

## Toshiba Air Conditioning Data Sheet

601HW-E & 601XWH\*\*W-E  
R32 Estia Air to Water Heat Pump



Outdoor Model Reference				601HW-E	
Indoor Model Reference		Air T°	Water T°	601XWH**W-E	
Under Floor	Nominal Heating Capacity	+7°C	35°C	kW	6.0
Heating	Max Heating Capacity	+7°C	35°C	kW	7.25
	COP	+7°C	35°C	W/W	4.80
	Energy Efficiency Class - Low Temp Energy label		35°C		A+++
	Seasonal Space Heating Energy Efficiency		35°C	SCOP/ηs %	4.58/180
	Max Heating Capacity	-7°C	35°C	kW	6.06
	Heating Capacity *1	-7°C	35°C	kW	5.26
	COP *1	-7°C	35°C	W/W	2.97
	Max Heating Capacity	-10°C	35°C	kW	5.57
	Max Heating Capacity	-15°C	35°C	kW	4.75
	Heating Capacity *1	-15°C	35°C	kW	4.39
	COP *1	-15°C	35°C	W/W	2.56
Radiators Heating & DHW	Max Heating Capacity	+7°C	45°C	kW	6.97
	Max Heating Capacity	-7°C	45°C	kW	5.80
	Max Heating Capacity	-15°C	45°C	kW	4.03
	Max Heating Capacity	+7°C	55°C	kW	7.53
	Max Heating Capacity	-7°C	55°C	kW	5.42
	Max Heating Capacity	-10°C	55°C	kW	-
	Max Heating Capacity	-15°C	55°C	kW	-
	Energy Efficiency Class - Low Temp Energy label		55°C		A++
	Seasonal Space Heating Energy Efficiency		55°C	SCOP/ηs %	3.37/132
Cooling	Nominal Cooling Capacity	35°C	7°C	kW	5.0
	EER	35°C	7°C	W/W	3.30
	Nominal Cooling Capacity	35°C	18°C	kW	7.12
	EER	35°C	18°C	W/W	3.91

# TOSHIBA

- 2 Zone with weekly timer controller
- Available hot water tank 150l / 200l / 300l
- Compact Hydro Unit with backup heater
- Quiet operation
- Smartphone control

[www.cdlweb.info](http://www.cdlweb.info)

UK capacities are based on the following conditions: Cooling: Indoor 23°C DB/16°C WB ~ Outdoor 29°C DB Heating: Indoor 20°C DB ~ Outdoor -5°C/100% RH Nominal capacities are based on NEMA Cooling: Indoor 27°C DB/19°C WB ~ Outdoor 35°C DB Heating: Indoor 20°C DB ~ Outdoor 7°C/100% RH 7.5m Pipe Run and High Speed. Data from Toshiba Air Conditioning July 2019

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Indoor Model Reference		Air T°	Water T°	601XWH**W-E	
Operating Range	Space Heating Operation Outdoor			°C	-20 ~ 25
	Hot Water Operation Outdoor			°C	-20 ~ 43
	Cooling Operation Outdoor			°C	10 ~ 43
Operating Range	Hydro Heating Operation Indoor			°C	+20 ~ 55
	Hydro Cooling Operation Indoor			°C	+7 ~ 25
Heating Condition	Input Power	35°C	7°C	kW	1.25
	Rated Water Flow	35°C	7°C	l/m	17.3
Sound	Sound Pressure Outdoor (Rated-Silent) @ 1m *2			dB(A)	46/42
	Sound Pressure Outdoor (Rated-Silent) @ 5m *3			dB(A)	40/36
	Sound Power Outdoor (Rated-Silent)			dB(A)	62/58
Unit	Height X Width X Depth			mm	630 x 800 x 300
	Weight			kg	42
	Refrigerant Charge Amount/Chargeless to			kg/m	0.9/20
Air Flow	Standard			l/s	607
	Standard			m3/h	2184
Pipe Connection	Flare Connections (Gas - Liquid)			inch	1/2 - 1/4
	Drain Port Connection			mm	16
	Min.-Max. Length			m	5-30
	Additional refrigerant charge			g/m	20
	Maximum Height Difference			m	30
Electrical	Power Input Heating			kW	1.25
	Running Current Heating			Amps	5.78
	Power Input Cooling			kW	1.52
	Running Current Cooling			Amps	7.11
	Maximum Running Current			Amps	14.6
	Power Supply			V/ph/Hz	220-240/1/50
	Baseplate Tape heater			Watts	-
	Interconnection Cable to Hydro Indoor				2 core + earth
	Wiring Connection Power to Outdoor Unit				2 core + earth
	Suggested Fused Supply Outdoor Unit			Amps	16

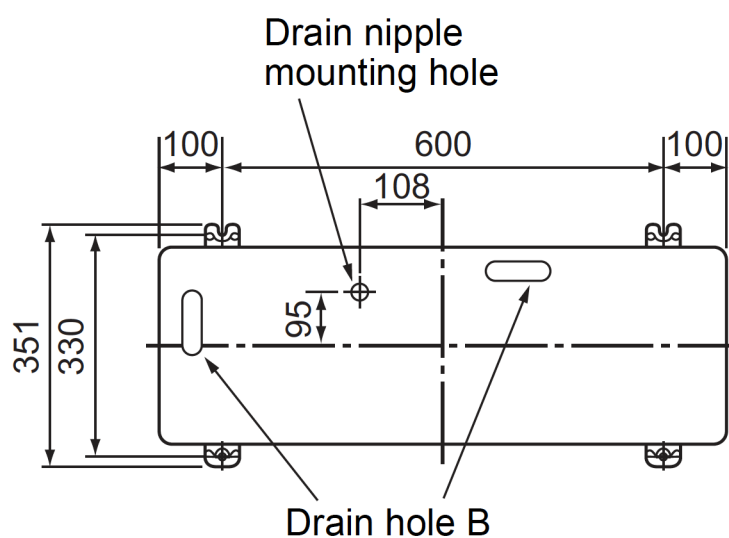
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### <HWT-40, 60>



### <HWT-80, 110>

