

# PTPC185HPRD

Protank+ 185L & HPRD7.5 incl installation kit



## Technical Specification

Cylinder specifications

Capacity: 185L, 3kW

Dimensions: 1880mm x 475mm

Indoor/Outdoor: Tank indoor, HP outdoor

TPR Setting 700 kPa

Cold water expansion setting 600 kPa

Maximum supply setting 500 kPa

Heat pump specifications

Hot water Capacity Range (kW): 7.5

Hot water Power Input Range (kW): 1.63

Hot water max temp: 70°C

Max Current Input (Amps): 12.0

Compressor Model: Rotary

Compressor brand: Mitsubishi

Refridgerant: R134a

Noise dB(A): 53

Pump: Grundfos



## Application

The Protank+ 185L & HPRD7.5 incl installation kit is used in heating & cooling systems to generate hot water for potable applications using an electric element and is installed mostly to feed a bathroom.

## Warranty

[Download the latest warranty statement](#)

## Features

Protank Plus has been developed to meet the needs of those home owners wanting a high capacity, high pressure hot water system that is going to last. The internal tank and fittings are crafted from the highest possible spec 'Duplex' 2205 stainless steel and performance matched to Caleffi's latest high flow valve set. Cylinder includes: Protank hot water cylinder, Caleffi 'direct mount mono-block' combo set, Caleffi TPR valve, Heatrod element(s) and thermostat.

Ritter hot water is an inverter air to water heat pump with R134a refrigerant and high efficiency, optimized for direct recovery hot water applications. High quality and efficient compressor, fan and water pump is used to ensure the low noise level with insulation.

The heat pump is designed with an attractive plastic case with compact size and low noise.

This series of heat pump is designed to work without electric element support with output temperature up to 70°C without door temperature between -7°C & 45°C.

Warranty (20 years)

5 Years parts and labour + 5 years parts only + 10 years pro-rata,

Electric element - 1 year pars/labour

Valves - 5 years parts/labour

[waterware.co.nz](http://waterware.co.nz)

[Technicalteam@waterware.co.nz](mailto:Technicalteam@waterware.co.nz)

0800 WATERWARE

**WATERWARE**