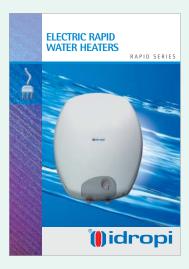
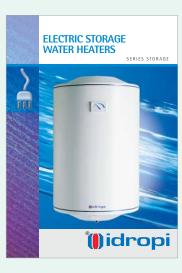
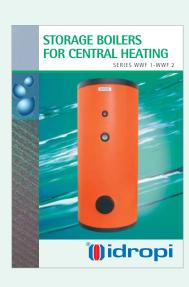
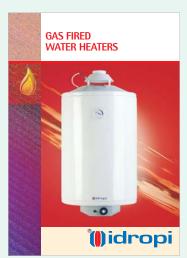
OTHER PRODUCTS











124.00.

ent and development of its products. The right is therefore, reserved to change specifications

The policy of IDROPI is that of continuous





IDROPI s.p.a.

Via XXIV Maggio, 66 - 37057 San Giovanni Lupatoto - Verona - Italia Tel. 0039 . 045 545 900 - Fax 0039 . 045 545 090 e-mail:info@idropi.com - www.idropi.com 810.000.113 98.124.00.

Autorized Dealer:

BOILER WITH DOUBLEWALL HEAT EXCHANGER

SERIE BDE



SERIE BDE

BDE Serie boilers are characterised dy being highly efficient and versatile in their use. They can be installed vertically, horizontally with connections on the right or the left, vertically on a tripod or on the floor.

may be either natural or forced. As an extra, it is possible to install several combinations of electrical heating elements with different power, single and three phase, enabling the use of hot water in the summer when the heating system may be switched off, in the same way as a simple electric

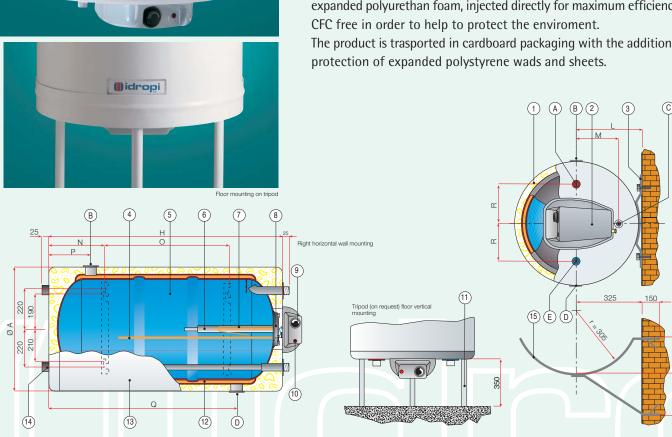
The flow of water from the heating system (boiler or solar panels)

The boiler is manufactured in steel and protected with a double enamel layer applied at temperatures of 860 °C, in accordance with the provisions of DIN 4752 regulations, to guarantee maximum protection against corrosion.

Further protection against electrolytic reactions is provided by a suitable magnesium anode easily accessible for inspection and maintenance.

The external cover is produced using sheet steel and powder varnished while the insulation is provided by a substantial layer of high density expanded polyurethan foam, injected directly for maximum efficiency,

The product is trasported in cardboard packaging with the additional



water heater.

LEGENDA: 1-Expanded polyurethane foam insulation 2-Inspection cap with cable holder 3-Brackets for wall mounting 4-Sheath for primary thermostat 5-Tank 6-Magnesium anode 7-Electric kit (thermostat and heating element, on request) 8-Inspection flange 9-Primary thermostat 10-Pilot light 11-Tripod (for vertical floor mounting, on request) 12-Double wall exchanger 13-White painted external metallic cover 14-Feet (for inverted vertical floor mounting, equiped with) 15-Supports for wall mounting (only for 300 model, on request)

MODELS

BDE 80 BDE 115 BDE 150 BDE 200 BDE 300

INSTALLATION TABLE SYSTEMS									
possibility of installation		horizon moun		vertical wall mounting	vertical floor mounting				
	fittings	right	left		on feet(1)	con tripod			
sanitary circuit	А	inlet	outlet	inlet	outlet	inlet			
	С								
	Е	inlet	outlet	outlet	inlet	outlet			
heating circuit	В	inlet	outlet	inlet	outlet	inlet			
	D	outlet	inlet	outlet	inlet	outlet			
mounting systems for 80-115-150 models mounting systems for 200 models			brackets	(equped with)	tripod				
				feet	(on request)				
mounting systems for 300 models	supports wall fi	tted (on request)							

(1) In this installation system is not possibile use the electric heating kit

TECHNICAL DATA		UNIT OF Measure	BDE 80		BDE 115		BDE 150		BDE 200		BDE 300		
fitting			wall mounting (vertical and horizontal), fl				or mounting and on				ıllation systems)		
	capacity	lt	80 115			150		200		300			
performances	heating exchanger surface	sqm	0,48 0,80		80	1,15		1,26		1,92			
	inlet heating water	°C	80	60	80	60	80	60	80	60	80	60	
	outlet heating water	°C	60	50	60	50	60	50	60	50	60	50	
	heating pump water flow	lt/h	1200	1200	1500	1500	1800	1800	2000	2000	2500	2500	
	heating time with Δ =35°C	minutes	21	44	21	40	19	37	21	40	20	42	
	continuos water supply at 45°C	lt/h	280	135	418	205	605	295	695	330	1100	645	
	exchanger power	kW	11,4	5,5	17	9,4	24,5	12	28,3	13,4	44,7	21,5	
max. working	heating circuit	bar						3					
pressure	sanitary circuit	bar	6										
connections (reference)	sanitary outlet (hot water)	inc	3/4" M 1" M										
	sanitary inlet (cold water)	inc	3/4" M									1" M	
	sanitary recycle	inc	3/4" M 1" M										
	inlet and outlet exchanger	inc	1 1/4" H									4" H	
	electric kit		on request (see accessories - electic heating kit)										
thermal	method		injected polyurethane foam CFC free										
insulation	thickness	mm	38 30										
body	jacket		steel jacket epoxy powders vasrnished 180 °C										
	covers		steel jacket epoxy powders vasrnished 180 °C										
	hydraulic safety valve	bar	8										
	dimension A (extenal diameter)	mm	520								600		
	dimension H (heigt)	mm	745			5 1265			12		1730		
	dimension L	mm									32	25	
safety and	dimension M	mm	150 180										
dimensions	dimension N	mm	0.4		200			23		not available			
	dimension 0	mm	30	00	540 820		20		730				
	dimension P	mm	405		205		1015		235		26		
	dimension Q	mm	495 740				10	115	955		14	25	
	dimension R	mm				60					210		
	width	cm	·						66,	,			
packing	depth	cm	56,5 88 112,5				4.	10	136,5		,5 186,5		
dimensions	heigth	cm						40				,	
aimbė	volume	cmt	- ,	28 /43	0,3 62/		0,4		0,6		0,8 122/		
weight	net/gross	kg	41/				73	//5	92/			127	
accessories tripod		power/voltage	2,5 kW 230 one-phase code 830.000.046										
	electric heating kit	power/voltage	1,8 kW 230/400 one-threephase code 830.000.052										
		power/voltage power/voltage		2,4 kW 230/400 one-threephase code 830.000.047									
	tripod	code	3,6 kW 230/400 one-threephase 677.520.001						·	code 830.000.048 677.600.002			
	supports for wall mounting	code	077.320.001						077.00	670.000.013			
spare parts	hydraulic safety valve	code									820.10		
	sheath for thermostat	code	360.080.002								0.001		
	primary thermostat	code	401.000.002										
		mm	Ø21x220 Ø21x400							สวาง	/6/IN		
	magnesium anode	code						21x640					
	flange gaskit	code	321.020.001 321.000.001					351.021.003					
	nange gaskit	COUC	321.000.001										