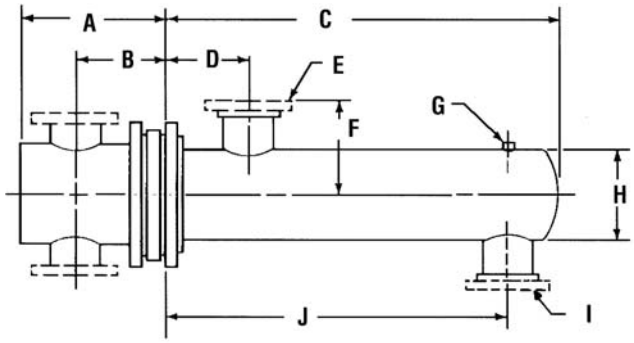
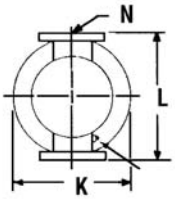
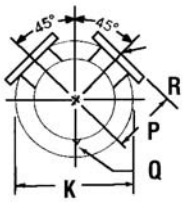
Shell & Tube Heat Exchanger

16” Diameter Steam to Liquid





2 Pass



4 Pass

Model	A 2 Pass	A 4 Pass	B 2 Pass	B 4 Pass	C	D	E	F	G	H	I	J	K	L	M	N	P	Q	R
WS1636(*)	19 5/8	17 3/8	13 5/8	12 1/8	37	11	6 F	13	3/4	16	1 1/2 T	28 1/2	23 1/2	28 1/2	3/4	6 F	14 1/4	3/4	4 F
WS1648(*)					49		6 F				2 T	40							
WS1660(*)					61		8 F				2 1/2 T	52							
WS1672(*)					73		8 F				2 1/2	64							
WS1684(*)					85		10 F				2 1/2	76							
WS1696(*)					97		10 F				3 T	87 1/2							
WS16108(*)					109		10 F				3 T	99 1/2							
WS16120(*)					121		10 F				3 T	111 1/2							

Materials of Construction

Description	Standard	Optional
Head	4” - 10” Cast Iron 12” 20” Fabricated Steel	Bronze
Shell	Steel	—
Tubesheet	Steel	Bronze
Tubes	3/4” x 20” BGW Copper	90/10 CUNI
Baffles	Steel	Brass
Tie Rods and Spacers	Steel	Brass
Nuts and Bolts	Steel	—

Maximum Operating Conditions

Tubeside	150 PSI
Shellside Working Pressure	150 PSI
Hydrostatic Test Pressure - Tubeside	300 PSI
Hydrostatic Test Pressure - Shellside	300 PSI
Maximum Temperature	375°F

Built in accordance with ASME Code Section VIII, Division I.

(*) Indicates number of passes.

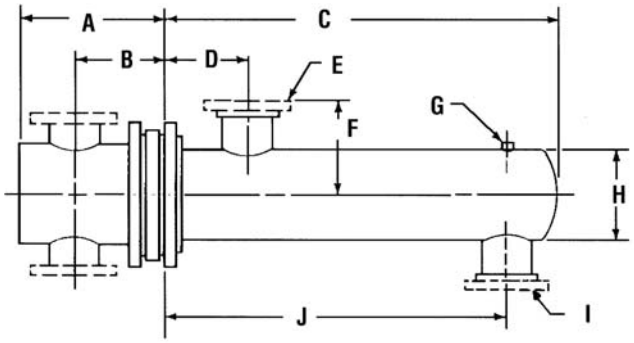
JOB NAME _____
LOCATION _____
_____
_____
CONTRACTOR _____
CONTRACTOR P.O. NO. _____

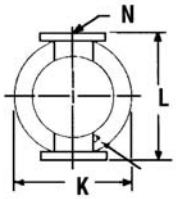
ITEMS	QUANTITY

5454 South 103rd East Avenue
Tulsa, OK 74146
Toll Free: 866-204-5229
PH: 918-592-5058
FAX: 918-622-4288
www.american-hvac.com
e-mail: globalflow@sbcglobal.net

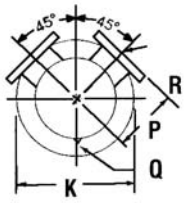
Shell & Tube Heat Exchanger

18” Diameter Steam to Liquid





2 Pass



4 Pass

Model	A 2 Pass	A 4 Pass	B 2 Pass	B 4 Pass	C	D	E	F	G	H	I	J	K	L	M	N	P	Q	R
WS1836(*)	20 1/4	18	14	12 3/4	36 1/2	13	6 F	14	3/4	18	2 T	27 1/2	25	30	3/4	6 F	15	3/4	4 F
WS1848(*)					48 1/2		8 F				2 T	39 1/2							
WS1860(*)					60 1/2		8 F				2 1/2 T	51							
WS1872(*)					72 1/2		10 F				3 T	62 1/2							
WS1884(*)					84 1/2		10 F				3 T	74 1/2							
WS1896(*)					96 1/2		10 F				3 T	86 1/2							
WS18108(*)					108 1/2		12 F				3 T	98 1/2							
WS18120(*)					120 1/2		12 F				4 F	110 1/2							

Materials of Construction

Description	Standard	Optional
Head	4” - 10” Cast Iron 12” 20” Fabricated Steel	Bronze
Shell	Steel	—
Tubesheet	Steel	Bronze
Tubes	31/44” x 20” BGW Copper	90/10 CUNI
Baffles	Steel	Brass
Tie Rods and Spacers	Steel	Brass
Nuts and Bolts	Steel	—

Maximum Operating Conditions

Tubeside	150 PSI
Shellside Working Pressure	150 PSI
Hydrostatic Test Pressure - Tubeside	300 PSI
Hydrostatic Test Pressure - Shellside	300 PSI
Maximum Temperature	375ÞF

Built in accordance with ASME Code Section VIII, Division I.

(*) Indicates number of passes.

JOB NAME _____
LOCATION _____
_____
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