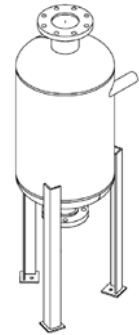


Job Name:		
Job No:	JWC Representative:	
Tag No.:	Submitted By:	Date:
Engineer:	Approved By:	Date:
Contractor:	Order No.:	Date:

JBCR Series

ASME Blowdown Condensate Cooler Tanks With Tangential Inlet Connection For Handling Hot Condensate



APPLICATION

- JBCR Series condensate cooler tanks are designed with tangential inlets to enhance the steam and condensate separation efficiency. The vortex action allows the hot condensate to move to the vessel wall area while forcing the flash steam to the center.
- Flash steam exits the vessel through the vent connection on top, and the hot condensate falls to the bottom, activating the thermal control valve.

DESIGN PRESSURE AND TEMPERATURE

- Maximum design pressure: 150 PSI (1034 kPa)
- 175, 200, 250, 300 PSI available upon request
- Maximum design temperature: 500°F (260°C)

TYPICAL DESIGN SPECIFICATION

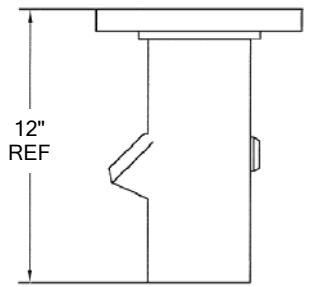
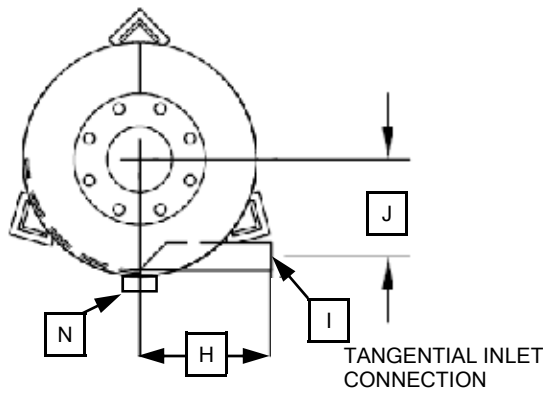
Furnish and install as shown on plans a John Wood Model No. JBCR-26-_____ ASME stamped vertical blowdown condensate cooler tank with tangential inlet connection and Stainless Steel wear plate. The unit shall have a _____" MNPT/flanged tangential inlet connection and _____" NPT/flanged vent connection. The unit must be designed and constructed in accordance with the ASME Boiler and Pressure Vessel Code Section VIII, Division 1 with a stamped MAWP of 150 PSI (1034 kPa).

SPECIFICATIONS

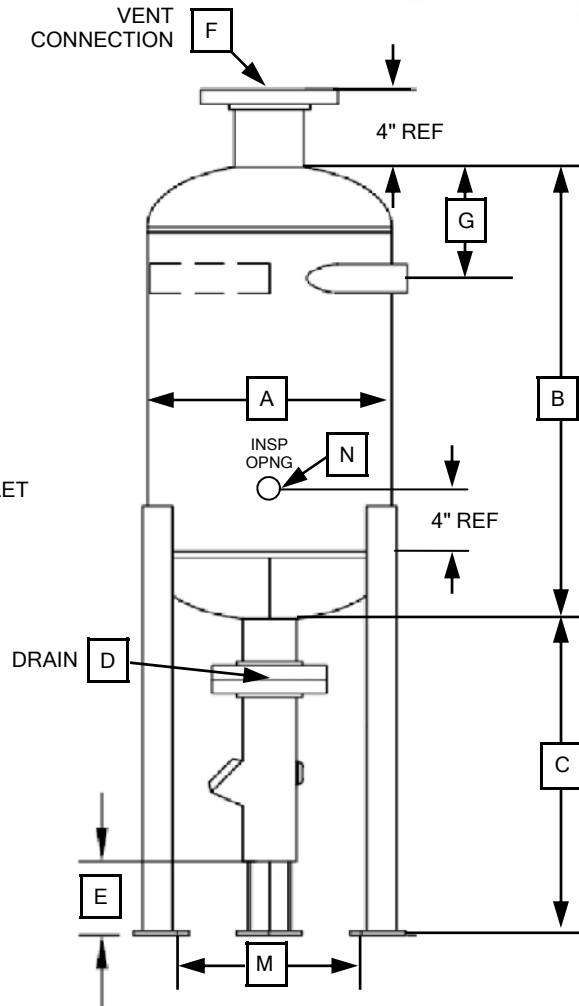
- Designed and built in accordance with the ASME BPV Code Section VIII, Division 1
- Installation: vertical
- Shell: Carbon Steel with exterior gray primer finish
- Wear plate: Stainless Steel, 1/8" thick
- Tangential inlet connection: MNPT or 150# RF ANSI flange
- Vent connection: NPT or 150# RF ANSI flange
- Drain connection: MNPT or straight pipe
- Optional factory installed bracket supports can be welded to the side wall.
- Angle legs can be supplied to match existing units
- After cooler available upon request



JBCR Series



OPTIONAL AFTER COOLER



INLET CONNECTION OPTIONS	VENT CONNECTION OPTIONS	DRAIN CONNECTION OPTIONS
<input type="checkbox"/> 1", 1¼", 1½", 2", 2½, or 3"	<input type="checkbox"/> 2", 2½, 3", 4", 5", 6", 8"	<input type="checkbox"/> 2", 2½, 3", 4", 5", 6", 8"
<input type="checkbox"/> NPT	<input type="checkbox"/> NPT	<input type="checkbox"/> NPT
<input type="checkbox"/> 150# RF ANSI Flange	<input type="checkbox"/> 150# RF ANSI Flange	<input type="checkbox"/> 150# RF ANSI Flange

MODEL NUMBER	MAWP	A DIA		B OVER-HEADS		C DIM	D DRAIN	E DIM	F VENT	G DIM	H DIM	I INLET	J DIM	K DIM SIZE	L DIM	M BOLT CIRCLE	N DIM	TANK WEIGHT
		IN	MM	IN	MM													
JBCR-26-001	150	12	305	19½	495	24	2½	6¼	2½	8	8	1	5⅝	½	9¼	12¼	1½	40
JBCR-26-003	150	14	356	27½	699	26	3	4⅞	2½	9	9	1½	5½	¾	9¼	14	1½	85
JBCR-26-004	150	14	356	39	991	26	3	4⅞	3	9	9	2	5¼	¾	9¼	14	1½	105
JBCR-26-005	150	16	406	38	965	28	4	4⅞	4	10	9	2	6¼	¾	9¼	16	1½	130
JBCR-26-006	150	16	406	46	1168	28	4	4⅞	6	10	9	2½	6	¾	9¼	16	1½	220
JBCR-26-008	150	24	610	48	1219	30	6	7¼	8	12	14	3	9⅝	1	9¼	24⅝	2	395

Dimensions are approximate and subject to change
 Dimensions should not be used for pre-piping
 Weights are approximate
 *Stock model

