

ECO-EFFICIENT SOLUTION



THE COP

The Coefficient of Performance (COP) is the ratio of heating capacity achieved by the heat pump system to input power. In identical working conditions, a higher ratio indicates increased efficiency and energy savings for the heat pump system. This coefficient reflects performance by comparing the energy consumed to the energy produced. For the most efficient heat-pump water heaters, the COP typically falls between 3 and 4.



ECO-FRIENDLY REFRIGERANT FLUID

Atlantic remains at the forefront of heating technology, with a renewed emphasis on environmental stewardship and sustainability. Our range of energy-efficient devices, including heat pump water heaters powered by renewable energy sources, plays a pivotal role in this endeavour. Each component of our products is meticulously designed for sustainability. As part of our eco-responsible approach, our heat pump water heaters now use the environmentally-friendly refrigerant R290 (propane), boasting zero Ozone Depletion Potential and extremely low Global Warming Potential, positioning our products as a superior alternative to other refrigerants.

GREEN LIFE R290 HEAT PUMP WATER HEATER



SG Ready (Smart Grid Ready) certifies that a heat pump water heater can respond to external control signals. This enables efficient operations based on price signals and grid conditions, supporting the power grid, reducing carbon footprint, and lowering costs. As a result, the water heater activates during surplus photovoltaic production and adjusts its heating power accordingly.