

Mains Pressure Vitreous Enamel

MPVE 31230015



- 3kW Element
- Abundant hot water suitable for all water pressures and a wide range of water conditions
- Vitreous Enamel lined cylinder*
- NZ MEPS Compliant
- TPR valve setting: 1000 kPa

*All VE water heaters are fitted with a sacrificial magnesium anode to provide additional corrosion protection to the cylinder in adverse water conditions

Approx. Storage Capacity	Element Rating	# People (Moderate Climate)	Installation Location	Dimensions
300 Litres	3.0 kW	3-5	Indoor	1815 x 580mm

Product Specifications

Approx. Storage Capacity	300 Litres
Type	Mains Pressure
Finish	Galvanised
Element Rating	3.0 kW
Element Type	Copper (T/P) Screw-In
Electrical Connection	240 / 50 VAC/ Hz
# People (Moderate Climate)	3-5
# People (Cold Climate)	2-4
Installation Location	Indoor

Water Connection Inlet & Outlet	RP ¾/20 mm
T&PR Setting	1000 kPa
Dimensions	1815 x 580mm
T&PR Connection	RP ½/15 mm
Weight Empty Approx	91 kg
Max Working Pressure	1000 kPa
Thermostat Setting Max	70 °C
Thermostat Setting Min	60 °C
Country of Manufacture	New Zealand
Domestic Warranty: Parts (Parts/Labour)	1 Year
Domestic Warranty: Cylinder/Tank (Labour)	5 Year
Domestic Warranty: Cylinder/Tank (Replacement)	10 Year
Non-Domestic Warranty: Parts (Parts/Labour)	1 Year
Non-Domestic Warranty: Cylinder/Tank (Labour)	1 Year
Non-Domestic Warranty: Cylinder/Tank (Replacement)	3 Year

Reference Guide for Element Rating and Recovery

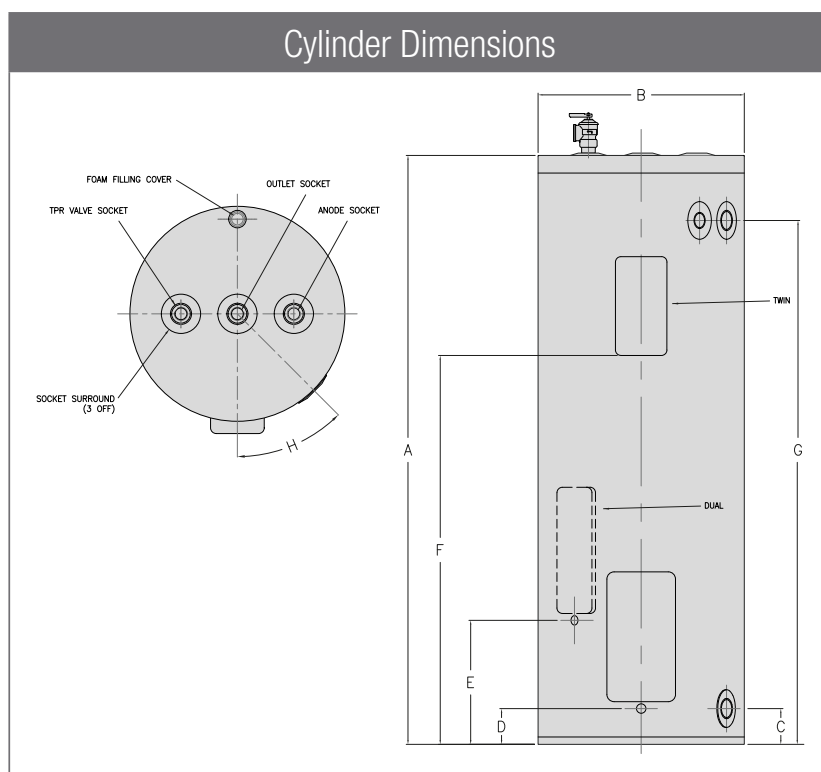
	Recovery on a 50°C Rise	AMPS
2.0 kW	34 litres per/hr	8.7
2.4 kW	40 litres per/hr	10.4
3.0 kW	51 litres per/hr	13.1
3.6 kW	62 litres per/hr	15.7
4.8 kW	82 litres per/hr	21.0
5.0 kW	85 litres per/hr	21.8
6.0 kW	103 litres per/hr	26.1
2 x 3.0 kW	103 litres per/hr	26.2
2 x 5.0 kW	171 litres per/hr	43.6

SPECIFICATIONS

MAINS PRESSURE – VITREOUS ENAMEL (VE)

Product		Models											
Single Element Indoor		31202519V	31204515	31209015	31213513 31213515	32213515	31218013 31218015		32218015	31225015	31230015		
Twin Element (non-simultaneous) Indoor							31218025			31225025			
Dual Element (simultaneous) Indoor											31230033 31230055		
Optima Outdoor/Indoor								91318015					
Optima Twin Element (non-simultaneous) Outdoor/Indoor												91330025	492400G8
Approx. Storage Capacity	Litres	25	45	90	135	135	180	180	180	250	300	300	400
Boost Capacity (Twin Element)	Litres	-	-	-	-	-	45*	-	-	50**	50	47	90
Height	A (mm)	398	525	925	1325	935	1710	1720	1165	1555	1815	1820	1840
Width	B (mm)	400	490	490	490	580	490	490	580	580	580	580	690
	C (mm)	116	120	120	120	120	120	120	120	120	120	120	120
	D (mm)	32	65	65	65	65	65	-	65	65	65	-	105
	E (mm)	-	-	-	-	-	-	-	-	-	162	-	-
	F (mm)	-	-	-	-	-	1182*	-	-	1126**	-	1298	1323
	G (mm)	246	-	-	-	-	-	1546	-	-	-	1636	1479
	H (°)	45	45	45	45	45	45	36	45	45	45	36	97
Approx Weight Empty	Kg	15	26	38	49	54	60-62	64	64	80-82	91	97	113
Relief Valve Setting	kPa	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
Water Connections		RP ¾ / 20	RP ¾ / 20	RP ¾ / 20	RP ¾ / 20	RP ¾ / 20	RP ¾ / 20	RP ¾ / 20	RP ¾ / 20	RP ¾ / 20	RP ¾ / 20	RP ¾ / 20	RP ¾ / 20
Element Rating (@230V)	KW	2.0	3.0	3.0	2.0 or 3.0	3.0	2.0 or 3.0	3.0	3.0	3.0	3.0 or 5.0	3.0	4.8^

*31218025 only **31225025 only ^ @ 240V



1. Inlet/Outlet and TPR valve are side mounted on left-hand side of 31202519V.
2. Inlet/outlet and TPR valve are side mounted on right-hand side of 91318015 and 91330025.

Specifications Electric (@230V)

kW	Recovery on a 50°C rise	AMPS
2.0 kW	34 litres per hr	8.7 A
2.4 kW	40 litres per hr	10.4 A
3.0 kW	51 litres per hr	13.1 A
3.6 kW	62 litres per hr	15.7 A
4.8 kW	82 litres per hr	21.0 A
5.0 kW	85 litres per hr	21.8 A
6.0 kW	103 litres per hr	26.1 A
2 × 3.0 kW	103 litres per hr	26.2 A
2 × 5.0 kW	171 litres per hr	43.6 A

