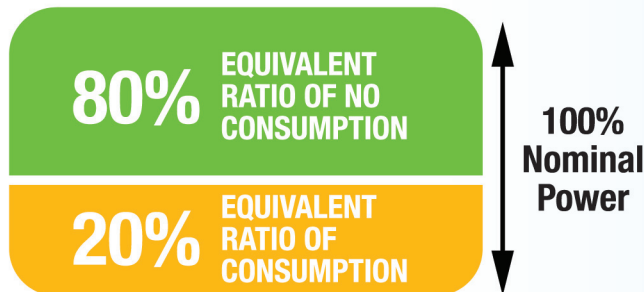


LOW CONSUMPTION DIGITAL ELECTRIC UNVENTED WATER HEATER

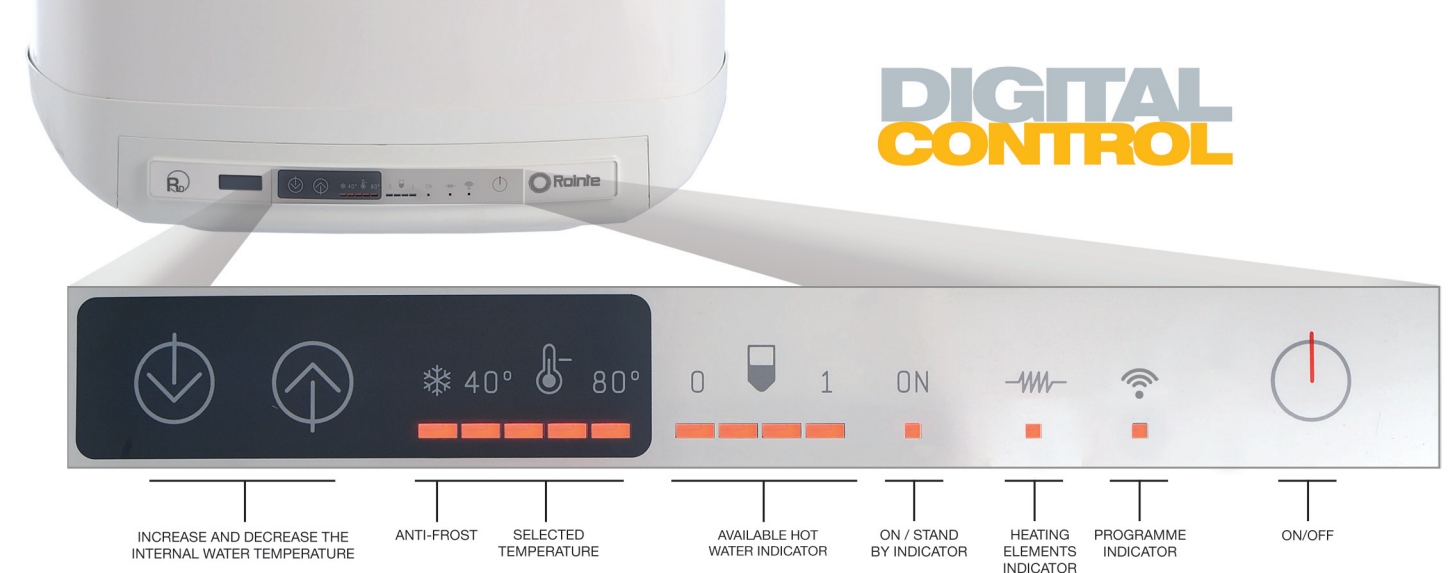
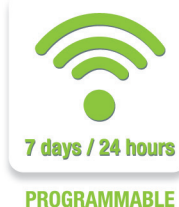
Series
R_D

5 years
Guarantee
Electric and
electronic components



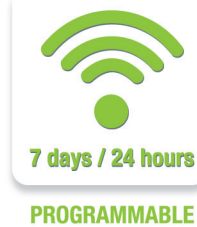
Rointe had tested independently over 24 hours its 75 litres 2.000W RD Series water heater over 24 hours, with the temperature set to 80°C and with a water usage profile of 120 litres/day.

Thanks to its **Optimizer Energy Plus**, the results obtained were a 20% equivalent ratio of consumption compared with its nominal power.



Rointe RD Series has a touch panel, allowing the user to control the device in an easy and intuitive way.

From the panel you can select the temperature of the water and, at first sight, know: the currently selected temperature (from anti-frost to 80°C), the hot water availability, the working mode (on or stand-by), if the heating element is working and if the water heater is programmed (through the M Series remote control).



Programmable Power

Now all the Rointe range of products is programmable through the M Series infrared remote control. This bi-directional device will allow you to programme 7 days a week, 24 hours a day, the functionality of your water heater, selecting its working mode and the water temperature depending on your own needs. Thanks to this feature you will increase your comfort and optimize to the maximum the energy consumption. Programme and save time, water and energy.



Total Safety

Legionnaires' disease is a potentially fatal form of pneumonia which can affect anybody, but which principally affects those who are susceptible because of age, illness, immunosuppression, smoking, etc. Our RD Series is designed with safety in mind, and all the anti legionnaires' disease regulations are complied with.

ACCESSORIES



INSTALLATION KIT

Available for all models, it includes all the accessories necessary. There are three different kits, depending on the size of the model to install.

Reference	KITRD01	KITRD02	KITRD03
For sizes (litres)	RD1050, RD1075	RD1100, RD1150	RD1200



SUPPORT TRIPOD

Available for all models, it is very recommended to improve stability due to the high weight of the water heaters when full.

Reference:	TPRD001
Colour:	White

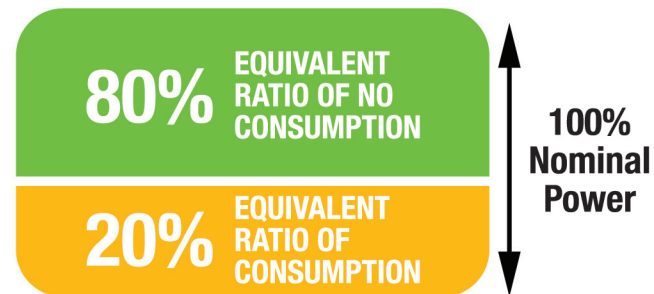
HOW DOES IT WORK?

SANITARY HOT WATER FOR A COMFORTABLE HOME

THE COMFORT OF SANITARY HOT WATER

Keeping the water within the heater at a set temperature depends on many factors such as location, materials, insulation and controllability.

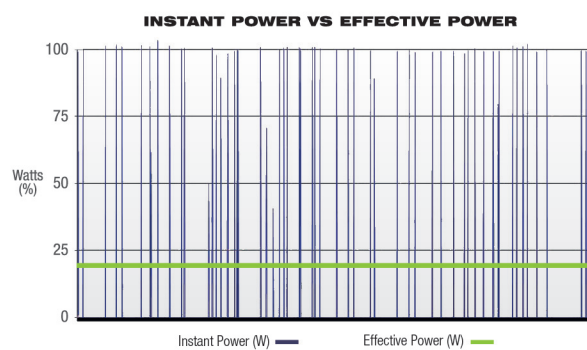
The Rointe water heaters have installed the exclusive technology Optimizer Energy Plus that ensures a stable interior water temperature in the periods between water usage.



EFFECTIVE POWER

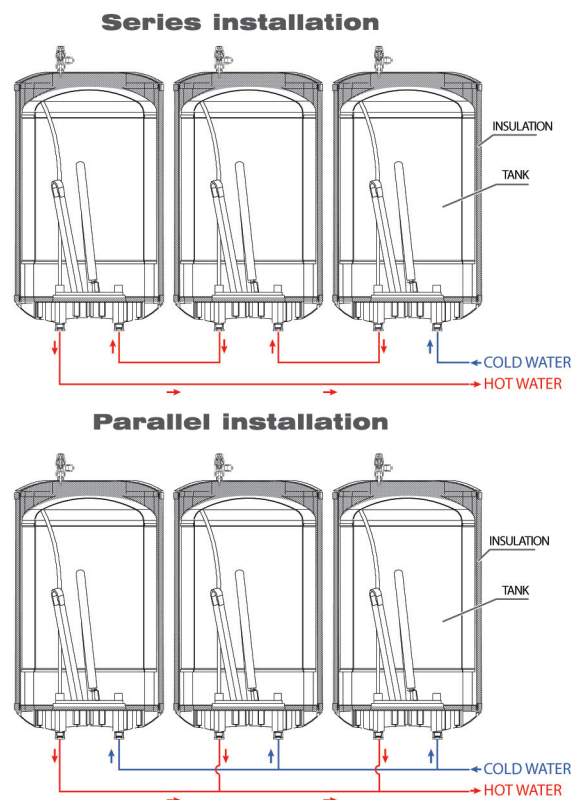
The independent tests made which simulated normal working conditions drawing 120 litres over the day, resulted in a consumption of only 20% of the nominal power. That is what we define as the equivalent ratio of consumption.

If we multiply the nominal power by the equivalent ratio of consumption the result is the effective power.

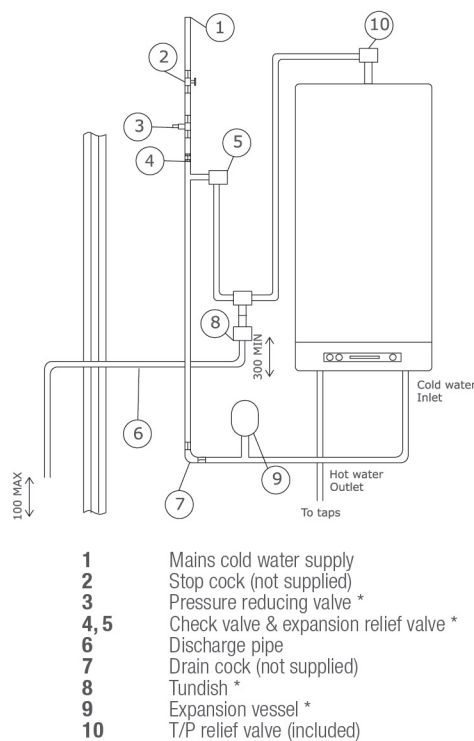


INSTALLATION DIAGRAMS

Where there is an increased hot water requirement, it is possible to install the Rointe water heaters in parallel, or in series. When we have an installation in parallel, we have the advantage of a greater hot water capacity, while with an installation of heaters in series we have the advantage of a reduced use of the heating elements within each heater.

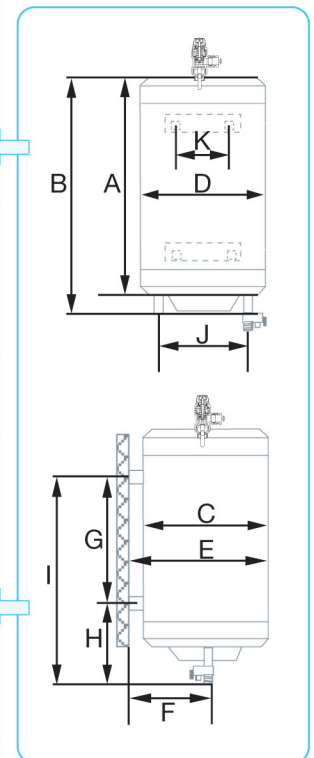


Connection arrangement



RD SERIES CHARACTERISTICS

MODELS	RDE050	RDE075	RDE100	RDE150	RDE200
Volume (L)	50	75	100	150	200
INSTALLATION					
Placement	Vertical	Vertical	Vertical	Vertical	Vertical
Water intake (inches)	1/2"	1/2"	1/2"	3/4"	3/4"
Recommended sizing depending on the range of users	1 - 2	2 - 4	2 - 5	3 - 6	3 - 6
Installation kit (optional)	KITRD01	KITRD01	KITRD02	KITRD02	KITRD03
Support tripod (optional)	✓	✓	✓	✓	✓
DIMENSIONS					
A (mm) - Height	640	860	1.100	900	1.070
B (mm) - Height plus intakes	680	925	1.170	960	1.120
C (mm) - Front width	404	404	404	580	580
D (mm) - Side width	404	404	404	580	580
E (mm) - Installed depth	420	420	420	620	620
F (mm) - Depth intake-wall	120	120	120	178	178
G (mm) - Wall support holes distance	340	573	768	480	740
H (mm) - Lower wall holes to intake	130	142	192	250	250
I (mm) - Higher wall holes to intake	470	715	960	800	1.040
J (mm) - Intakes distance	160	160	160	235	235
K (mm) - Horizontal width between holes	350	350	350	350	350
MECHANICAL CHARACTERISTICS					
Working pressure (bar)	9	9	9	9	9
Enamelled steel tank	✓	✓	✓	✓	✓
Magnesium protective anode	✓	✓	✓	✓	✓
Polyurethane insulation CFC free	✓	✓	✓	✓	✓
Weight (kg)	18	25	32	44	56
Protection grade	IP 44	IP 44	IP 44	IP 44	IP 44
ELECTRICAL CHARACTERISTICS					
No. of heating elements x Power (W)	2 x 800	2 x 1.000	2 x 1.000	2 x 1.000	2 x 1.200
Nominal power (W)	1.600	2.000	2.000	2.000	2.400
Effective power (W)*	320	400	400	400	480
Voltage (V)	230 V ~	230 V ~	230 V ~	230 V ~	230 V ~
Current (A)	7,0	8,7	8,7	8,7	10,4
Safety thermostat	✓	✓	✓	✓	✓
FUNCTIONS					
Digital touch display	✓	✓	✓	✓	✓
Selectable temperature: 40-80° C	✓	✓	✓	✓	✓
Anti-frost	✓	✓	✓	✓	✓
Programmable 7 days / 24 hours (with M Series remote -optional, not included-)	✓	✓	✓	✓	✓
Legionnaire's disease free	✓	✓	✓	✓	✓
Water capacity indicator	✓	✓	✓	✓	✓
SAFETY AND PERFORMANCE					
Optimizer Energy Plus™	✓	✓	✓	✓	✓
Cold water entry diffuser	✓	✓	✓	✓	✓
T/P relief valve	✓	✓	✓	✓	✓
Thermal loss (kWh/24)	1,1	1,2	1,4	1,9	2,3
CERTIFICATIONS					
2004/108/CE Electromagnetic Compatibility	✓	✓	✓	✓	✓
2006/95/CE Electrical Safety	✓	✓	✓	✓	✓



RECOMMENDED SIZING ACCORDING TO NO. OF PEOPLE

NO. OF PEOPLE	SIZE RECOMMENDED
1-2	50 L
2-4	75 L
2-5	100 L
3-6	150 / 200 L

* Illustrative diagrams, only for guidance; for a correct installation please refer to Ireland regulations.

* Effective power is the real power needed under predetermined parameters for obtaining the hot water for a 4 people family with a draw off profile of 120 litres/day and the water heater temperature set to 80°C, according to tests developed by independent laboratories.