



Orifice table

Symbol	Nominal size	Connection mode	Use
a	Ø51	Clamp	Drainage port
b	1.5in	Thread	Steam outlet
c	NPT20	Thread	Temperature thermowell
d	Ø38	Clamp	CIP inlet
e	Ø38	Clamp	Add water inlet
f	Ø38	Welding	Vent
g	530*430	Welding	Manhole door
h	Ø38	Clamp	Return hole
i	1.5in	Thread	Steam inlet
j	Ø51	Clamp	Hot water outlet
L	Ø32	Thread	Level gauge

**Production requirement**

1. Effective volume: 40BBL; Gross volume: 46BBL; sus304
2. Construction SUS 304L food grade stainless steel, all pipes are sus304
3. Tank will be tested and detected in the NDT room after finished, to ensure no leakage.
4. Steam jackets will do water pressure testing, testing pressure: 0.4Mpa.
5. All tanks will be pressure protection 48hours before leaving from factory.
6. TIG full welding by water to ensure uniform and long life, stainless steel 308L welding wire
8. All tanks are mirror polishing inside, all ports are recessed type.

40BBL Hot water tank			
Design		Stage remark	Weight scale
Check			
Audit			
Approve		Total page	