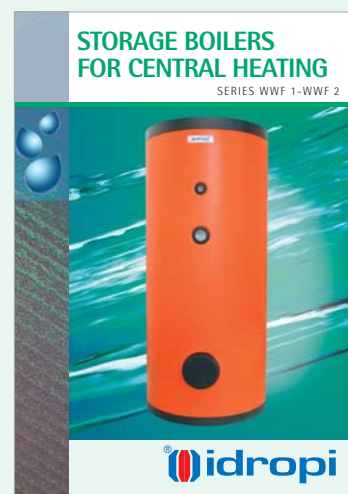
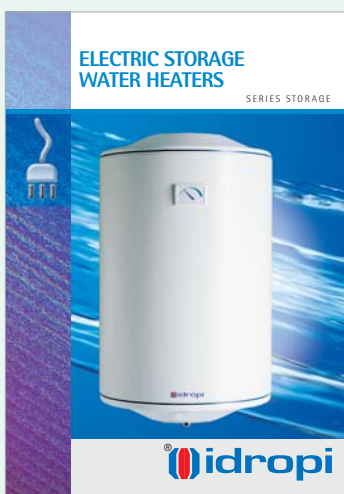
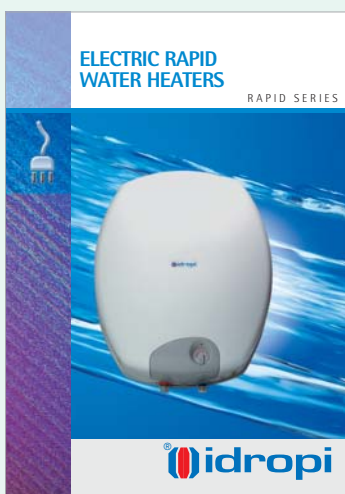


OTHER PRODUCTS



The policy of IDROPI is that of continuous improvement and development of its products. The right is therefore, reserved to change specifications without notice and obligation to substitute.

810.000.113 | 98.124.00.

Authorized Dealer:



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

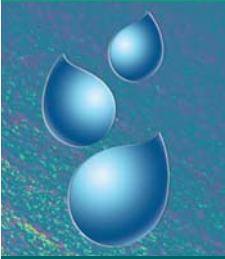
BOILER WITH DOUBLE WALL HEAT EXCHANGER

SERIE BDE

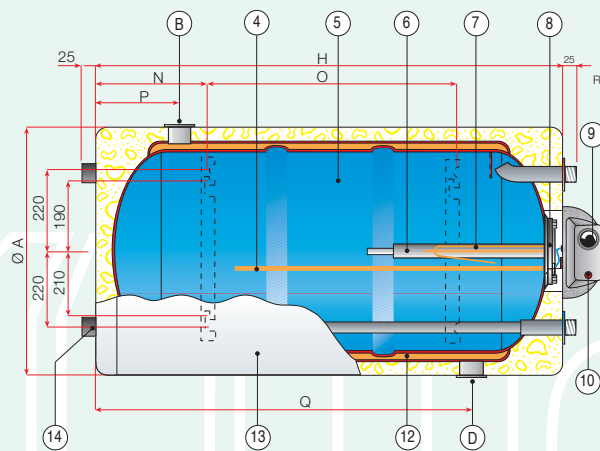


[®]  **idropi**

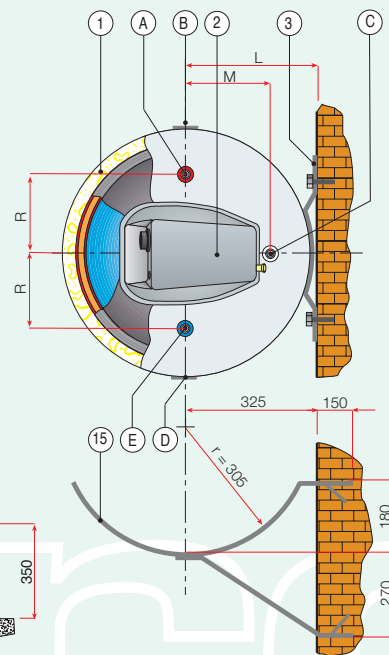
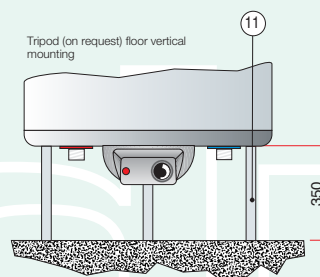
SERIE BDE



Floor mounting on tripod



Right horizontal wall mounting



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, equipped 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	fittings	horizontal wall mounting		vertical wall mounting	vertical floor mounting	
		right	left	inlet	on feet(1)	con tripod
sanitary circuit	A	inlet	outlet	inlet	outlet	inlet
	C	recycling				
	E	inlet	outlet	outlet	inlet	outlet
heating circuit	B	inlet	outlet	inlet	outlet	inlet
	D	outlet	inlet	outlet	inlet	outlet
mounting systems for 80-115-150 models	brackets			(equiped with) feet	tripod (on request)	
mounting systems for 200 models						
mounting systems for 300 models	supports wall fitted (on request)					

(1) In this installation system is not possible 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), floor mounting and on tripod (see the table installation systems)					
performances	capacity	lt	80					300
	heating exchanger surface	sqm	0,48					1,92
	inlet heating water	°C	80	60	80	60	80	60
	outlet heating water	°C	60	50	60	50	60	50
	heating pump water flow	lt/h	1200	1200	1500	1500	1800	1800
	heating time with $\Delta=35^{\circ}\text{C}$	minutes	21	44	21	40	19	37
	continuous water supply at 45°C	lt/h	280	135	418	205	605	295
max. working pressure	exchanger power	kW	11,4	5,5	17	9,4	24,5	12
	heating circuit	bar						3
connections (reference)	sanitary circuit	bar						6
	sanitary outlet (hot water)	inc						3/4" M
	sanitary inlet (cold water)	inc						3/4" M
	sanitary recycle	inc						3/4" M
	inlet and outlet exchanger	inc						1 1/4" H
thermal insulation	electric kit							on request (see accessories - electric heating kit)
	method							injected polyurethane foam CFC free
body	thickness	mm						38
	jacket							30
safety and dimensions	covers							steel jacket epoxy powders vasrnished 180°C
	hydraulic safety valve	bar						8
	dimension A (extenal diameter)	mm						520
	dimension H (heigt)	mm	745	985		1265	1230	1730
	dimension L	mm						270
	dimension M	mm						150
	dimension N	mm						200
	dimension O	mm	300	540	820	730	230	not available
	dimension P	mm						205
	dimension Q	mm	495	740	1015	955	235	265
packing dimensions	dimension R	mm						160
	width	cm						56,5
	depth	cm						56,5
	height	cm	88	112,5	140	136,5	66,5	186,5
weight	volume	cmt	0,28	0,36	0,44	0,60	0,82	
	net/gross	kg	41/43	62/64	73/75	92/97	122/127	
accessories	power/voltage		2,5 kW 230 one-phase				code 830.000.046	
	power/voltage		1,8 kW 230/400 one-threephase				code 830.000.052	
	power/voltage		2,4 kW 230/400 one-threephase				code 830.000.047	
	power/voltage		3,6 kW 230/400 one-threephase				code 830.000.048	
	tripod	code	677.520.001				677.600.002	
spare parts	supports for wall mounting	code					670.000.013	
	hydraulic safety valve	code	820.034.000				820.100.001	
	sheath for thermostat	code	360.080.002					
	primary thermostat	code	401.000.002					
	magnesium anode	mm	$\varnothing 21 \times 220$	$\varnothing 21 \times 400$		$\varnothing 21 \times 640$		
	flange gaskit	code	351.020.001	351.022.002		351.021.003		