

WATER HEATER WH

NATURAL REFRIGERANT R290

ENERGY CLASS A+

LOW NOISE: AS LOW AS 38 dB(A)

HOLIDAY, ECO, BOOST MODES

CONTROLLER AS STANDARD

SMART GRID CONTACT AS STANDARD

Model	Unit	TAD-WH80-IT	TAD-WH110-IT	TAD-WH150-IT
Volume	L	82	102	149
Type	-	wall-hung	wall-hung	wall-hung
Power supply	V/Hz	220-240/50	220-240/50	220-240/50
Max pressure	bar	8	8	8
Corrosion protection	-	magnesium anode	magnesium anode	magnesium anode
IP rating	IP	X4	X4	X4
Inverter	-	No	No	No
Rated power input, heat pump only	W	250	250	250
Max heat pump power input	W	370	370	370
Max power input	W	1570	1570	1570
Default setpoint	°C	56	56	56
DHW temp. range with electric heater	°C	35 - 75	35 - 75	35 - 75
DHW temp. range without heater	°C	35 - 65	35 - 65	35 - 65
Refrigerant / Charge	kg	R290/0.12	R290/0.12	R290/0.12
Ozone Depletion Potential	ODP	0	0	0
Global Warming Potential	GWP	3	3	3
Sound power at 7 °C	dB(A)	50	50	50
Sound pressure at 1 m	dB(A)	36	36	36
Outdoor operating temperature	°C	-7 ~ 45	-7 ~ 45	-7 ~ 45
Installation room temperature	°C	2 ~ 45	2 ~ 45	2 ~ 45
Performance (EN16147)				
COP at 2 °C	°C	2,38	2,55	2,65
Heating efficiency	%	99	107	110
Energy efficiency class	-	A	A+	A
Max usable water volume at 40°C	L	107,4	129,2	191,5
COP at 7 °C	°C	2,91	2,79	3,03
Heating efficiency	%	121	118	125
Energy efficiency class	-	A+	A+	A+
Max usable water volume at 40°C	L	103,8	133,0	190,0
COP at 14 °C	°C	3,07	3,32	3,39
Heating efficiency	%	129	140	140
Energy efficiency class	-	A+	A++	A+
Max usable water volume at 40°C	L	105,7	131,9	184,3
Heating time at 7°C	H:min	04:26	05:38	08:37
Heating time at 14°C	H:min	03:48	04:47	07:11
Profile	-	M	M	L
Standby power	kW	0,019	0,02	0,026
Dimensions				
Hot water outlet	inches	R1/2"M	R1/2"M	R1/2"M
Cold water inlet (and tank drain)	inches	R1/2"M	R1/2"M	R1/2"M
Safety valve connection	inches	R1/2"M	R1/2"M	R1/2"M
Dimensions WxDxH	mm	492x547x1184	492x547x1334	492x547x1694
Weight	kg	53	57	69