



# Commercial Manifold Pack

## What is a Bosch Commercial Manifold Pack?

A Bosch Commercial Manifold Pack consists of 2 to 6 Commercial (Bosch 32L units) continuous flow water heaters plumbed together to allow higher flow rates than a single unit can provide.



**BOSCH**  
Hot Water

## How are they supplied?

The Bosch Commercial Manifold Pack is fully assembled on a custom engineered frame with pipe work and heavy insulation including isolating valves ready to be plumbed into your specific commercial project.

The Bosch Commercial Manifold Pack is supplied in a modular system of 2 and 3 units, packed in heavy duty separate timber crates for ease of freight and handling. The Bosch Commercial Manifold Packs of 4, 5 and 6 units are supplied in combinations of 2 and 3 as required for your application. For example, a Bosch Commercial Manifold Pack of 6 will be supplied as 2 modular packs of 3 with a manifold connection kit to join the pre-packaged manifolds together.

## Features

- ▶ Internal and external installation ability
- ▶ Modular design
- ▶ Sophisticated electronic staging & rotation system
- ▶ Commercial warranties (5 years heat exchanger, 2 years parts and labour)
- ▶ Higher Mj/hr rating to allow higher flow rates
- ▶ Strong custom frame and insulation on pipe work
- ▶ Heavy duty timber packaging so product is delivered undamaged
- ▶ Available in pack of 2 or 3 with the ability to interconnect to make 4, 5 or 6
- ▶ Durable weatherproof insulation on pipe work

## Benefits of the Bosch manifold pack

- > Constant outlet temperature (pre-set) even when flow rate varies
- > No gas consumption when not in use
- > Can be used either in standard or recirculation installations (please note a recirculation pump needs to be installed for the ringmain and it must have correct pump sizing for recirculation system - Contact Bosch for assistance).
- > Six units in manifold pack capacity (192 litres per minute at a 25°C rise)
- > True Commercial grade hot water system

## Applications for Bosch manifold packs

- > Sporting clubs
- > Caravan parks and shower blocks
- > Restaurants, commercial kitchens, cafés and pubs
- > Commercial laundries
- > Food processing/ meat processing
- > High temperature wash down hoses
- > Install up to 6 commercial water heaters in manifold for any application that needs constant water temperature at a desired flow rate.

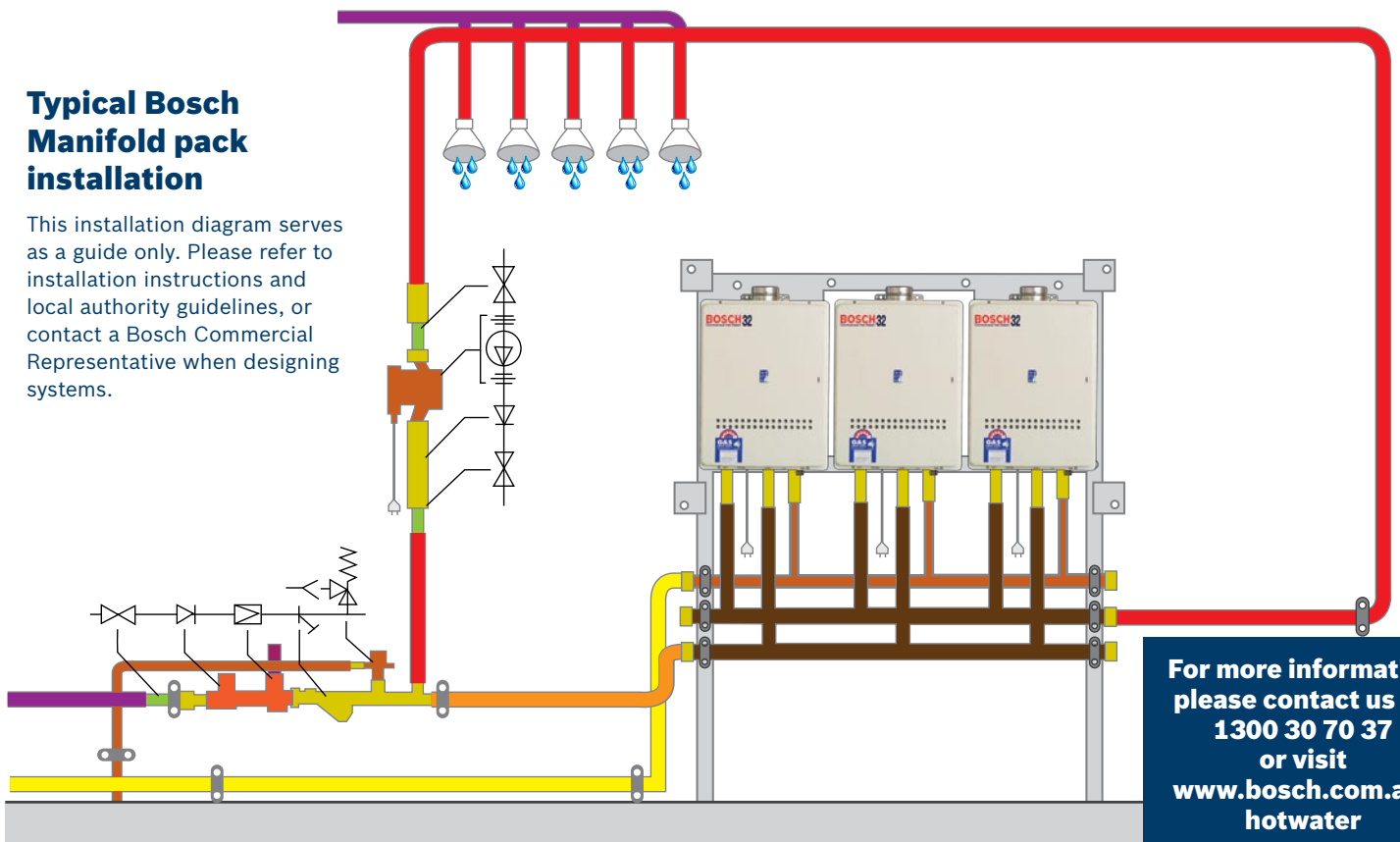
Bosch Specifications	Wall Mount					Floor Mount				
Part Number	WBM2NGSK WBM2LPSK	WBM3NGSK WBM3LPSK	WBM4NGSK WBM4LPSK	WBM5NGSK WBM5LPSK	WBM6NGSK WBM6LPSK	FBM2NGSK FBM2LPSK	FBM3NGSK FBM3LPSK	FBM4NGSK FBM4LPSK	FBM5NGSK FBM5LPSK	FBM6NGSK FBM6LPSK
Installation	Int* or Ext**	Int* or Ext**	Int* or Ext**	Int* or Ext**	Int* or Ext**	Int* or Ext**	Int* or Ext**	Int* or Ext**	Int* or Ext**	Int* or Ext**
Ignition	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
L/min (25°C rise)	64	96	128	160	192	64	96	128	160	192
Min. operating inlet water pressure (kPa)	200	200	200	200	200	200	200	200	200	200
Max. inlet water pressure (kPa)	950	950	950	950	950	950	950	950	950	950
Mj/H	500	750	1000	1250	1500	500	750	1000	1250	1500
Temperature Range	37-80	37-80	37-80	37-80	37-80	37-80	37-80	37-80	37-80	37-80
Min. Flow (L/Min)	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
Min. constant water pressure for Max flow (kPa)	200	200	200	200	200	200	200	200	200	200
Antifrost	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Gas Type	NG/LPG	NG/LPG	NG/LPG	NG/LPG	NG/LPG	NG/LPG	NG/LPG	NG/LPG	NG/LPG	NG/LPG
Crate Height x Width x Depth (mm)	300 x 1100 x 1100	300 x 1500 x 1100	300 x 1100 x 1100 300 x 1100 x 1100	300 x 1100 x 1100 300 x 1500 x 1100	300 x 1500 x 1100 300 x 1500 x 1100	300 x 1100 x 1100 300 x 1100	300 x 1500 x 1100 300 x 1100	300 x 1100 x 1100 300 x 1100 x 1100	300 x 1100 x 1100 300 x 1500 x 1100	300 x 1500 x 1100 300 x 1500 x 1100
Combined carton weight (kg)	94	130	188	224	260	100	140	196	230	266
Parts & Labour Warranty	2 Years	2 Years	2 Years	2 Years	2 Years	2 Years	2 Years	2 Years	2 Years	2 Years
Heat Exchanger Warranty (part only)	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years
Pipe Connection Size	40mm	40mm	40mm	40mm	40mm	40mm	40mm	40mm	40mm	40mm
Controller required	RCM3211	RCM3211	RCM3211	RCM3211	RCM3211	RCM3211	RCM3211	RCM3211	RCM3211	RCM3211
Quick Connection Cable required	Yes KMQC0703339	No	No	No	No	Yes KMQC0703339	No	No	No	No
System controller required	No	Yes KMSC201	Yes KMSC201	Yes KMSC201	Yes KMSC201	No	Yes KMSC201	Yes KMSC201	Yes KMSC201	Yes KMSC201
Cable for system controller	No	Yes 0700073 x 2	Yes 0700073 x 3	Yes 0700073 x 4	Yes 0700073 x 5	No	Yes 0700073 x 2	Yes 0700073 x 3	Yes 0700073 x 4	Yes 0700073 x 5
Manifold pack dimensions Height x Width x Depth (mm)	1540 x 993 x 286	1540 x 1468 x 286	Combination of 2 x WBM2	Combination of 1 x WBM2 & 1 x WBM3	Combination of 2 x WBM3	1540 x 993 x 286	1540 x 1468 x 286	Combination of 2 x FBM2	Combination of 1 x FBM2 & 1 x FBM3	Combination of 2 x FBM3

\*flueing required [FKV32LTR Vertical or FKH32LTR horizontal]

\*\* External vent cap required [KMVC-100]

## Typical Bosch Manifold pack installation

This installation diagram serves as a guide only. Please refer to installation instructions and local authority guidelines, or contact a Bosch Commercial Representative when designing systems.



For more information  
please contact us on  
**1300 30 70 37**  
or visit  
[www.bosch.com.au/hotwater](http://www.bosch.com.au/hotwater)