

# ATAG

## Quantum

High recovery  
Direct, Indirect  
and Twin Coil  
domestic hot  
water cylinders

Experience  
the comfort

www.atagheating.co.uk



ATAG Heating UK Limited  
Unit 3 Beaver Trade Park Quarry Lane Chichester West Sussex PO19 8NY  
Tel: 01243 815 770 Fax: 01243 839 596 Email: info@atagheating.co.uk www.atagheating.co.uk



# ATAG Quantum

## High quality, stainless steel Direct, Indirect and Twin Coil domestic hot water cylinders

*Manufactured using laser cutting and welding technology for total reliability.*

The ATAG Quantum is a high quality, stainless steel domestic hot water cylinder suitable for use on unvented or open vented hot water systems. The indirect heat exchange surfaces are designed to provide rapid heat up. The indirect unit incorporates a 3kW electric immersion heater as a back up or for summer use. When the unit is supplied for unvented applications, it comes complete with all the necessary safety equipment to comply with legislation governing the installation of such systems.

These high efficiency cylinders provide fast flow rates and quick recovery. WRAS approved, they incorporate ultra efficient thermally insulated foam to give a 100% rigid fill.

The ATAG twin coil cylinder range has a second coil that can be used with fuel sources such as solar, biomass (wood burning stoves) range cookers and heat pumps.

The temperature and pressure relief valve (when required) is factory fitted.

[www.atagheating.com](http://www.atagheating.com)

ATAG Heating UK Limited

Unit 3 Beaver Trade Park Quarry Lane Chichester West Sussex PO19 8NY

Tel: 01243 815 770 Fax: 01243 839 596 Email: [info@atagheating.co.uk](mailto:info@atagheating.co.uk) [www.atagheating.co.uk](http://www.atagheating.co.uk)



- Floor standing direct, indirect cylinders and twin coil models
- Fast flow rates, quick recovery
- High quality pressure tested stainless steel tank with 25 year guarantee
- WRAS Approved
- Ultra efficient thermally insulated foam injected to give 100% rigid fill
- Standard range capacities 150 to 300 ltr
- Specials up to 2000 ltr

## General Requirements

The ATAG Quantum domestic hot water cylinder must be installed by a competent person in accordance with section G3 of the current Building Regulations.

It is important that the installer reads and understands the installation instructions, unpacks and familiarises himself with the equipment before commencing with the installation. Failure to observe these installation instructions could invalidate the warranty.

The warranty requires that the water to be heated is of drinking quality and that if water treatment equipment is installed, it must function correctly.



co.uk

# Technical Specifications

	Direct/Indirect					Twin Coil			
	150	170	200	250	300	150	200	250	300
<b>Storage Capacity (litres)</b>									
Overall diameter (mm)	520	520	520	520	520	520	520	520	520
Including immersion (mm)	605	605	605	605	605	605	605	605	605
Overall height (mm)	1105	1255	1455	1755	2065	1105	1455	1755	2065
Overall height with expansion vessel (mm)	1433	1583	1816	2167	2477	1433	1816	2167	2477
Weight empty (kg) – nominal	39	43	48	56	64	39	48	56	64
Weight full (kg) – nominal	188	212	249	299	356	188	249	299	356
Primary flow/return connections (mm)	22	22	22	22	22	22	22	22	22
Dual fuel coil flow/return connections (mm)	-	-	-	-	-	22	22	22	22
Secondary return connection	-	-	Yes	Yes	Yes	-	Yes	Yes	Yes
Cold feed (mm)	22	22	22	22	28	22	22	22	22
Hot draw off connections (mm) (BSP)	22	22	22	22	28	22	1½"	1½"	1½"
Maximum water supply pressure (bar)	12	12	12	12	12	12	12	12	12
System operating pressure (bar)	3	3	3	3	3	3	3	3	3
Expansion vessel charge pressure (bar)	3	3	3	3	3	3	3	3	3
Expansion relief valve set pressure (bar)	6	6	6	6	6	6	6	6	6
Temp & pressure relief valve set pressure (bar)	7	7	7	7	7	7	7	7	7
Lift temperature (0°C)	90	90	90	90	90	90	90	90	90
Maximum primary working pressure (bar)	3	3	3	3	3	3	3	3	3
Maximum lower primary working pressure (bar)	3	3	3	3	3	3	3	3	3
3kW immersion heater standard	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>Performance</b>									
Hot water generation time from 15 to 65° for indirect cylinder (minutes)	37	36	33	35	40	37	-	35	-
Hot water generation time from 15 to 65° for direct cylinder (minutes)	86	98	108	144	202	86	-	144	-
Regeneration time for 70% of contents for indirect cylinders (minutes)	26	25	24	25	29	26	-	25	-
Regeneration time for 70% of contents for direct cylinders (minutes)	45	51	63	75	136	45	-	75	-

**ATAG**  
Heating

ATAG Heating UK Limited

Unit 3 Beaver Trade Park Quarry Lane Chichester West Sussex PO19 8NY

Tel: 01243 815 770 Fax: 01243 839 596 Email: [info@atagheating.co.uk](mailto:info@atagheating.co.uk) [www.atagheating.co.uk](http://www.atagheating.co.uk)