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J-DW
(Double Wall for leak detection)
 - Insulated -
HOT WATER TANKS

J-DW/XL
(Double Wall for leak detection/Extra long coil)
 - Insulated -
HOT WATER TANKS

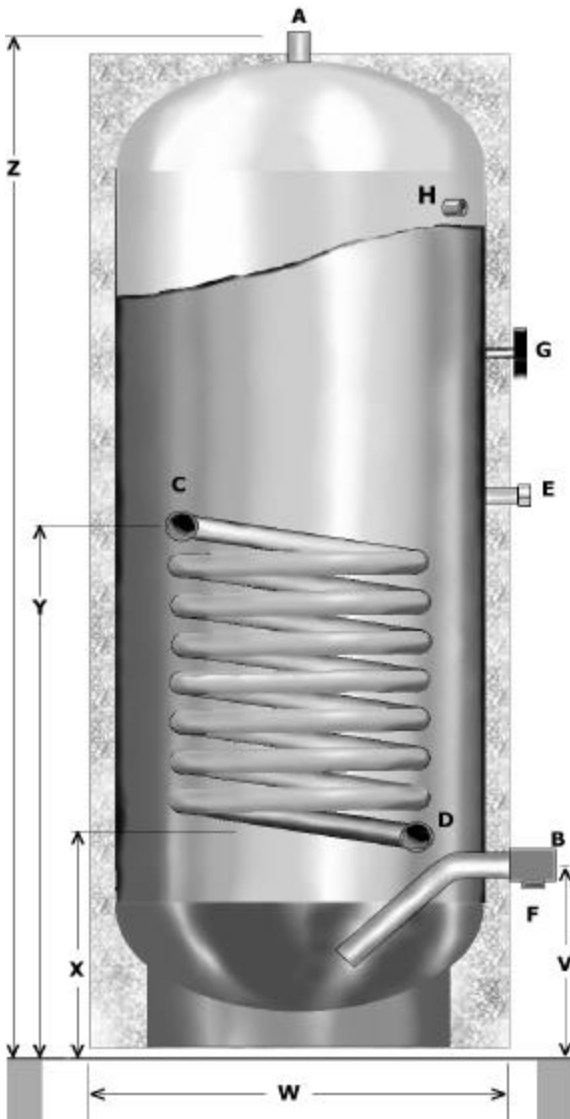
General Data

Specifications	J 40 DW	J 60 DW	J 80 DW	J 120 DW
Tank Capacity	40	60	80	119
Heating Surface	10.8	10.8	10.8	10.8
Coil Length	30	30	30	30
Shipping Weight	201	255	275	350

Specifications	J 40 DW/XL	J 60 DW/XL	J 80 DW/XL	J 120 DW/XL	
Tank Capacity	40	60	80	119	US GAL.
Heating Surface	14.4	14.4	14.4	14.4	SQ.FT.
Coil Length	40	40	40	40	FT.
Shipping Weight	212	265	285	360	LBS.

DIMENSIONS - J-SERIES DW/DWXL

CONNECTIONS	Type	J 40 DW DWXL	J 60 DW DWXL	J 80 DW DWXL	J 120 DW DWXL
A - Hot water outlet	nipple	3/4"	3/4"	1"	1 1/4"
B - Cold water inlet	coupler	3/4"	3/4"	1"	1 1/4"
C - Supply from boiler	nipple	1 1/4"	1 1/4"	1 1/4"	1 1/4"
D - Return to boiler	nipple	1 1/4"	1 1/4"	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"	-
G - Temperature gauge	surface mount				
H - Pressure relief	coupler	3/4"	3/4"	3/4"	1"



Overall	J 40 DW DWXL	J 60 DW DWXL	J 80 DW DWXL	J 120 DW DWXL
V	8 1/4"	8 1/4"	9 1/2"	9 1/2"
W	21 1/4"	21 1/4"	23"	27"
X	8 1/2"	9 1/2"	10 3/4"	10 1/4"
Y	26 3/4"	33 1/4"	33 3/4"	33 1/4"
Z	42 1/2"	62 1/2"	66 1/2"	70 1/2"

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

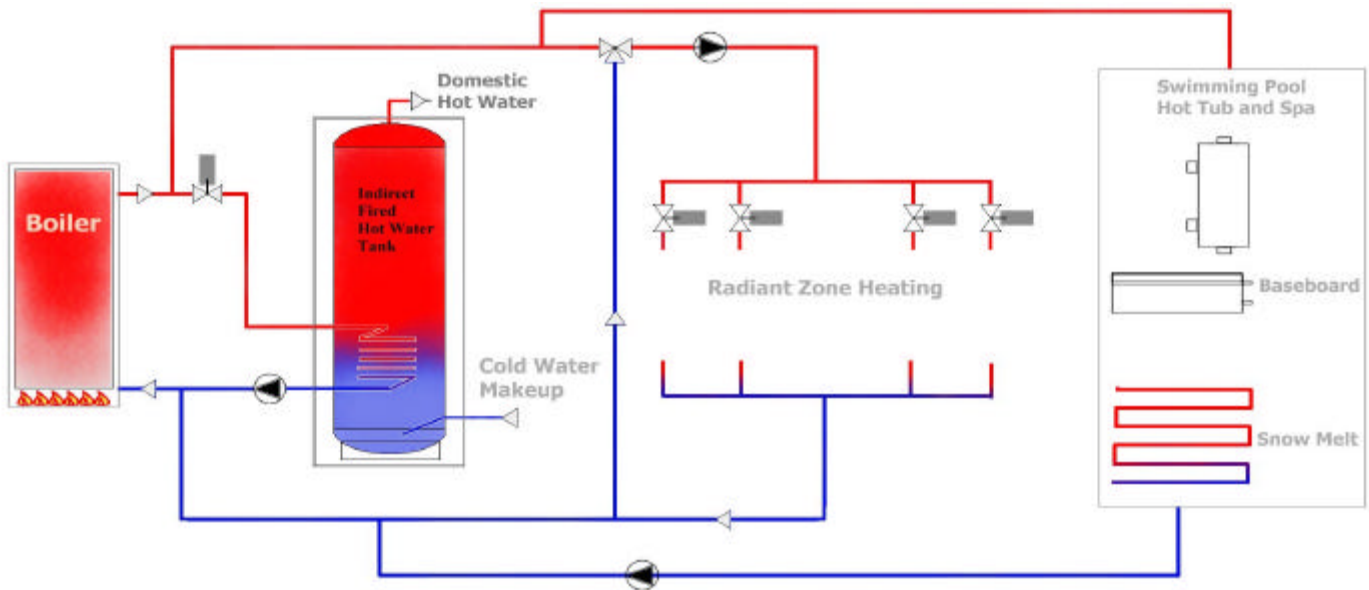
THE J-SERIES TANK FEATURES

- 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
- Double wall leak detection minimizes contamination

Passivated treatment for maximum corrosion resistance

J-SERIES indirectly fired hot water tanks

for **HIGH PERFORMANCE** hydronic applications



Performance

J-SERIES DW

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

Boiler Supply Temp	180°F	J40 DW	J60 DW	J80 DW	J120 DW
Boiler Output	Btu/hr	88,000	88,000	110,000	110,000
1st Hour Delivery	USGPH	145	165	212	252
2nd Hour Delivery	USGPH	105	105	132	132
Pressure drop coil	ft water	0.6	0.6	1.1	1.1
GPM for pressure drop	GPM	9	9	11	11

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

Boiler Supply Temp	200°F	J40 DW	J60 DW	J80 DW	J120 DW
Boiler Output	Btu/hr	88,000	88,000	110,000	110,000
1st Hour Delivery	USGPH	122	142	183	223
2nd Hour Delivery	USGPH	82	82	103	103
Pressure drop coil	ft water	0.6	0.6	1.1	1.1
GPM for pressure drop	GPM	9	9	11	11

MAXIMUM OPERATING PRESSURE

**SHELL 150 PSI
COIL 150 PSI**

J-SERIES DWXL

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

Boiler Supply Temp	180°F	J60 DW/XL	J80 DW/XL	J120 DW/XL
Boiler Output	Btu/hr	88,000	110,000	110,000
1st Hour Delivery	USGPH	211	269	309
2nd Hour Delivery	USGPH	151	189	189
Pressure drop coil	ft water	0.6	1.1	1.1
GPM for pressure drop	GPM	9	11	11

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

Boiler Supply Temp	200°F	J60 DW/XL	J80 DW/XL	J120 DW/XL
Boiler Output	Btu/hr	88,000	110,000	110,000
1st Hour Delivery	USGPH	177	227	267
2nd Hour Delivery	USGPH	117	147	147
Pressure drop coil	ft water	0.6	1.1	1.1
GPM for pressure drop	GPM	9	11	11

LIMITED WARRANTY
15 YEARS
RESIDENTIAL
5 YEARS
COMMERCIAL

* NOTE: Data provided for general indication only.