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J-Series
(standard coil)
 - Insulated -
HOT WATER TANKS

J-Series XL
(extra long coil)
 - Insulated -
HOT WATER TANKS

General Data

Specifications	J 40	J 60	J 80	J 120
Tank Capacity	40	60	80	119
Heating Surface	7.85	7.85	9.82	9.82
Coil Length	30	30	30	30
Shipping Weight	120	160	250	310

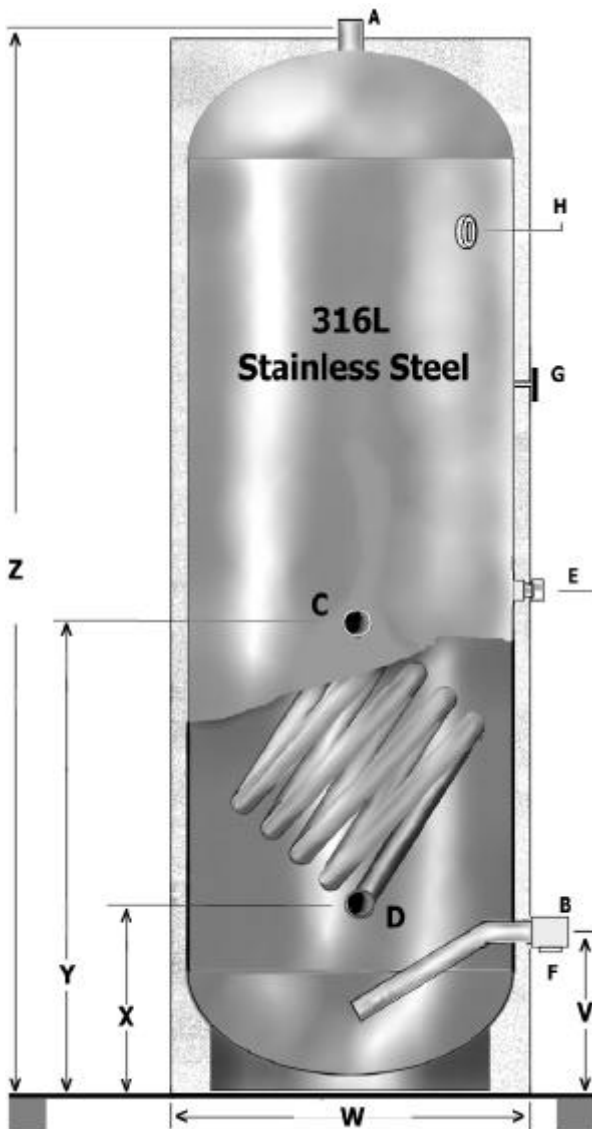
Specifications	J 40 / XL	J 60 / XL	J 80 / XL	J 120 / XL	
Tank Capacity	40	60	80	119	US GAL.
Heating Surface	10.07	10.07	13.09	13.09	SQ.FT.
Coil Length	40	40	40	40	FT.
Shipping Weight	125	165	255	320	LBS.

DIMENSIONS - J-SERIES & XL

CONNECTIONS	Type	J 40 / XL	J 60 / XL	J 80 / XL	J 120 / XL
A - Hot water outlet	nipple	3/4 "	3/4 "	1 "	1 1/2 "
B - Cold water inlet	coupler	3/4 "	3/4 "	1 "	1 1/4 "
C - Supply from boiler	nipple	1 "	1 "	1 1/4 "	1 1/4 "
D - Return to boiler	nipple	1 "	1 "	1 1/4 "	1 1/4 "
E - Aquastat	coupler	1/2 "	1/2 "	1/2 "	1/2 "
F - Drain	coupler	3/4 "	3/4 "	3/4 "	n/a
G - Temperature gauge	surface mount				
H - Pressure relief	coupler	3/4 "	3/4 "	3/4 "	3/4 "

Overall	J 40 / XL	J 60 / XL	J 80 / XL	J 120 / XL
V	8 1/4 "	8 1/4 "	9 1/2 "	9 1/2 "
W	21 1/4 "	21 1/4 "	23 "	27 "
X	8 1/4 "	8 1/4 "	9 1/2 "	9 1/2 "
Y	24 3/4 "	24 3/4 "	29 1/2 "	32 "
Z	42 1/2 "	62 1/2 "	66 1/2 "	70 1/2 "

* Note: J120 is not equipped with a tee and drain valve



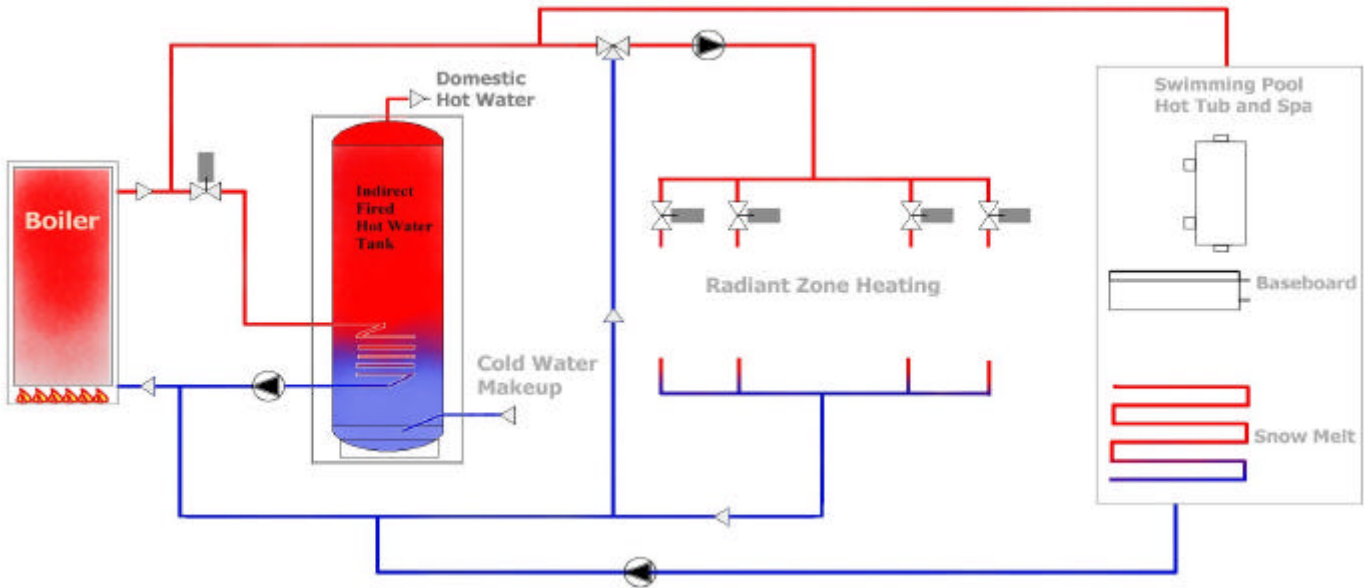
Passivated treatment for maximum corrosion resistance

THE J-SERIES TANK FEATURES

- Complete package with aquastat, temperature gauge, temp-pressure relief valve and tee drain valve
- 100% high quality 316L stainless steel construction
- High capacity storage for commercial and industrial applications
- Designed for quick and simple installation
- Powder coated steel jacket for high quality finish and durability
- Non-toxic fibreglass insulation
- Customized tanks available upon request

J-SERIES indirectly fired hot water tanks

for **HIGH PERFORMANCE** hydronic applications



Performance

J-SERIES (STANDARD COIL)

Based on 120°F tank water temp. with 70°F temp. rise

Boiler Supply Temp	180°F	J40	J60	J80	J120
Boiler Output	Btu/hr	120,000	120,000	150,000	150,000
1st Hour Delivery	USGPH	200	220	280	320
2nd Hour Delivery	USGPH	160	160	200	200
Pressure drop coil	ft water	5	5	3	3
GPM for pressure drop	GPM	12	12	15	15

Based on 140°F tank water temp. with 90°F temp. rise

Boiler Supply Temp	200°F	J40	J60	J80	J120
Boiler Output	Btu/hr	156,000	156,000	195,000	195,000
1st Hour Delivery	USGPH	248	268	335	380
2nd Hour Delivery	USGPH	208	208	260	260
Pressure drop coil	ft water	5	5	6	6
GPM for pressure drop	GPM	16	16	20	20

MAXIMUM OPERATING PRESSURE

**SHELL 150 PSI
COIL 150 PSI**

J-SERIES XL (EXTRA LONG COIL)

Based on 120°F tank water temp. with 70°F temp. rise

Boiler Supply Temp	180°F	J40 XL	J60 XL	J80 XL	J120 XL
Boiler Output	Btu/hr	160,000	160,000	199,000	199,000
1st Hour Delivery	USGPH	240	260	346	386
2nd Hour Delivery	USGPH	200	200	266	266
Pressure drop coil	ft water	6	6	6	6
GPM for pressure drop	GPM	16	16	20	20

Based on 140°F tank water temp. with 90°F temp. rise

Boiler Supply Temp	200°F	J40 XL	J60 XL	J80 XL	J120 XL
Boiler Output	Btu/hr	199,000	199,000	260,000	260,000
1st Hour Delivery	USGPH	300	320	426	466
2nd Hour Delivery	USGPH	260	260	346	346
Pressure drop coil	ft water	7	7	9	9
GPM for pressure drop	GPM	20	20	26	26

LIMITED WARRANTY
15 YEARS
RESIDENTIAL
5 YEARS
COMMERCIAL

* NOTE: Data provided for general indication only.