



Παγκόσμιος Ηγέτης στο **Ιδανικό** Κλίμα.



Λέβητες



Daikin Altherma 3 C Gas W

Supremely compact gas condensing boiler
providing heating and hot water

- Very compact unit and flexible in use: possible to install in nearly all room conditions (inside the house as well as outside) thanks to freeze protection for water piping
- Easy to service: all parts are accessible by only removing the front panel
- High heating efficiency up to 108%
- High modulating range 1:8 : the capacity is adapted based on the required heat load of the house from 3 to 24 kW and 5 to 35 kW
- Combine it with solar heating for even better energy efficiency
- C-model: The combi model means that the boiler has a plate heat exchanger to provide instant domestic hot water
- T-model (tank): The tank model means that the boiler does not have a plate heat exchanger. Domestic hot water is provided by an external storage tank heated by the boiler
- A1 model means that the filling loop is internal
- A4 model means that the filling loop is external



Indoor unit			D2	TND012A4A	TND018A4A	TND024A4A	TND028A4A	TND035A4A	CND024A1A	CND028A4A	CND035A1A
Central heating	Heat input Qn Nom (net calorific value)	Min/Max	kW	2.9/11.2	2.9/17.0	2.9/23.5	4.8/27	4.8/34	2.9/23.5	4.8/27	4.8/34
	Heat input Nom Qn (gross calorific value)	Min/Max	kW	3.2/12.4	3.2/18.9	3.2/26.1	5.3/30	5.3/37.8	3.2/26.1	5.3/30	5.3/37.8
	Output Pn Min/Nom at 80/60 °C	kw	2.8/10.9	2.8/16.6	2.8/22.8	4.6/26.3	4.6/33.2	2.8/22.8	4.6/26.3	4.6/33.2	
	Output Pnc at 50/30 °C	kw	3.1/12.0	3.1/18.0	3.1/24.0	5.2/28.2	5.2/35	3.1/24.0	5.2/28.2	5.2/35	
	Water pressure (PMS)	Max	bar				3				
	Water temperature	Max	°C				100				
	Efficiency Net calorific value	%	98.6	98.2	97.9		98.2	97.9	-	-	
	Operation Min/Max range	°C				30/80					
Piping connections						19 (3/4") Male					
Domestic hot water	Heat input Nom (net calorific value) Qnw	Min/Max	kW	2.9/11.2	2.9/17.0	2.9/23.5	4.8/29.5	4.8/34	2.9/23.5	4.8/29.5	4.8/34
	Heat input Nom (gross calorific value) Qnw	Min/Max	kW	3.2/12.4	3.2/18.1	3.2/26.1	5.3/32.7	5.3/37.7	3.2/26.1	5.3/32.7	5.3/37.7
	Domestic hot water threshold	l/min				2.5		2.0		2.5	
	Temperature Factory setting	°C				50					
	Operation Min/Max range	°C				35/60					
Piping connections			mm			19 (3/4") Male					
Gas	Connection diameter for heat flow and return	mm				12.7 (1/2") Male					
	Connection diameter	mm									
	Gas connection diameter	mm				19 (3/4") Male					
	Consumption (G20)	Min/Max	m³/h	0.31/1.18	0.31/1.80	0.31/2.48	0.51/2.89	0.51/3.63	0.31/2.48	0.51/2.89	0.51/3.63
	Consumption (G25)	Min/Max	m³/h	0.36/1.38	0.36/2.09	0.36/2.89	0.59/3.32	0.59/4.19	0.36/2.89	0.59/3.32	0.59/4.19
	Consumption (G31)	Min/Max	m³/h	0.12/0.46	0.12/0.69	0.2/1.1	0.2/1.38	0.12/0.96	0.2/1.1	0.2/1.38	
Supply air	Connection	mm				100					
	Concentric					1					
Flue gas	Connection	mm				60					
Space heating	General	ηs (Seasonal space heating efficiency)	%			93					
		Seasonal space heating eff. class				A					
Domestic hot water heating	General	Declared load profile ηwh (water heating efficiency)	%						XL		
		Water heating energy efficiency class							85		83
										A	
Casing	Colour					Titanium White (RAL9003)					
	Material					Sheet metal	Powder painted galvanised steel plate		Sheet metal		Powder painted galvanised steel plate
Dimensions	Unit	Height x Width x Depth	Casing	mm	590 x 400 x 256	690 x 440 x 295		590 x 400 x 256			
Weight	Unit	Empty	kg		27	36		27			37
Power supply	Phase/Frequency/Voltage	Hz/V		1~/50/230		1~/50/230					1~/50/230
Electrical power consumption	Max.	W		86	92	112		86	92		112
	Standby	W		3.5	2.7			3.5	2.7		