



IAPMO Plumbing Codes and Standards India Pvt. Ltd.

No.43, 4th Floor, PMR Tower, Hosa Road Junction, Beratena Agrahara, Hosur Road, Bangalore 560100, India



CERTIFICATE OF LISTING

IAPMO Plumbing Codes and Standards India Private Ltd. (aka IAPMO India) is a product certification body which lists and inspects samples taken from the supplier's stock or from the market or a combination of both to verify compliance to the requirements of applicable codes and standards. This activity is coupled with periodic surveillance of the supplier's factory and warehouses as well as the assessment of the supplier's Quality Assurance System. This listing is subject to the conditions set forth in the characteristics below and is not to be construed as any recommendation, assurance or guarantee by IAPMO India of the product acceptance by Authorities Having Jurisdiction.

Licensee: Ensys Engineers Pvt Ltd., Plot No 45, A/8, Parshwa Apartments, Pune – 411038

File No: IN-E 1067

Product: HEAT PUMPS (WATER SOURCE & AIR SOURCE)

Void After: December 2020

IDENTIFICATION: The manufacturer's name or registered trademark, or, in the case of private labeling, the name of the customer for whom the product/heat pump/machine was manufactured, shall be permanently applied so as to be legible and visible after installation. The model number of each heat pump or machine shall be applied on each component so as to be legible and visible after installation.

Each Air Source Hot Water Heat Pumps/ Water Source Hot Water Heat Pumps; shall be permanently marked, identifying the energy consumption of the pump. This disclosure shall be expressed in terms of COP and/or HSPF as follows:

(a) Air Source Hot Water Heat Pumps shall bear COP greater than 4.0 or the actual tested CoP achieved, for high-efficiency systems;

(b) Water Source Hot Water Heat Pumps shall bear COP greater than 5.0 or the actual tested CoP achieved, for high-efficiency systems;

All packaging for Hot Water Heat Pumps shall be marked with the manufacturer's name or registered trademark, or, in case of private labeling, the name of the customer for whom the fixture was manufactured, and the model number of the Listed products and its packaging shall bear the 5 star EEP-I star rating certification mark.

CHARACTERISTICS: Each Air Source Hot Water Heat Pumps and Water Source Hot Water Heat Pumps listed under this certification, shall be installed in accordance with the manufacturer's instructions and/or as per the provisions of the latest edition of the Uniform Mechanical Code India or as specified in 2019 Energy Efficient Products – India (EEP-I) specification.

This listing period is based upon the last date of the month indicated on the Effective Date and Void After Date shown above. Any change in material, manufacturing process, marking or design without having first obtained the approval of IAPMO India, or any evidence of non-compliance with applicable codes and standards or of inferior workmanship, may be deemed sufficient cause for revocation of this listing. Production of or reference to this form for advertising purposes may be made only by specific written permission of IAPMO India. Any unauthorized alteration of this certificate will be grounds for revocation of this listing.



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PRODUCTS ARE IN COMPLIANCE WITH THE FOLLOWING STANDARD/CODE(S):

Sample products listed on this certificate were found compliant to 2019 Energy Efficient Products – India (EEP-I) standard, met the respective star rating criteria awarded per the 2019 Energy Efficient Products – India (EEP-I) specification and Green Mechanical Code Supplement – India (GMCS-I). Sample models listed on this certificate were tested by an IAPMO India's qualified testing engineer compliant to applicable requirements in ISO/IEC 17025.

K. Chandrasekhar

Dr. K. Chandrasekhar
IAPMO India

Russ Chaney

GP Russ Chaney
CEO, The IAPMO Group



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IAPMO-I
Energy Efficient Product

CERTIFICATE OF LISTING

IAPMO-I
Energy Efficient Product

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Models:

Sl. No.	Model No.	Description	Star Rating
1	ERW 4300	WATER SOURCE HOT WATER HEAT PUMP (All model series)	★★★★★
2	ER 685	AIR SOURCE HOT WATER HEAT PUMP (All model series)	★★★★★

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