

PROFESSIONAL UNFIRED PRESSURE VESSEL MAKER

INTRODUCTION

Blowdown tanks are vertical vented receivers designed to handle the discharge of high-pressure, high-temperature water from boilers. these tanks serve several critical funtions in industrial settings



**CUSTOMIZED
SOLUTION**



**DOSH
APPROVED
DESIGN**

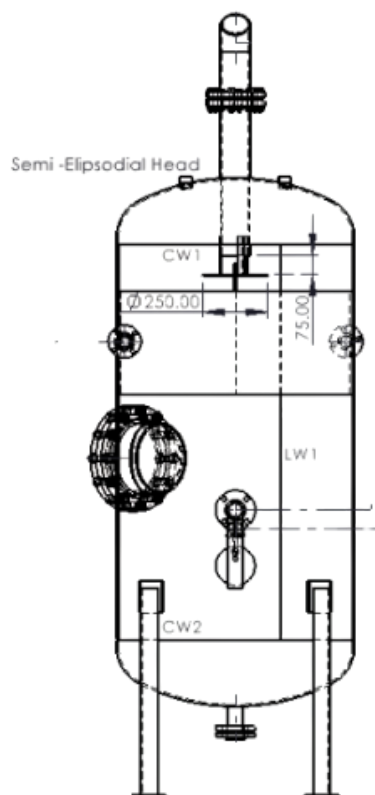
BLOW DOWN TANK

PURPOSE:

- Receive and cool down water discharged from boilers during the blowdown process.
- Vent flash steam from intermittent boiler blowdown.
- Allow the remaining condensate to cool before being discharged to the drain

MATERIAL:

- SA-516 GR70 (Carbon steel)
- SA-240 304 (Stainless Steel)
- SA-240 316 (Stainless Steel)



2D SKETCH



3D ILLUSTRATION

NOTE
OD - OUTSIDE DIAMETER (CUSTOMIZABLE)
SL - SHELL LENGTH (CUSTOMIZABLE)
OL - OVERALL LENGTH (CUSTOMIZABLE)

Please note that shell length and shell diameter are both customizable depending on the end user's site requirement.



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PROFESSIONAL UNFIRED PRESSURE VESSEL MAKER

SPECIFICATION

DESIGN CODE
TUBULAR
EXCHANGER
MANUFACTURERS
ASSOCIATION (TEMA)

DESIGN PRESSURE
ATM.

DESIGN TEMPERATURE
100°C / 373.15 K,
200°C / 473.15 K, or
customize.

CONTACT US NOW



+07-288 2287 (Admin)



admin@acolite.com.my/
enquiry@acolite.com.my



KAWASAN PERINDUSTRIAN
MAJU JAYA

BENEFITS:

- Managing the concentration of dissolved solid in boiler water.
- Preventing scaling and corrosion in steam systems
- Reducing the temperature and pressure of blowdown discharge to safe levels before it enters the sewer system.

Technical Data - vertical type

Model number		BD-300	BD-1000	BD-1500
Volume capacity	(L)	300	1000	1500
Connection size				
Inspection hole	(In)	8	12	14
Water inlet	(In)	1	1	1
Level gauge	(In)	1	1	1
Water outlet	(In)	1	1	1
Temp switch high	(In)	1/2	1/2	1/2
Temp switch low	(In)	1/2	1/2	1/2
Drain	(In)	1 1/2	1 1/2	1 1/2
Service water inlet	(In)	1/2	1	1 1/2
Vent	(In)	1 1/2	1 1/2	1 1/2
Spare	(In)	1	1	1
Temp. indicator(N11)	(In)	1/2	1/2	1/2
Vessel dimension				
Diameter	mm	610	900	1100
Height	mm	1550	2200	2200

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