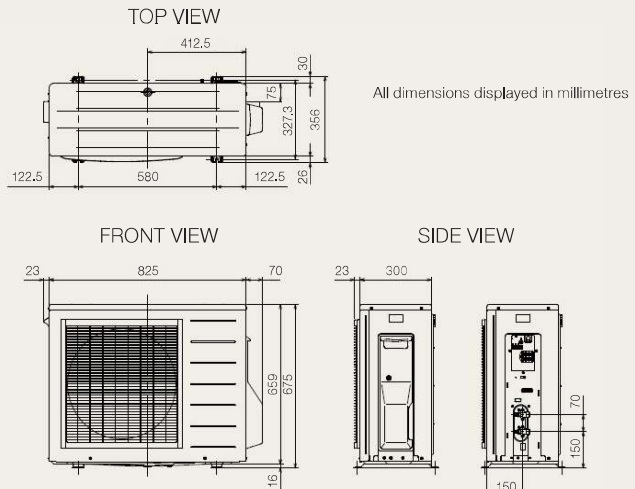


Specifications

Please note: A Sanden Eco® Plus Hot Water Heat Pump System consists of 1 x Heat Pump and 1 x Tank (Refer to 'STC Rebate Zones' for System Model Numbers).

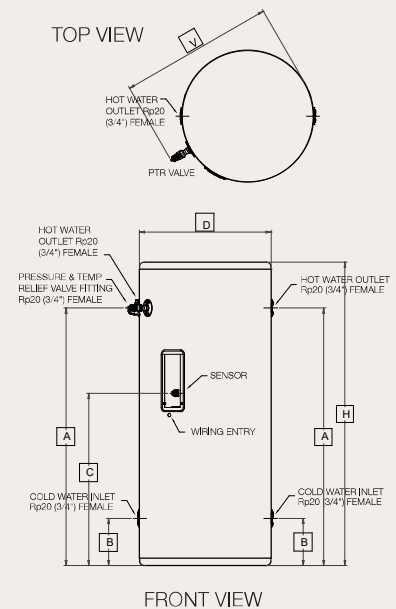
Heat Pump

Item No.	GAU-A45HPD
Dimensions	
Weight	48kg
Technical	
Heat Output (at 32.45 °C ambient / 18.74 °C cold water inlet)	4.99kW
Electric Input (at 32.45 °C ambient / 18.74 °C cold water inlet)	0.84kW
COP (at 32.45 °C ambient / 18.74 °C cold water inlet)	5.96^
Refrigerant	CO ² (R744)
Water Temperature Setting (Nominal) - from Heat Pump unit	63 °C
Compressor	Scroll, with Inverter Control Technology
Electrical Supply	240V/50Hz/Single Phase
Circuit	20Amps
Operating Noise Level (measured 1m from Heat Pump unit)	37dB
Ambient Air Operating Temperature	Minus 10 °C to Plus 42 °C
Maximum Operating Water Pressure	850kPa
Maximum Heat Output	6.0kW
Maximum Rated Power Input	2.3kW
Water Connections & Settings	
Inlet	½" BSP, 12.7 mm
Outlet	½" BSP, 12.7 mm
Country of Manufacture	Japan
Warranty	6 Years***



Storage Tank

Item No.	SAN-160SAQA	SAN-250SAQA	SAN-300SAQA	SAN-315SAQA	SAN-315VE
V Diameter	719mm	719mm	678mm	719mm	736mm
H Height	970mm	1428mm	1891mm	1748mm	1626mm
A Hot Water Outlet & PTR Valve	753mm	1212mm	1693mm	1531mm	1432mm
C Sensor Port	249mm	708mm	1086mm	1027mm	1111mm
B Cold Water Inlet / Heat Pump Flow	223mm	222mm	208mm	221mm	115mm
D Diameter	621mm	621mm	580mm	621mm	638mm
Weight	29kg	45kg	50kg	55kg	90kg
Storage Capacity	160L	250L	300L	315L	315L
Inner Tank	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Vitreous Enamel
Water Connections & Settings					
Tank Relief Valve Setting (PTR Valve)	850 (kPa)	850 (kPa)	850 (kPa)	850 (kPa)	850 (kPa)
Expansion Control Valve Setting (ECV)	700 (kPa)	700 (kPa)	700 (kPa)	700 (kPa)	700 (kPa)
Maximum Mains Pressure Settings					
With ECV	500 (kPa)	500 (kPa)	500 (kPa)	500 (kPa)	500 (kPa)
Inlet Water Operating Pressure	500 (kPa)	500 (kPa)	500 (kPa)	500 (kPa)	500 (kPa)
Adjustable Tempering Valve	1400 (kPa)	1400 (kPa)	1400 (kPa)	1400 (kPa)	1400 (kPa)
Hot and Cold Connection	Rp 20 (3/4") Female	Rp 20 (3/4") Female	Rp 20 (3/4") Female	Rp 20 (3/4") Female	Rp 20 (3/4") Female
Watermark Licence No.	WM-022333	WM-022333	WM-022333	WM-022333	WM-022333
Colour	Surfmist & Ironstone Ends	Surfmist & Ironstone Ends	Surfmist & Ironstone Ends	Surfmist & Ironstone Ends	Surfmist & Ironstone Ends
Country of Manufacture	Australia	Australia	Australia	Australia	Australia
Warranty	15 Years Prorata*** (Excludes WA)	15 Years Prorata*** (Excludes WA)	15 Years Prorata*** (Excludes WA)	15 Years Prorata*** (Excludes WA)	10 Years Prorata*** (All States)



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Note: Materials and specifications are subject to change without notice.

***Refer to website for Warranty Terms and Conditions
 ** Stainless Steel Only
 * Calculated using ORER methodology
 ^ Tested under AS/NZ5125.1:2014 requirements



For more information or your nearest Dealer/Installer, please call 1800146123 or visit www.sanden-hot-water.com.au