



3 March 2025

Subject: Application of ASME Coded Vessel Standards to Blacoh Fluid Control Products

Blacoh Fluid Control Products: ASME Compliance for Demanding Applications

Blacoh offers a robust portfolio of fluid control products designed and manufactured to meet the stringent requirements of ASME Section VIII Division 1 standards. Whether you require ASME exempt components for flexibility or certified products for assured compliance, Blacoh has the solutions to support your fluid control systems.

ASME Certified Models for Specified Applications

Blacoh provides select models with ASME Section VIII Division I certification when specified in the original equipment order. These include:

- XPB - 316 SS - 4000 psi - Sizes 8in₃, 12in₃, and 24in₃
- 15 gallon / 57 L vessel
- 25 gallon / 95 L vessel
- 37 gallon / 140 L vessel

Please note that ASME certification must be specified at the time of order and cannot be added post-purchase.

ASME Exempt Models for Compact Designs

Several Blacoh models leverage their compact dimensions to qualify for exemption from ASME Section VIII Division I standards per U-1(c)(2)(i).

ASME VIII

"U-1(c)(2) Based on the Committee's consideration, the following classes of vessels are not included in the scope of this Division...:

"U-1(c)(2)(i) vessels having an inside diameter, width, height, or cross section diagonal not exceeding 6 in. (152 mm), with no limitation on length of vessel or pressure;"

These include:

- SENTRY II
- SENTRY III
- Gauge Guard
- Hybrid Valve
- Backpressure Valve
- Pressure Relief Valve

These exempt models offer design flexibility for integrating ASME compliant components where required, while utilizing our compact solutions elsewhere in the system.

Blacoh: Your ASME Compliance Partner

Blacoh is committed to supporting your ASME compliance needs while delivering the performance and reliability required for demanding fluid control applications. Contact our technical team today to discuss how our ASME exempt and certified products can be integrated into your system design.

Please contact Blacoh Sales with any questions.

Jennifer Stevens

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