



## ATKL - DHW Keramtech lined thermal store Low size

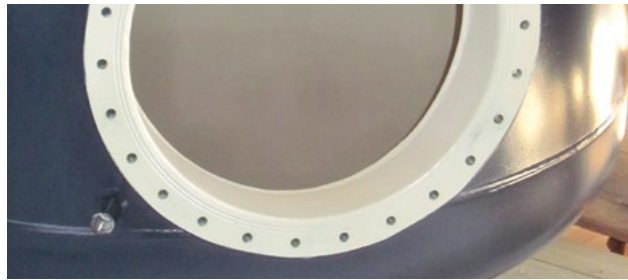
Buffer vessel for the storage of domestic hot water (DHW) produced by external sources (boilers, PHE). The cylinder is made of carbon steel and is internally protected with Keramtech ceramic lining. The inspection hatch can be

also used to equip the cylinder with an immersion heater. These buffer vessels can also be combined with our Indirect fresh water units (HWP I at page 236) in order to be used on medium/big size systems of DHW production with storage tanks.

APPLICATION



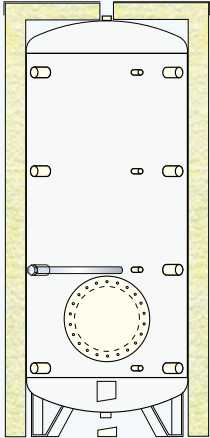
Version with reduced height to allow its shipment in upright position.



TECHNICAL FEATURES	DHW cylinder	Material	Keramtech lined S235 Jr Carbon steel
	General features	Internal protective treatment	Alimentary epoxy-ceramic lining
External protective treatment		Anti rust protection + epoxy painting	
Rating (P max. / T max.)		6 or 8 bar / 95°C	
Cathodic protection		Magnesium anode	
Capacity		2000 - 5000 L	
Warranty		5 years	
Insulation		Soft insulation with polyester + PVC: Fire retardant class B2 (DIN 4102)	
In compliance with	- Pressure Equipment Directive (PED) 2014/68/UE Art. 4 Para 3 - Italian MOH specifications (products suitable to contain potable water) - Energy related Products (Erp) Directive 2009/125/CE		

ACCESSORIES (page 218)

- Impressed current electronic anode
- Electronic control unit
- Thermostat
- Thermometer
- 1 1/2 electric immersion heater
- Electric immersion heater over flange

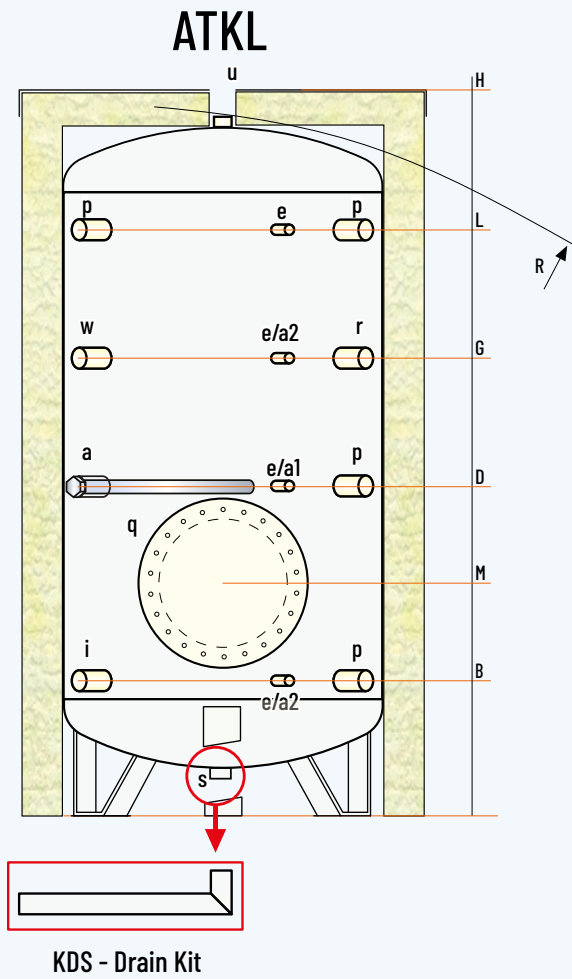


### ATKL - Soft insulation with polyester and PVC jacket

CODE	WORKING PRESSURE (bar)	INSULATION THICK. (mm)	ErP CLASS	HEAT LOSS S (W)	REAL CAPACITY (L)
ATKL 02006 F	6	130	C	192,3	2160,4
ATKL 02506 F	6	100	-	-	2558,7
ATKL 03006 F	6	100	-	-	2930,6
ATKL 04006 F	6	100	-	-	3944,3
ATKL 05006 F	6	100	-	-	4905,4

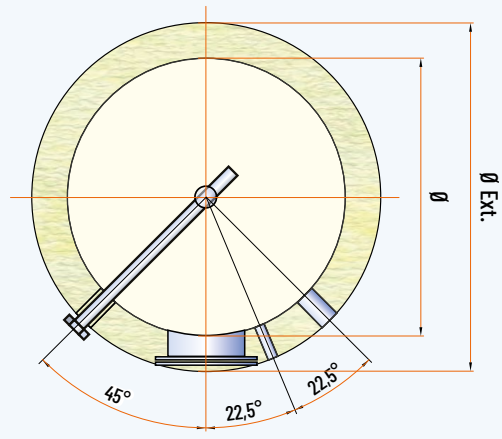
### ATKL - Soft insulation with polyester and PVC jacket

CODE	WORKING PRESSURE (bar)	INSULATION THICK. (mm)	ErP CLASS	HEAT LOSS S (W)	REAL CAPACITY (L)
ATKL 02008 F	8	130	C	192,3	2160,4
ATKL 02508 F	8	100	-	-	2558,7
ATKL 03008 F	8	100	-	-	2930,6
ATKL 04008 F	8	100	-	-	3944,3
ATKL 05008 F	8	100	-	-	4905,4



**LEGEND**

- a . Magnesium anode
- a1-a2. Opening for electronic anode
- e . Thermometer - Sensor
- i . Domestic cold water inlet
- p . Free connection
- q . DHW inspection hatch
- r . Recirculation
- s . Drain
- u . Domestic hot water outlet
- w . Opening for immersion heater



MODEL	DIMENSIONS (mm)				Electronic anode (optional)	WEIGHT	
	$\varnothing$	H	$\varnothing$ EXT *	R		6 bar VERS. (kg)	8 bar VERS. (kg)
ATKL 0200_ F	1200	2345	1460	2390	a2 (EPS 375/125)	262	311
ATKL 0250_ F	1300	2340	1500	2460	a2 (EPS 700/200)	317	384
ATKL 0300_ F	1400	2370	1600	2520	a2 (EPS 700/200)	389	416
ATKL 0400_ F	1600	2370	1800	2610	a2 (EPS 700/200)	457	583
ATKL 0500_ F	1800	2370	2000	2700	a2 (EPS 700/200)	564	645

\*The insulation is removable

MODEL	HEIGHTS (mm)					CONNECTIONS (GAS)					
	B	D	G	L	M	a p r	e	i u	s	w	q
ATKL 0200_ F	505	950	1410	1825	715	1"¼	½"	2"	1"¼	1"½	400/480
ATKL 0250_ F	510	955	1415	1830	700	1"¼	½"	2"	1"¼	1"½	400/480
ATKL 0300_ F	595	1005	1430	1825	780	1"¼	½"	3"	1"¼	1"½	400/480
ATKL 0400_ F	600	1005	1425	1800	785	1"¼	½"	3"	1"¼	1"½	400/480
ATKL 0500_ F	615	1010	1410	1770	800	1"¼	½"	3"	1"¼	1"½	400/480

*Disclaimer: this layout is purely indicative. It does not replace consultant's design*

**LEGEND**

- 1 . Domestic water expansion vessel
- 2 . Domestic water drain
- 3 . Domestic water safety valve (6 bar)
- 4 . Strainer
- 5 . Pressure reducing valve
- 6 . DWH Recirculation pump
- 7 . DWH 3-way valve

