

Heat Pump Approval Policy for Council Funding Programmes V1.1

Introduction

The Energy Efficiency and Conservation Authority (EECA) maintains a list of approved heat pump products that may be installed under council funding programmes.

This policy sets out the criteria used by EECA for assessing whether heat pump products are eligible for inclusion on the approved list.

Suppliers (manufacturers, importers and service providers) have obligations under the Fair Trading Act 1986, Consumer Guarantees Act 1993 and other Acts, Regulations, Codes and Standards. This policy applies in addition to any statutory requirements. In the case of a conflict between this policy and a statutory requirement, the latter will prevail.

The following are the product criteria for room air conditioners / heat pumps (herein referred to collectively as “heat pumps”) to qualify as approved by EECA for consideration in Council funded programmes (participating councils only) and includes procurement programmes. A product must meet all identified programme requirements.

Definitions

Non-ducted reverse-cycle air conditioner: An encased assembly or assemblies designed as a unit, primarily for mounting through a wall, or as a console. It is designed primarily to provide free delivery of conditioned air to an enclosed space, room or zone (conditioned space). It includes a prime source of refrigeration for cooling, dehumidification and heating from a heat source. It may also include a means for the circulation and the cleaning of air. Where such equipment is provided in more than one assembly, the separated assemblies (split-systems) are to be designed to be used together, and the requirements of rating outlined in the AS/NZS 3823 Standard are based on the use of matched assemblies.

Cold zone heating seasonal performance factor (HSPF): The heating seasonal performance factor as defined in AS/NZS 3823.4.2:2014 + A1 in a cold zone.

Qualifying Products

All single phase, non-ducted, single-split systems are eligible for registration provided they meet the criteria below.

Performance Criteria

Eligible products may be approved if they meet the following criteria:

- a) The product is registered with the New Zealand or Australian Regulator with information provided to generate the Zoned Energy Rating Label.
- b) Has a refrigerant with the Global Warming Potential (GWP) of R32 or lower.
- c) Meets or exceeds the HSPF requirements as specified below:

Category (H1 Full Heating Capacity) kW	Cold Zone HSPF Minimum
$x < 5$	4
$5 \leq x < 6.5$	3.7
$6.5 \leq x < 8$	3.6
$x \geq 8$	3.5

Testing Criteria

Products must be tested for performance in accordance with AS/NZS 3823.1.1:2012 and AS/NZS 3823.4.2:2014 + A1.

Effective Date

The specification is effective from 1 July 2023.

Valid Countries

This specification applies to the listed products sold in New Zealand only.

Future Revisions

EECA reserves the right to change the criteria should regulatory, technological and/or market changes affect its usefulness to consumers, industry or the environment.