

Labeling & Stamping

Bladder Accumulators
Electronic Catalog: HY10-1632-M2.3/US



ENGINEERING YOUR SUCCESS.



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If you have questions about the information contained in this Maintenance & Installation Guide, please contact:

Accumulator & Cooler Division - Americas
phone **815 636 4100**
parker.com/accumulator

The information specified in this guide serves to help understand how to install & maintain the product. The information given does not release the user from their own judgment and obligation of verification. The natural process of wear and aging also impacts how easily a product can be serviced.

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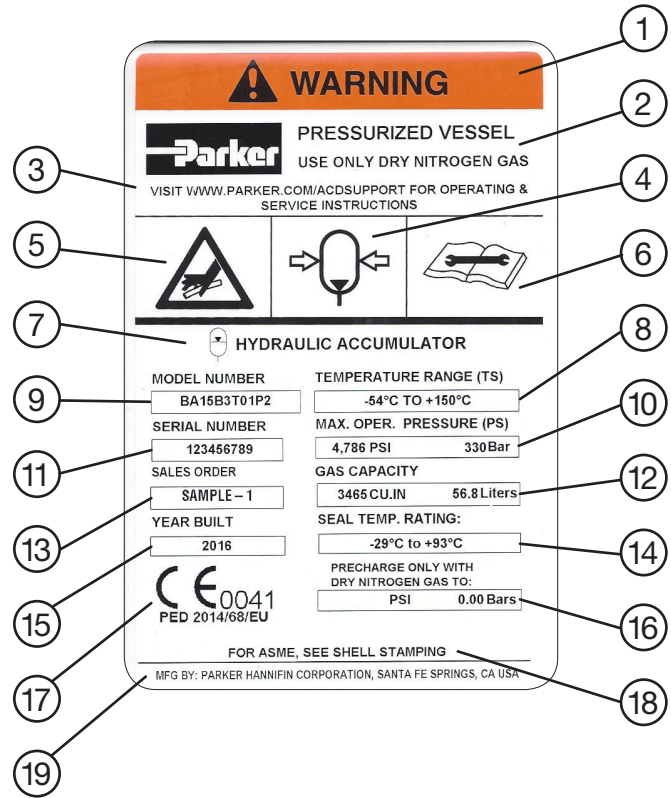
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**Main Product Label Detail
 (Safety & PED 2014/68/EU info)**

All BA Series Accumulators conform to ASME Boiler and Pressure Vessel Code Section VIII, Division 1 and the European Pressure Equipment Directive 2014/68/EU (formerly 97/23/EC). Many of the accumulators in the BA Series are also Australian and Canadian registered. Each of the design codes and standards require special information on the labels and stamps.

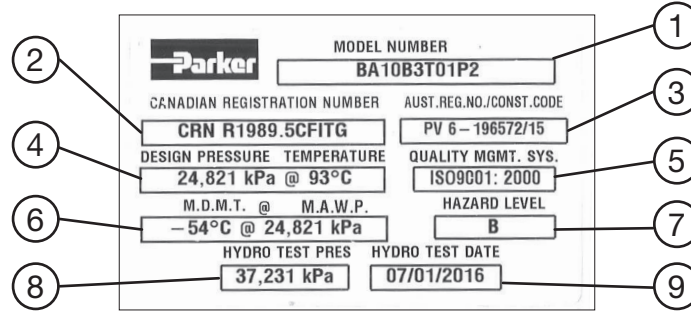


1	Warning Notice per ISO 3864-2
2	Nitrogen only warning.
3	Note to visit Parker Website for details.
4	Warning of Accumulator under pressure per ISO 7000 symbol #3317.
5	Warning noting the danger of pressurized fluid injection per ISO 9244.
6	Warning to read technical manual per ISO 7000 symbol #1659.
7	ISO 1219 schematic symbol for a bladder accumulator.
8	Temperature range external load bearing metal components will meet per PED 2014/68/EU (formerly 97/23/EC). The ASME range is stamped on the shell. They are different.
9	Parker's BA Series Model Number
10	The maximum operating pressure the accumulator will meet per PED 2014/68/EU (formerly 97/23/EC). The max. ASME operating pressure is stamped on the shell. They are different.

11	Serial number of the specific accumulator.
12	The internal gas capacity of the accumulator.
13	Parker's sales order number for the manufacturing lot. This helps customer service rapidly answer any questions pertaining to the specific accumulator.
14	Temperature range the internal seal components & bladder will continuously meet without rapid degradation.
15	The year the accumulator was manufactured.
16	The customer specified nitrogen pre-charge pressure. If no pre-charge is specified by the customer, this will be left blank. There will still be a holding charge of 29 PSig (2 bar) max inside the accumulator.
17	Parker's CE registration number per PED 2014/68/EU (formerly 97/23/EC). If the vessel pressure x volume (PS x V) ratio is less than 50, then the accumulator will be marked SEP for Sound Engineering Practice per Article 4.3. (Formerly Article 3.3 under 97/23/EC.)
18	Reminder that all ASME information is stamped on shell.
19	Parker's manufacturing address.



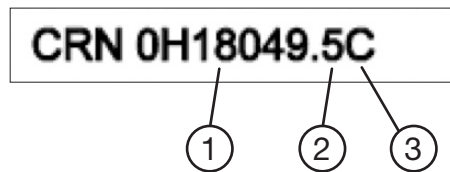
Canadian & Australian Label Detail



1	Parker's BA Series Model Number
2	Canadian Registration Number (CRN)
3	Australian Registration Number
4	Maximum Allowable Working Pressure (MAWP) based on ASME Section VIII, Division I, Appendix 22
5	Parker's Quality Management System as required by Australian AS1210

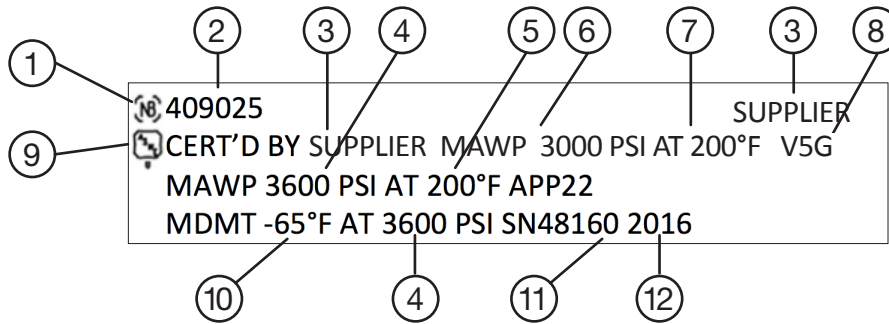
6	Minimum Design Metal Temperature (MDMT) based on ASME Section VIII, Division 1, Appendix 22
7	Hazard Levels A, B, C and D under Australian Standard AS4343
8	Pressure the accumulator was hydro tested to. (1.5 x MAWP)
9	Date accumulator was hydrotested

Canadian Stamping Detail



1	Base Canadian Registration Number (CRN)
2	The number of the province that the CRN was initially registered
3	The "C" indicates that the accumulator has been registered in all provinces

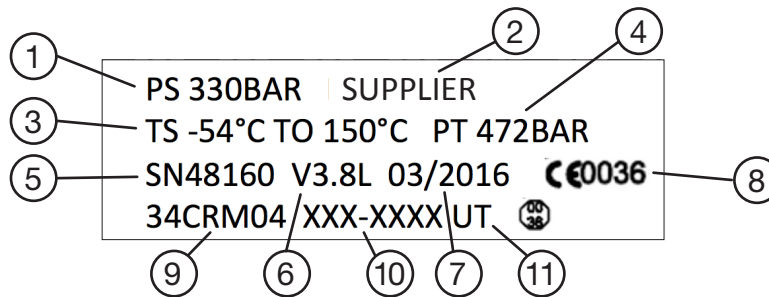
ASME Shell Stamping Detail



1	National Board of Boiler & Pressure Vessel Inspectors symbol
2	National Board registration number
3	Name of shell manufacturer
4	Maximum Allowable Working Pressure (MAWP) based on ASME Section VIII, Division I, Appendix 22
5	Rated temperature for the Appendix 22 MAWP
6	Maximum Allowable Working Pressure (MAWP) based on ASME Section VIII, Division I

7	Rated temperature for the ASME MAWP
8	Internal gas capacity or volume in gallons
9	Official ASME Division 1 U certification stamp
10	Minimum Design Metal Temperature (MDMT) based on ASME Section VIII, Division 1, Appendix 22
11	Shell manufacturer's serial number
12	Year of manufacture

CE Shell Stamping Detail



1	The maximum operating pressure (PS) the accumulator will meet per PED 2014/68/EU (formerly 97/23/EC)
2	Name of shell manufacturer
3	Temperature range (TS) external load bearing metal components will meet per PED 2014/68/EU (formerly 97/23/EC)
4	The test pressure (PT) the accumulator is tested at (1.43 X PS)
5	Serial number of the specific accumulator
6	Internal gas capacity or volume (V) in liters

7	Date accumulator was hydro tested
8	Parker's CE registration number per PED 2014/68/EU (formerly 97/23/EC)
9	Accumulator shell's material per EN 100083-3
10	Shell manufacturer's batch code number
11	Identification mark to show accumulator shell was ultrasonically tested (UT)



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