

## GCU compact

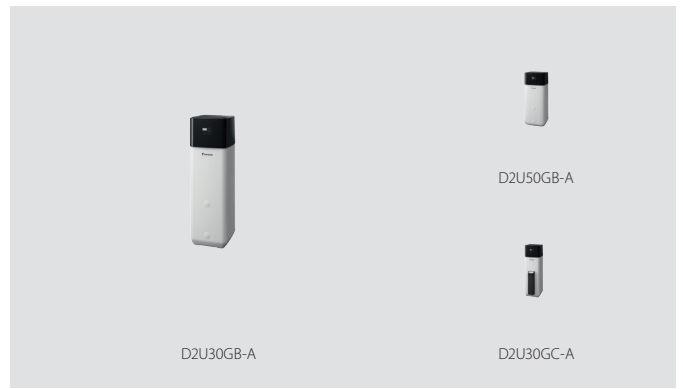
D2U30G(B/C)-A D2U50G(B/C)-A



### Combining modern gas condensing technology with a thermal store

- › Space-saving gas condensing boiler with integrated heat / solar storage
- › Auto Adaptive Lambda Gx combustion technology for all gas types
- › Universal use thanks to intelligent store management and a power output of 0.5 - 28 kW
- › High heat and DHW comfort with integrated ECH2O Thermal store: fresh water hygiene technology
- › Easy integration of thermal solar and a further additional heat generator

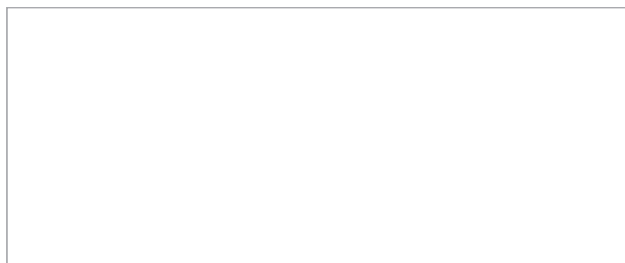
# D2U30G(B/C)-A D2U50G(B/C)-A



Indoor Unit				D2U30GB/D2U30GC/ D2U50GB/D2U50GC											
				30GB015A	30GC015A	50GB015A	50GC015A	30GB020A	30GC020A	50GB020A	50GC020A	50GB024A	50GC024A	50GB028A	50GC028A
Central heating	Heat input Qn (net calorific value)	Nom	Min-Max	3.0-15.0				3.0-20.0				4.0-24.0		4.0-28.0	
	Heat input Qn (gross calorific value)	Nom	Min-Max	3.3-16.5				3.3-22.0				4.4-26.4		4.4-30.8	
	Output Pn at 80/60°C	Min-Nom		3.0-15.0				3.0-20.0				4.0-24.0		4.0-28.0	
	Output Pnc at 50/30°C	Min-Nom		3.2-15.8				3.2-20.9				4.3-25.0		4.3-29.1	
	Output at 40/30°C	Min		3.2				3				4.3			
	Water pressure (PMS)	Max		3.2				3				4.3			
	Water temperature	Max		84				84							
	Operation range	Min/Max		10/84		-/84		10/84		-/84					
Domestic hot water	Heat input (net calorific value) Qnw	Nom	Min-Max	3.0-15.0				3.0-20.0				4.0-24.0		4.0-28.0	
	Heat input (gross calorific value) Qnw	Nom	Min-Max	3.3-16.5				3.3-22.0				4.4-26.4		4.4-30.8	
	Output	Min-Nom		3.0-15.0				3.0-20.0				4.0-24.0		4.0-28.0	
	Temperature	Factory setting		58				58							
	Operation range	Min/Max		10/85		10/70		10/85		10/70					
Gas	Connection	Diameter		20				20							
	Consumption (G20)	Min-Max		0.32-1.59		0.32-		0.32-2.11		0.42-2.54		0.42-2.96			
	Consumption (G25)	Min-Max		0.35-1.75		0.35-		0.35-2.33		0.47-2.80		0.47-3.26			
	Consumption (G31)	Min-Max		0.16-0.62		0.16-		0.16-0.82		0.21-0.98		0.21-1.15			
Supply air	Connection			80				80							
	Concentric			Yes				Yes							
Flue gas	Connection			60				60							
Space heating	General	$\eta_s$ (Seasonal space heating efficiency)		92				93							
		Seasonal space heating eff. class		A				A							
Domestic hot water heating	General	Declared load profile		L	XL	L	XL	L	XL	L	XL	L	XL	L	XL
		$\eta_{wh}$ (water heating efficiency)		77	89	78	80	80	82	82	82	82	82	82	82
		Water heating energy efficiency class		A				A							
Casing	Colour		Traffic white (RAL9016) / Dark grey (RAL7011)												
Dimensions	Unit	HeightxCasingxIntegrated on indoor unitxWidth	mm	1,881x-x790x790											
Weight	Unit	Empty	kg	76	102	76	102	76	102	76	102	76	102	76	102
Tank	Energy efficiency class			B				B							
	Standing heat loss		W	63	71	63	71	63	71	63	71	63	71	63	71
	Storage volume		l	294	477	294	477	294	477	294	477	294	477	294	477
Power supply	Phase/Frequency/Voltage			1~/50/230				1~/50/230							
Electrical power consumption	Max.		W	76				98				104		108	
	Standby		W	3				3							

Heatloss according to EN12897 | Sound power level according to ISO3741

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