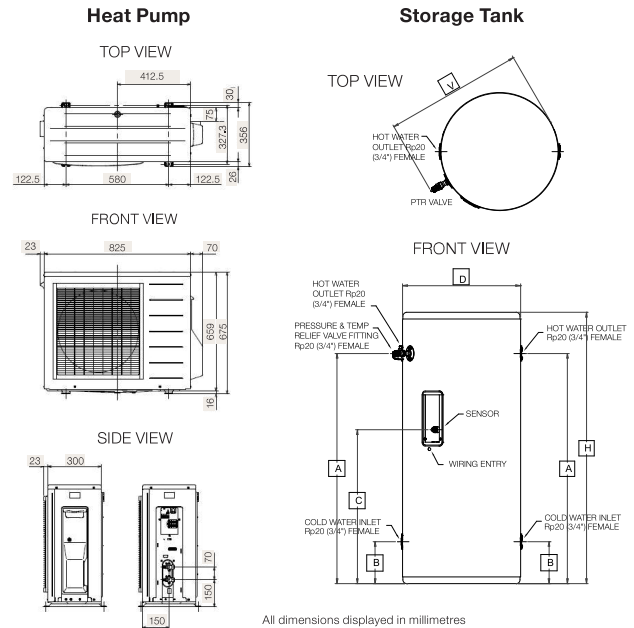


Specifications

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	15Amps
Operating Noise Level (measured 1m from Heat Pump unit)	37dB
Ambient Air Operating Temperature	-10 to +43 degrees C
Maximum Operating Water Pressure	850kPa
Maximum Heat Output	6.0kW
Maximum Rated Power Input	2.5kW
Water Connections & Settings	
Inlet	½" BSP, 12.7 mm
Outlet	½" BSP, 12.7 mm
Warranty	6 years*** or 10 years***



Storage Tank

Item No.						New Tall, Slim Tank range				
	SAN-160SAQA	SAN-250SAQA	SAN-300SAQA	SAN-315SAQA	SAN-315VE	SAN-160SAQD	SAN-250SAQD	SAN-300SAQD	SAN-315SAQD	
H Height	970mm	1428mm	1691mm	1748mm	1626mm	1100mm	1635mm	1905mm	2000mm	
A Hot Water Outlet & PTR Valve	753mm	1212mm	1693mm	1531mm	1432mm	895mm	1430mm	1705mm	1800mm	
C Sensor Port	249mm	708mm	1086mm	1027mm	1111mm	550mm	985mm	1215mm	1290mm	
B Cold Water Inlet / Heat Pump Flow	223mm	222mm	208mm	221mm	115mm	245mm	250mm	250mm	245mm	
D Diameter	621mm	621mm	580mm	621mm	638mm	580mm	580mm	580mm	580mm	
V Diameter incl. PTR Valve	719mm	719mm	678mm	719mm	736mm	678mm	678mm	678mm	678mm	
Weight	29kg	45kg	50kg	55kg	90kg	29kg	47kg	52kg	57kg	
Storage Capacity	160L	250L	300L	315L	315L	160L	250L	300L	315L	
Inner Tank	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Vitreous Enamel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	
Water Connections & Settings										
Tank Relief Valve Setting (PTR Valve)	850kPA	850kPA	850kPA	850kPA	850kPA	700kPA	700kPA	700kPA	700kPA	
Expansion Control Valve Setting (ECV)	700kPA	700kPA	700kPA	700kPA	700kPA	600kPA	600kPA	600kPA	600kPA	
Maximum Mains Pressure Settings										
With ECV	500kPA	500kPA	500kPA	500kPA	500kPA	500kPA	500kPA	500kPA	500kPA	
Inlet Water Operating Pressure	500kPA	500kPA	500kPA	500kPA	500kPA	500kPA	500kPA	500kPA	500kPA	
Adjustable Tempering Valve	1400kPA	1400kPA	1400kPA	1400kPA	1400kPA	1400kPA	1400kPA	1400kPA	1400kPA	
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	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	WM-022333	WM-022333	WM-022333	WM-022333	
Colour	Surfmist Body & Ironstone Ends	Surfmist Body & Ironstone Ends	Surfmist Body & Ironstone Ends	Surfmist Body & Ironstone Ends	Surfmist Body & Ironstone Ends	Surfmist Body & Ironstone Ends	Surfmist Body & Ironstone Ends	Surfmist Body & Ironstone Ends	Surfmist Body & Ironstone Ends	
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)	15 Years Prorata** (Excludes WA)	15 Years Prorata** (Excludes WA)	15 Years Prorata** (Excludes WA)	15 Years Prorata** (Excludes WA)	



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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