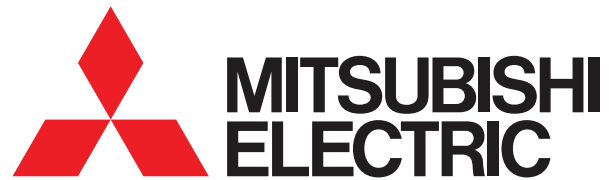


ecodan<sup>®</sup>  
Renewable Heating Technology



# The **True Capacity** of Ecodan



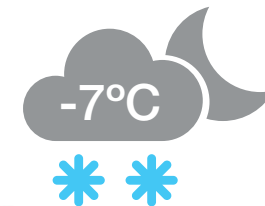
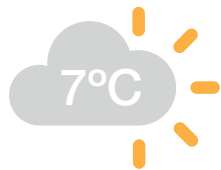
14kW

# The Capacity Problem:

Most conventional inverter driven heat pumps suffer from

**A DECREASE IN HEATING CAPACITY  
AT LOW AMBIENT TEMPERATURES**

14kW



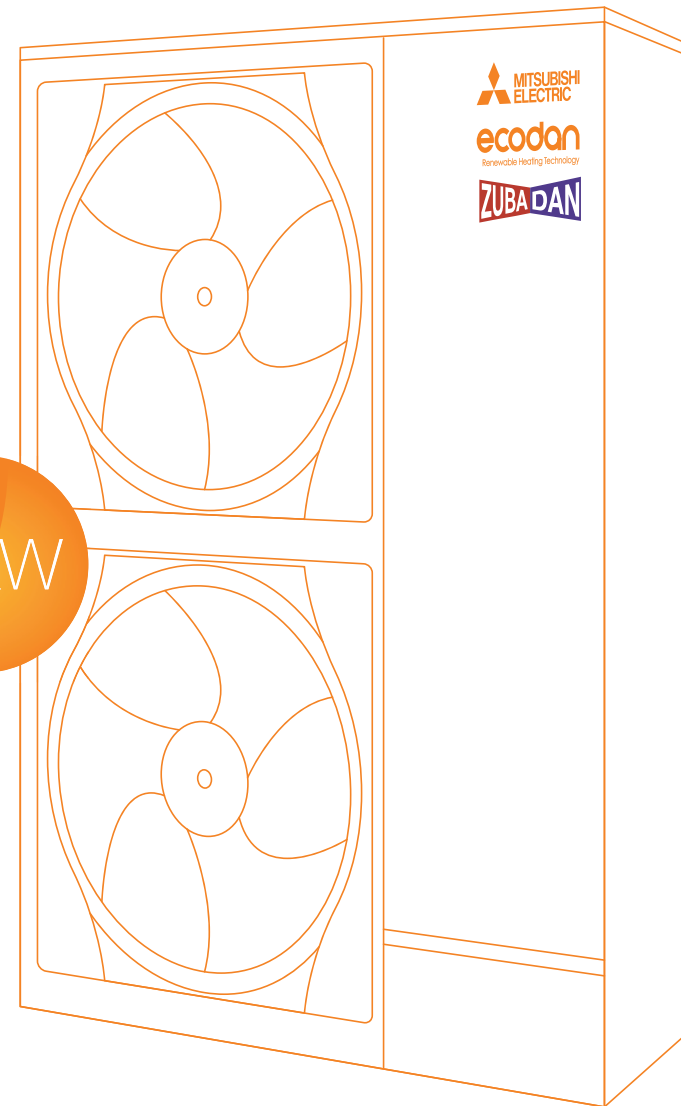
The Capacity Solution:

# ZUBADAN TECHNOLOGY

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**

14kW



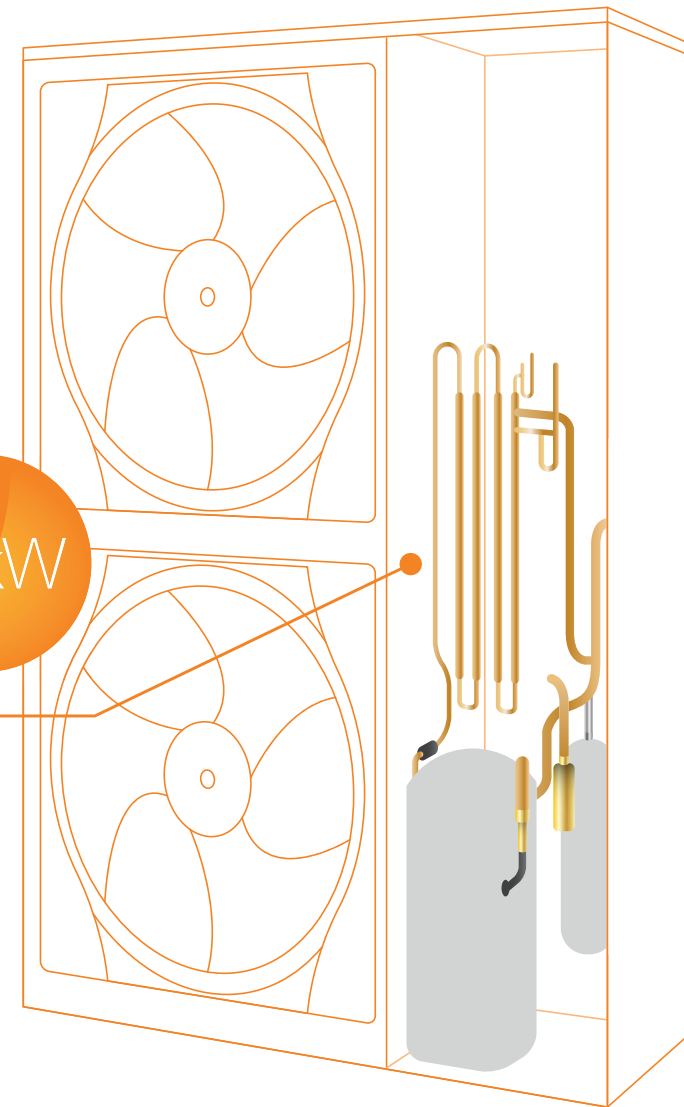
The Capacity Solution:

# ZUBADAN TECHNOLOGY

14kW

## 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

14kW



Maintains  
heating capacity  
down to  
 $-7^{\circ}\text{C}$



Guaranteed  
heating operation  
extended to  
 $-25^{\circ}\text{C}$



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

Other Heat Pump Manufacturers

# CANNOT MAINTAIN HEATING CAPACITY

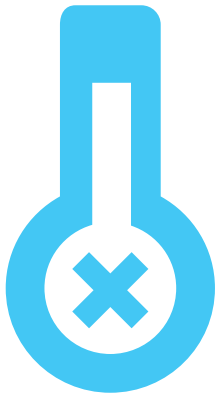
2°C

14kW

-2°C

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

-7°C





Maintains 14kW  
heating capacity  
down to  
**-7°C**



**CERTIFIED**

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!

 [Ecodan.co.uk](https://www.ecodan.co.uk)