



UNVENTED WATER CYLINDERS

Providing powerful, mains-pressure performance, the Gabarron unvented water cylinder range incorporates high flow rate controls, ideal for multi bathroom homes where baths fill very quickly.

There are Indirect and Direct patterns for gas/oil and electricity with model sizes from 90 litres to 300 litres in each pattern.

DUPLEX STAINLESS STEEL

The Gabarron water cylinder uses the very latest high specification Duplex to resist all forms of corrosion including crevice and stress whilst its high mechanical strength gives it durability.

The very latest automated welding procedures along with full post weld treatments guarantee welds that are as strong as the parent metal.

Gabarron water cylinders are pressure tested in the factory to a full 12 bar which is four times the normal working pressure.

CORRUGATED COIL

Elnur use a high heat transfer corrugated tube heat exchanger to give a 20% faster recovery than plain tube. It is also lighter and stronger than plain tube making the vessel the lightest and easiest to handle on site.

ELNUR - THE CYLINDER SPECIALIST

The Elnur name is synonymous with a family of space and water heating products that lead the field in terms of innovation and quality. We are respected for our industry leading features and benefits and our high levels of reliability and service.

The Gabarron unvented cylinder is an unvented mains pressure store in Duplex stainless steel that establishes new criteria for quality, performance and life.



HEAT LOSS

All Gabarron unvented cylinders are manufactured using the very latest HCFC free EnviroFoam insulation. This has an Ozone Depletion Potential (ODP) of zero and an industry leading Global Warming Potential (GWP) of 0.7.

Tests show that the 50mm of EnviroFoam insulation injected into the case and covering both domes achieves astonishingly low levels of heat loss, which ensures it is fully compliant with 2010 Part L requirements for both new build and replacement cylinders.

25 YEAR GUARANTEE

The 25 year guarantee underlines the usual Elnur confidence in its own products.

SERVICE

Buying a good reputable product is critical – but it must be available when needed. Elnur hold all stock at our main UK warehouse and with our finely tuned distribution service, operate a next day delivery service to merchants for orders placed before 12pm.

QUALITY STANDARD - EN 12897

All Gabarron cylinders are manufactured in accordance with BS EN12897 the specification for unvented water storage vessels.

The cylinders have been tested by NSF-WRc and WRAS, and found to comply with Building Regulations G3 and Water Regulations.

The cylinder manufacturing plant also operates a quality management system audited and accepted by the BSI in accordance with BS EN ISO9001:2008.

Gabarron unvented cylinders are supplied with all the quality fittings needed, according to model, including:

- ▶ Immersion heater(s).
- ▶ Wiring centre (indirect).
- ▶ Inlet control set.
- ▶ Benchmark log book.
- ▶ Expansion vessel kit including flexible connection hose.
- ▶ Temperature and pressure relief valve (unvented only).
- ▶ Control thermostat and drain valve.
- ▶ 90 degree elbow on hot draw off.
- ▶ 2 port zone valve (indirect).
- ▶ Dual thermostat (indirect).
- ▶ Tundish.
- ▶ Installation manual.



DIRECT AND INDIRECT

Unvented cylinders for use with a conventional boiler or electric power

The Gabarrón direct model is supplied with two immersions for off-peak and on-peak use (except 90 litre model which only has an on-peak immersion). Therefore, the store of water in the cylinder can be heated utilising the off-peak electricity, making the unit extremely efficient. These cylinders are ultimately lightweight, easy to install answer for electric hot water options.

The immersion heater(s) must be connected to the supply through a double pole linked isolating switch with a minimum breaking capacity of 13A.

All tapings are within a 90° segment to make installation easier.

All models have a temperature and pressure relief valve factory set at 6 bar and 92-95°C.

The indirect range has a high efficiency corrugated tube coil which is connected to a conventional boiler to heat the cylinder of water.

The coils corrugated design gives you much faster re-heat times than can be achieved with plain tube coils. All indirect models come with an on-peak immersion but only the 250 & 300 litre models are supplied with an off-peak immersion.



Indirect



Direct



DIRECT UNVENTED CYLINDERS SPECIFICATIONS

Gabarron Direct Technical Specification								
Description		D90	D120	D150	D180	D210	D250	D300
Height	mm	745	930	1120	1305	1495	1745	1992
Diameter	mm	550	550	550	550	550	550	550
Weight (empty)	kg	13	18	22	24	28	32	37
Weight (full)	kg	103	138	172	204	238	282	337
Capacity	litres	90	120	150	180	210	250	300
Pressure regulator	bar	3	3	3	3	3	3	3
Expansion vessel size	litres	12	12	18	18	24	24	35
kW rating of primary coil	kW	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Recovery time after 70% draw off	min	58	90	121	157	192	224	263
Standing losses	kWhr/24hr	0.85	1.06	1.27	1.48	1.70	1.85	2.04

Gabarron Direct Model Selection Guide		
Maximum hot water demand	Maximum number of bed spaces (bedrooms)	Model
1 shower room	Bedsit (0)	D120
1 bathroom	2 (2)	D150
1 bathroom	4 (3)	D180
1 bathroom & separate shower room	6 (4)	D210
1 bathroom & 2 separate shower rooms or 2 bathrooms	7 (5)	D210
2 bathrooms & separate shower room	7 (5)	D250
2 bathrooms & 2 separate shower rooms	7 (5)	D300

INDIRECT UNVENTED CYLINDERS SPECIFICATIONS

Gabarron Indirect Technical Specification								
Description		IND90	IND120	IND150	IND180	IND210	IND250	IND300
Height	mm	745	930	1120	1305	1495	1745	1992
Diameter	mm	550	550	550	550	550	550	550
Weight (empty)	kg	19	22	26	28	33	38	44
Weight (full)	kg	109	142	176	208	243	288	344
Capacity	litres	90	120	150	180	210	250	300
Pressure regulator	bar	3	3	3	3	3	3	3
Expansion vessel size	litres	12	12	18	18	24	24	35
kW rating of primary coil	kW	16.5	18.0	18.5	19.0	20.5	21.5	25.0
Recovery time after 70% draw off	min	16	19	19	21	26	30	32
Standing losses	kWhr/24hr	0.85	1.06	1.27	1.48	1.70	1.85	2.04

Gabarron Indirect Model Selection Guide		
Maximum hot water demand	Maximum number of bed spaces (bedrooms)	Model
1 shower room	Bedsit (0)	IND90
1 bathroom	2 (2)	IND120
1 bathroom	4 (3)	IND120
1 bathroom & separate shower room	6 (4)	IND150
1 bathroom & 2 separate shower rooms or 2 bathrooms	7 (5)	IND180
2 bathrooms & separate shower room	7 (5)	IND210
2 bathrooms & 2 separate shower rooms	7 (5)	IND250
3 bathrooms & 2 separate shower rooms	9 (6)	IND300