

# *Experience Our Solution*

*Optimised Hot Water Packages*



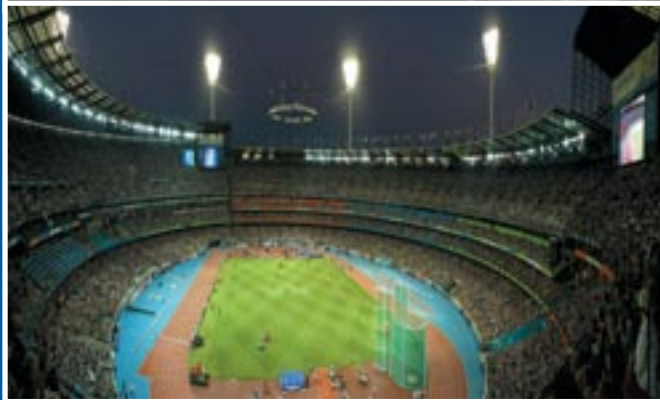
**Apartments  
Hotels  
Resorts**



**Hospitals  
Nursing Homes  
Education Facilities**



**Prisons  
Military Bases  
Caravan Parks**



**Sports Club  
Car Washes  
Laundries**

**BKB Group**

**Pumps  
Tanks  
Environmental**



# Optimum designs for packaged hot water system to suit your project

## **THERMOPACK:**

### **Peak hour demand systems for Apartments, Hotels, Resorts, etc**

- Multi-gas heater systems
- True mains pressure system
- Hot water buffer for fast response time
- Low operating costs
- External & internal insulation
- Systems custom design to suit your precise needs
- Internal flueing options



## **INSTAPACK:**

### **Large instantaneous systems for Sporting Complexes, Caravan Parks, Car Washes, etc**

- Multi-gas heaters employed
- Guaranteed set temperature
- No storage required
- Lower heat losses when not in use
- Primary pumps respond to system demand
- Internal flueing - fan powered flue



# Your system made to measure using the B.K.B modular system



## HEATING MODULE:

- Multiple Rinnai gas heaters with high thermal efficiency
  - 5+ star rated heat source
- Manifolding for hot & cold water
  - Internal flueing options
  - Easy maintenance



## STORAGE MODULE:

- Stainless steel insulated tanks
  - 3 sizes—250L/315L/1000L
  - Rotex calorifier option available
- Provides effective heat buffer to reduce gas consumption



## PUMPING MODULE:

### Primary pumps:

- To suit available mains pressure on site
- Provides required system pressure dependant on location of packaged systems
- Sized to suit maximum demand pro-file of system

### Flow & return pumps:

- Grundfos all-bronze circulators
  - Duty standby configuration
  - Low power consumption
  - Robust and reliable



## CONTROL MODULE:

- Control panel designed to AS3500
- Flow sensors / temperature sensors
  - Heater status indication
  - Pump status indication
  - Alarm & fault conditions
- Option of Variable Speed Drive if required

# Greener & Safer Options

## **SOLAR PRE-HEATING:**

- High absorption solar panels
- Free energy from the sun
- Linked to packaged hot water systems to maintain desired set temperature if solar energy is insufficient



## **5 STAR WATER STORAGE:**

- Rinnai gas heaters
- Rotex calorifier system
- Low heat losses
- Hygienic
- Compact



## **UV SANITIZATION:**

- For warm water systems, e.g. nursing homes, etc
- Protection for legionnaires disease
- Made in Australia



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