

Gas condensing boiler

D2TND-A4A / D2CND-A1A/A4A



Online controller
via app

Supremely compact gas condensing heating only boiler

- › Very compact and possible to install nearly anywhere
- › Easy to service as only front panel needs to be removed
- › High heating efficiency up to 108%
- › High modulating range 1:8 : adaptable capacity from 3 to 24 kW
- › Combine it with solar heating for even better energy efficiency

D2TND-A4A / D2CND-A1A/A4A



D2TND-A4A/D2CND-A1A/A4A

Indoor unit		D2TND/D2CND		2TND012A4A	2TND018A4A	2TND024A4A	2CND024A4A	2TND028A4A	2CND028A1A	2CND028A4A	2TND035A4A	2CND035A1A	2CND035A4A
Central heating	Heat input Q _n (net calorific value)	Nom	Min/Max	kW	2.9/11.2	2.9/17.0	2.9/23.5		4.8/27		4.8/34		
	Heat input Q _n (gross calorific value)	Nom	Min/Max	kW	3.2/12.4	3.2/18.9	3.2/26.1		5.3/30		5.3/37.8		
	Output P _n at 80/60°C	Min/Nom		kW	2.8/10.9	2.8/16.6	2.8/22.8		4.6/26.3		4.6/33.2		
	Output P _{nc} at 50/30°C	Min/Nom		kW	3.1/12.0	3.1/18.0	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		-			
Operation range	Min/Max			°C	30/80								
Domestic hot water	Heat input (net calorific value) Q _{nw}	Nom	Min/Max	kW	2.9/11.2	2.9/17.0	2.9/23.5		4.8/29.5		4.8/34		
	Heat input (gross calorific value) Q _{nw}	Nom	Min/Max	kW	3.2/12.4	3.2/18.1	3.2/26.1		5.3/32.7		5.3/37.7		
	Domestic hot water threshold			l/min	-		2.0		2.5				
	Temperature	Factory setting		°C	50								
	Operation range	Min/Max			°C	35/60							
Gas	Consumption (G20)	Min/Max		m ³ /h	0.31/1.18	0.31/1.80	0.31/2.48		0.511/2.89		0.511/3.63		
	Consumption (G25)	Min/Max		m ³ /h	0.36/1.38	0.36/2.09	0.36/2.89		0.59/3.32		0.59/4.19		
	Consumption (G31)	Min/Max		m ³ /h	0.12/0.46	0.12/0.69	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	s (Seasonal space heating efficiency)		%	93								
		Seasonal space heating eff. class			A								
Domestic hot water heating	General	Declared load profile			-	XL	-	XL	-	XL	-	XL	
		wh (water heating efficiency)		%	-	85	-	85	-	83	-	83	
		Water heating energy efficiency class			-	A	-	A	-	A	-	A	
Casing	Colour	Titanium White (Ral9003)											
	Material	Sheet metal					Powder painted galvanised steel plate						
Dimensions	Unit	HeightxWidthxDepth	Casing	mm	590x400x256					690x440x295			
Weight	Unit	Empty		kg	27					36	37	36	37
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/230								
Electrical power consumption	Max.			W	86					92		112	
	Standby			W	3.5					2.7			

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