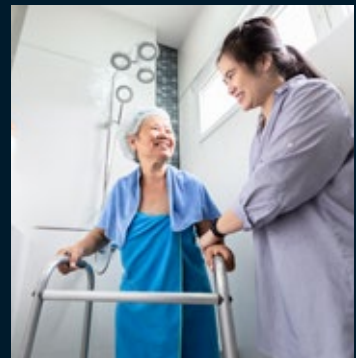


# RHEEM CONNECT® BMS AND REMOTE MONITORING

Commercial hot water systems are made up of a variety of components such as primary water heating plant, storage tanks, building return pumps and centralised tempering.

Rheem Connect® brings all of these elements together into a neat packaged solution for monitoring the system performance in new or retrofit applications.



# RHEEM CONNECT® BMS AND REMOTE MONITORING

HIGH LEVEL BMS (HLI) AND/OR REMOTE MONITORING WITH PRIORITY SERVICE



BMS CONNECTIVITY



REMOTE MONITORING



EASY TO MAINTAIN



PRIORITY SERVICE

## PEACE OF MIND

Rheem Connect® provides peace of mind by monitoring the hot water system and providing data and alarms to either on site BMS, remote customer monitoring via dashboard or downloadable link on mobile or remote monitoring by Rheem. As part of a total service offering, Rheem Monitoring by Rheem also provides scheduled maintenance and priority service levels.

## INCREASED RELIABILITY

Regular maintenance is a proven means of maintaining optimum performance and efficiency and extending product life. Tankpak Series 3 Deluxe model monitors up to 30 Continuous Flow Water Heater (CFWH) inputs and up to 14 system inputs.

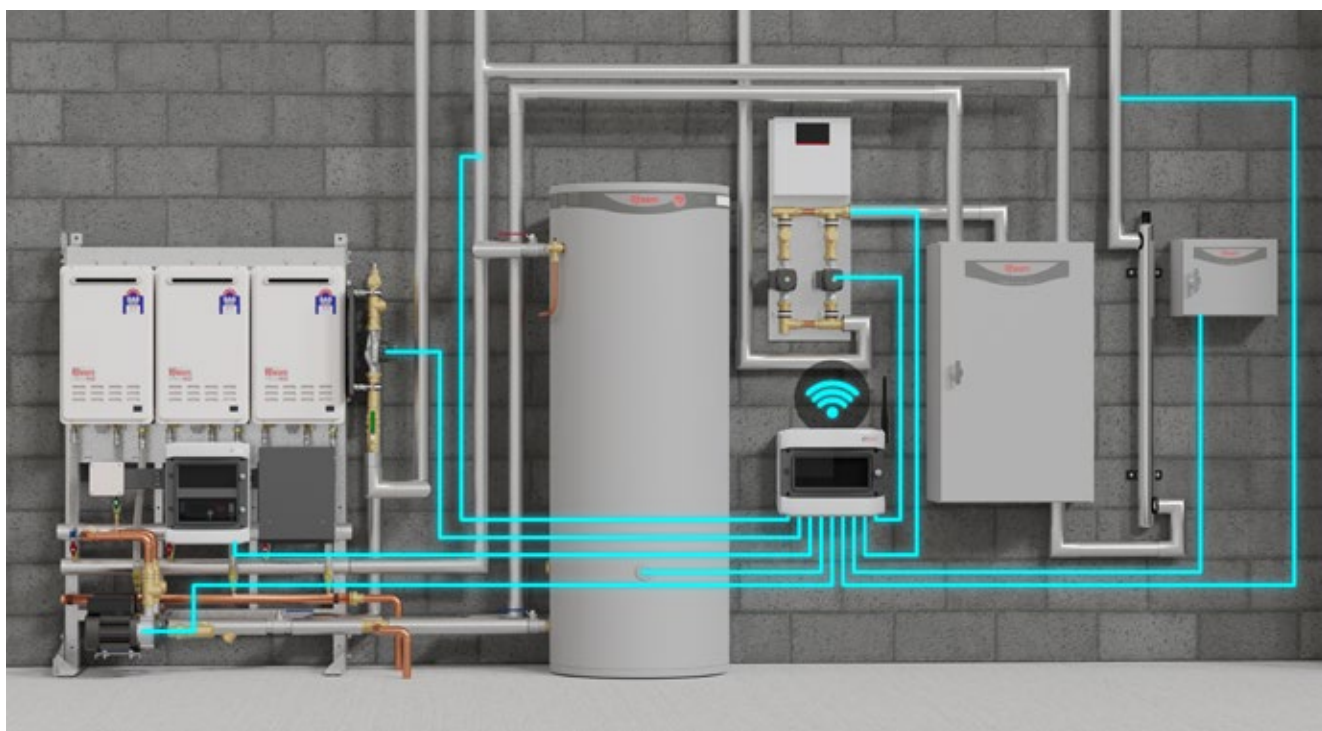
## MONITOR WARM WATER SYSTEMS

All jurisdictions have particular requirements for centralised warm water systems. Rheem are the hot water experts, and a Rheem monitored warm water system provides peace of mind in being able to monitor important system parameters and validate maintenance regimes, whilst providing documented records of system performance and historical maintenance in conjunction with a Rheem Service Contract.

## WHAT'S MONITORED?

Depending on system, the following points are monitored:

- Tank temperature
- Hot and warm water supply temperature to building
- Hot or warm water return temperature
- Primary and secondary pump operation
- Up to 32 individual alarms





## RHEEM CONNECT<sup>®</sup> PACKAGES

### BMS PACKAGE

Enables local BMS capabilities to monitor from site via Ethernet through Rheem Connect<sup>®</sup>. BMS options include Modbus/TCP on Ethernet and BACnet/TCP on Ethernet.

### CLOUD PACKAGE

Enables local and/or remote monitoring for customers via cloud service.

### PREMIUM PACKAGE

24/7 remote monitoring by Rheem and Rheem can manage service issues with or without a Service Agreement.



### MONITORED SYSTEMS

Rheem Connect<sup>®</sup> is available on the following Rheem products:

- Tankpak Series 1, Series 2 and Series 3 Standard as a new or retrofit package including Deluxe Rediset pump sets
- Tankpak Series 3 Deluxe, including factory integrated building circulators, as a new installation or retrofit package
- Guardian Warm Water and UV with any Tankpak and Deluxe Rediset pump set

### MONITORING OPTIONS

Monitoring Options include:

- Local BMS via Ethernet
- Remote customer monitoring of all connected sites via cloud service
- Remote monitoring by Rheem, with or without a service agreement or a combination of all of the above
- Remote monitoring can be via building LAN or 4G modem (SIM card included)
- Customer monitoring is also available on Rheem Connect<sup>®</sup> via a downloadable link which provides up to date information no matter where you are





### RHEEM SERVICE

Rheem Service Agreements in conjunction with Rheem Connect® monitoring package provides optimum value. Rheem monitors systems 24/7 and, with a national in-house service network, can rectify any issues before they become problematic. Routine service is linked to the monitored system and service levels can be tailored to suit system performance rather than being

on a fixed time basis. This keeps you and your customers in hot water whilst keeping service costs under control.

### PACKAGE INCLUSIONS

- 1 x site visit to establish system requirements
- Supply of monitoring kit including temperature sensors and pump CT sensor (where applicable)
- Installation including connection to all monitored equipment, documentation and activation and liaison with BMS configurator. Custom integration is outside of scope, but is available on request
- Log in to Rheem Connect® (if remote monitoring is included in package)

### TECHNICAL SPECIFICATIONS

|   | Part Number                                  | TPS3 Dlx   | TPS1, S2, S3 Std | TPS1, S2, S3 Std + Rediset Dlx | TPS1, S2, S3 Std + Rediset Dlx + Guardian | TPS3 Dlx + Rediset Dlx + Guardian |
|---|--|--|------------------|--------------------------------|---|-----------------------------------|
| Rheem Connect Gateway <sup>1</sup>      | 299319                                       | Y  |                  |                                |   |                                   |
| Rheem Connect Plus Gateway <sup>2</sup> | 299320                                       |  | Y                | Y                              | Y   | Y                                 |
| 4G Modem Telstra                        | 299884                                       | Optional on all systems if Ethernet connection not available |                  |                                |   |                                   |
| Electrical Connection                   | Supplied with 1.8m 10Amp 3 pin plug and flex |  |                  |                                |   |                                   |

<sup>1</sup> Includes 1.5m and 10m LAN cables

<sup>2</sup> Includes 10m LAN cable, 4 x 10m temperature sensors, 1 x sensor well 1/2" x 200mm long, pump CT harness