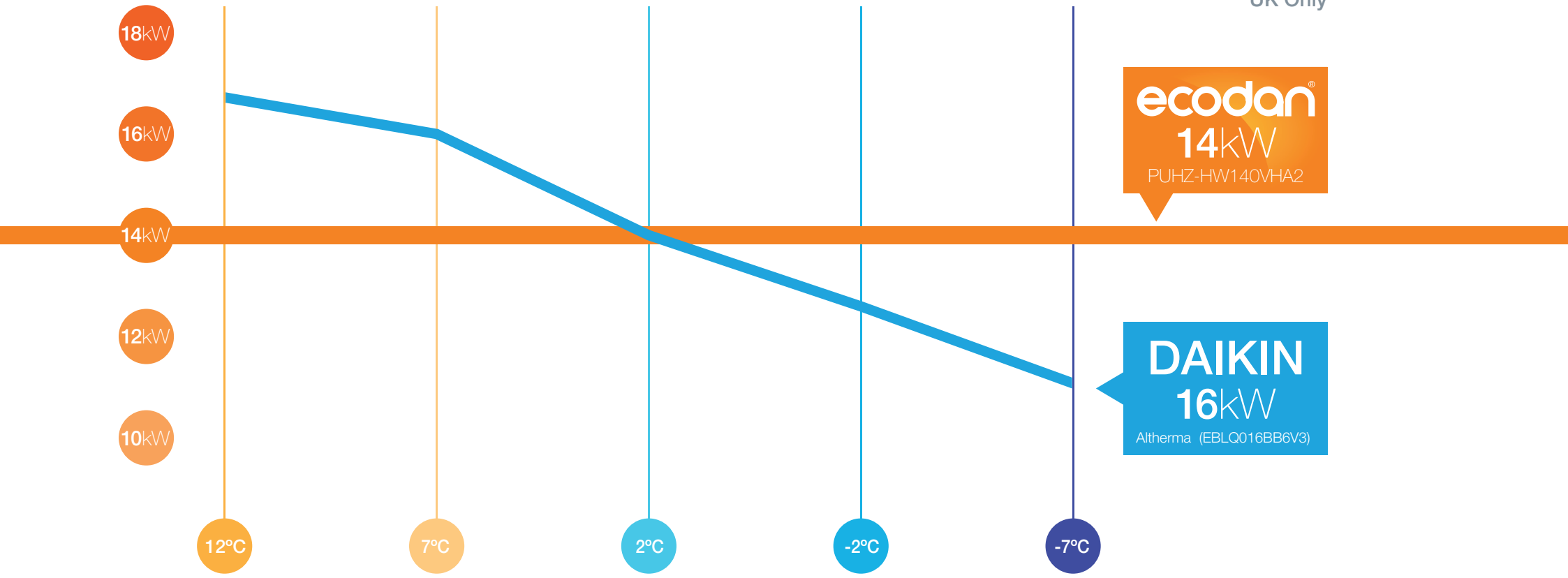
UK Only

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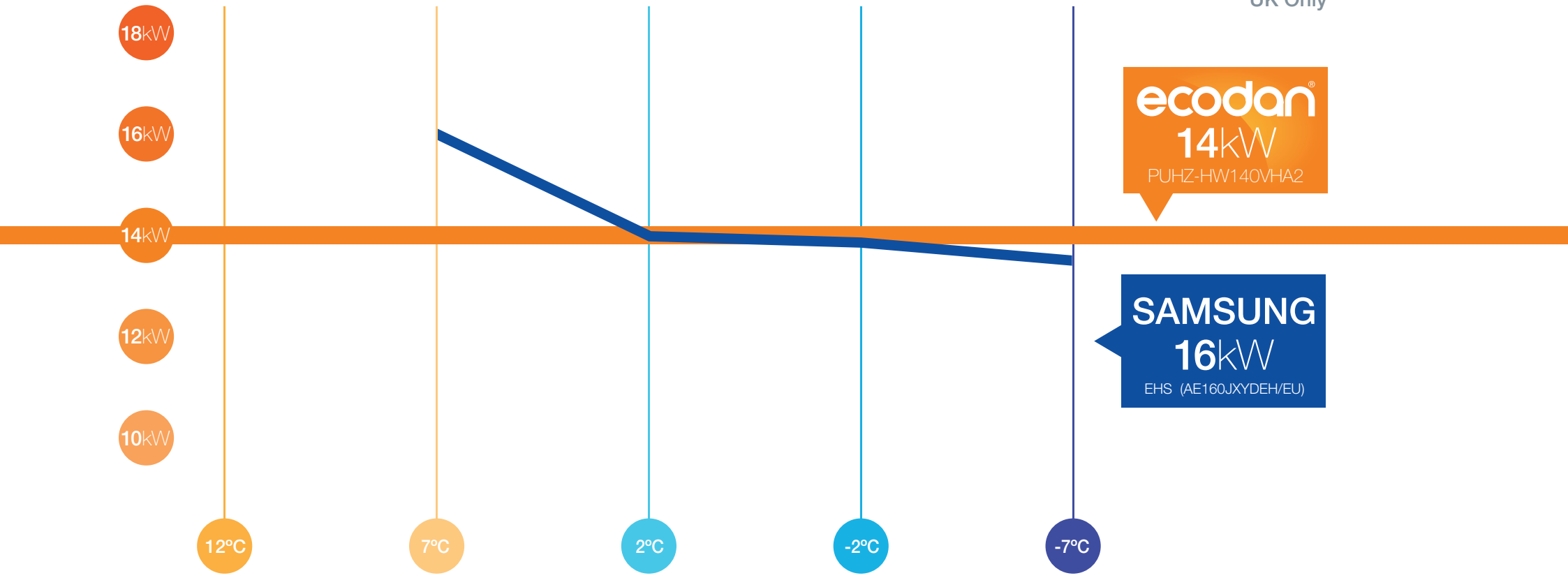


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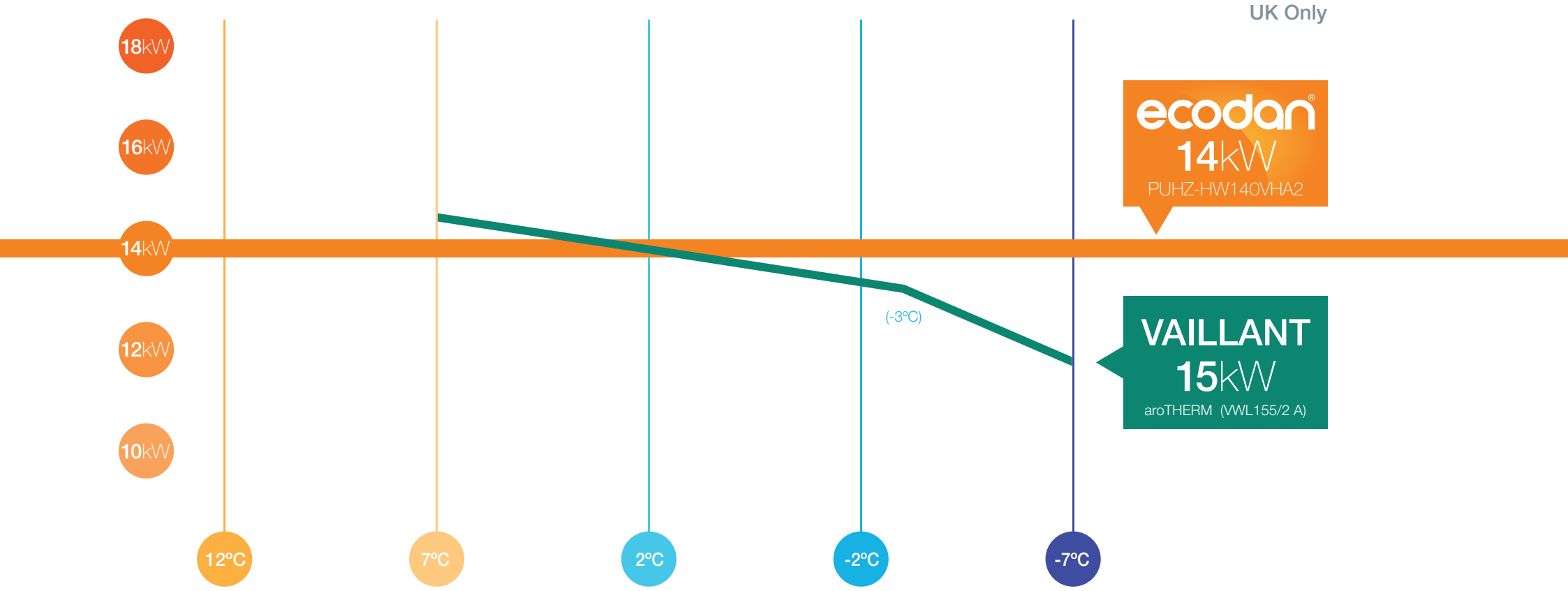


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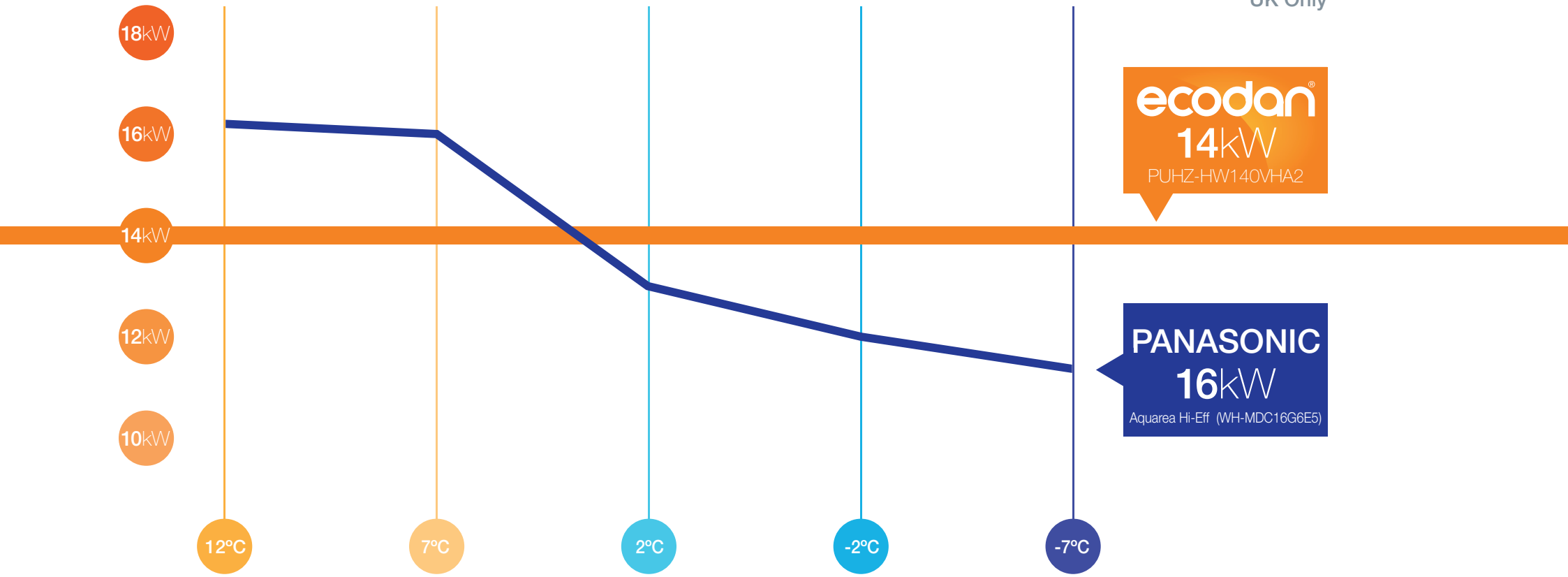


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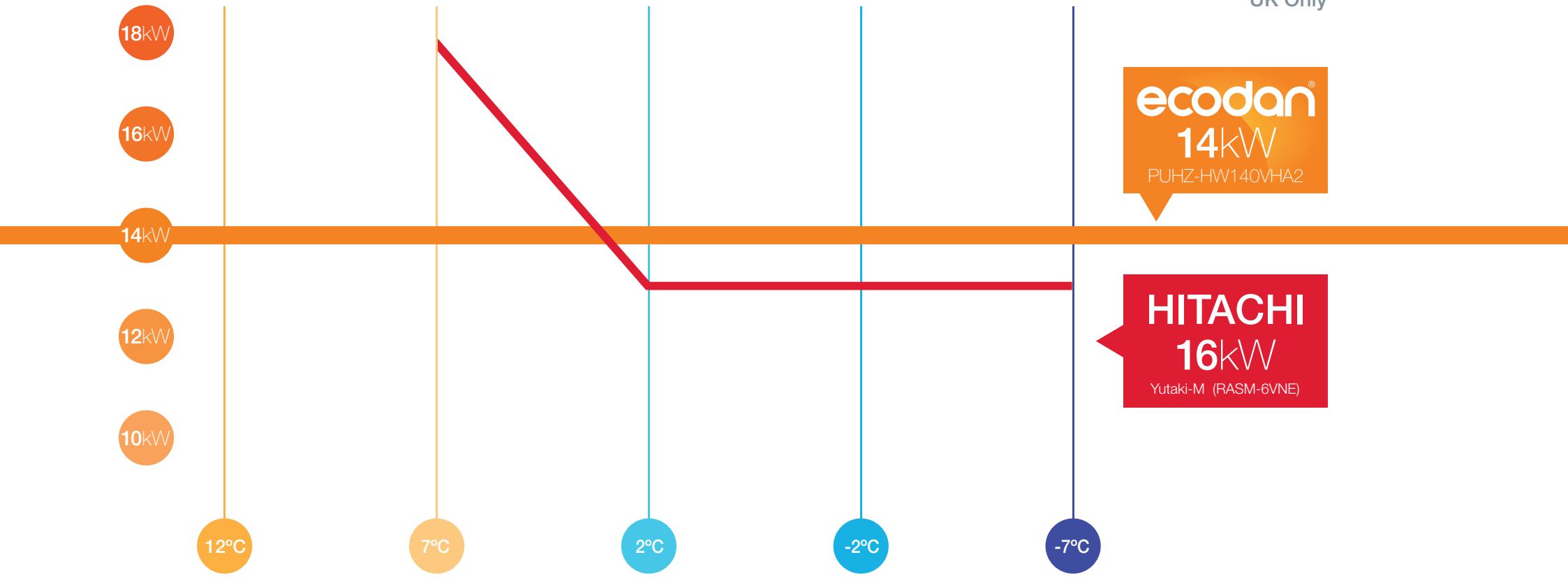


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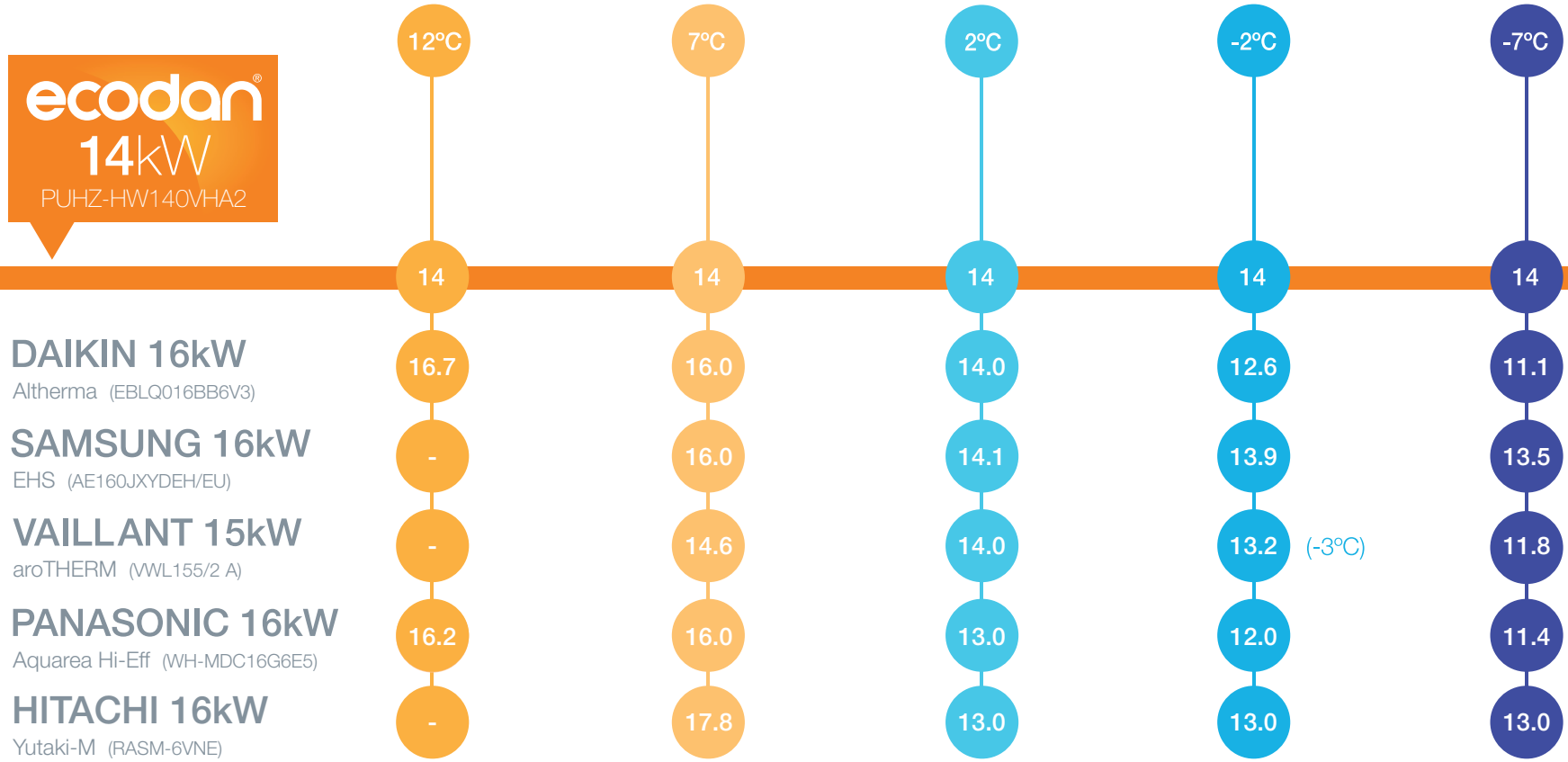


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Maintains 14kW heating capacity down to -7°C

MCS

A++

The complete range of Ecodan heating products has received full accreditation for the Government's **Microgeneration Certification Scheme** and as such when installed by an MCS approved installer is a requirement to apply for the Renewable Heat Incentive (RHI).

**The Energy Related Products Directive** (ErP)
Ecodan is compliant with ErP which is a key part of the European Union's drive to encourage businesses and consumers to use more energy efficient products.

The Ecodan heat pump range has an energy label of **A++**

# THE PERFECT CHOICE FOR LARGER APPLICATIONS


Delivering true capacity and constant comfort, the **Ecodan 14kW Ecodan Heat Pump** with Zubadan Technology is the reliable choice for larger applications, whatever the weather!

**heating.mitsubishielectric.co.uk**