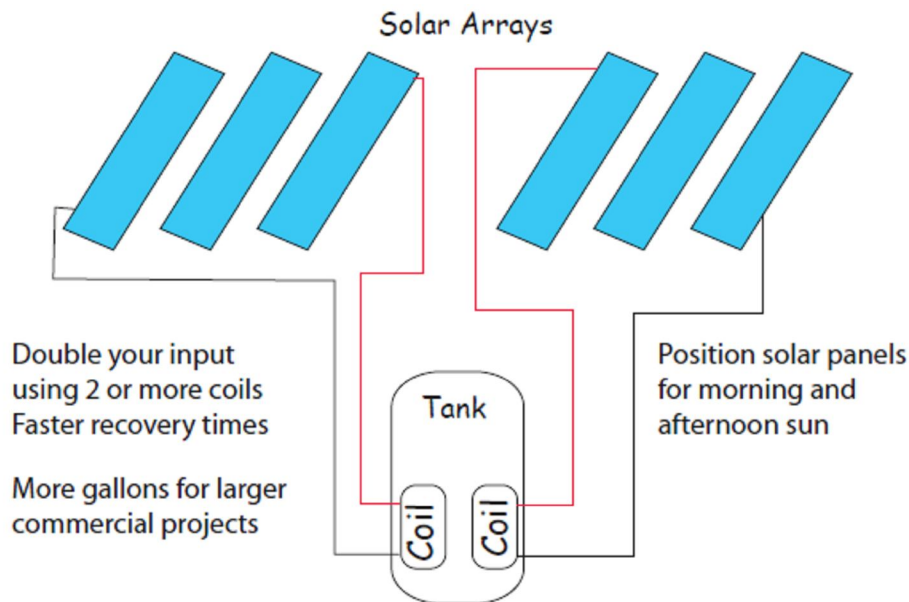
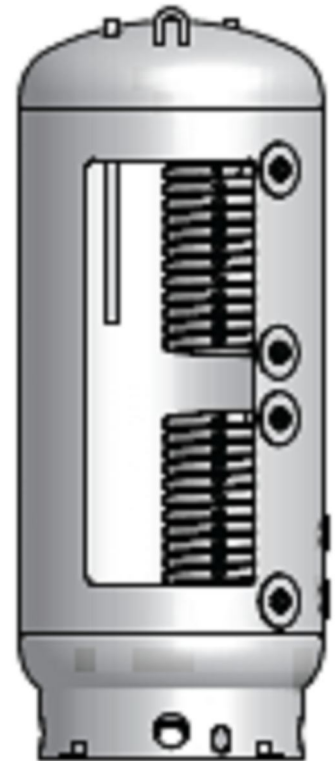


LARGE VOLUME SOLAR TANKS

- Multiple coils available per tank
Coils sizes are 7" diameter, 21" length
- Glass lined for high temperatures
- Topcoat insulation offers a R-16 insulation value
- Available with insulation and steel jacket
- Vertical and horizontal
- Tank sizes up to 1,000 gallons
- Electric or boiler back-up
Electric back-up requires additional flanged fittings
- 5 year warranty
- Lifting lugs standard
- ASME Rated

Heat Transfer Ratings 27,000 btu/hr/coil

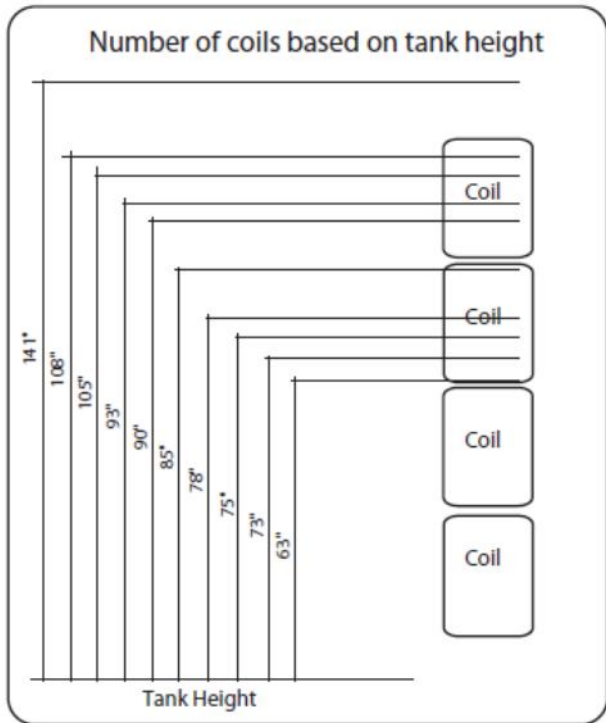
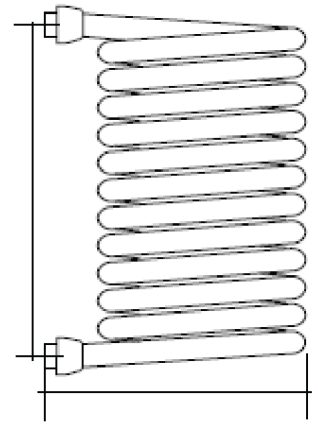
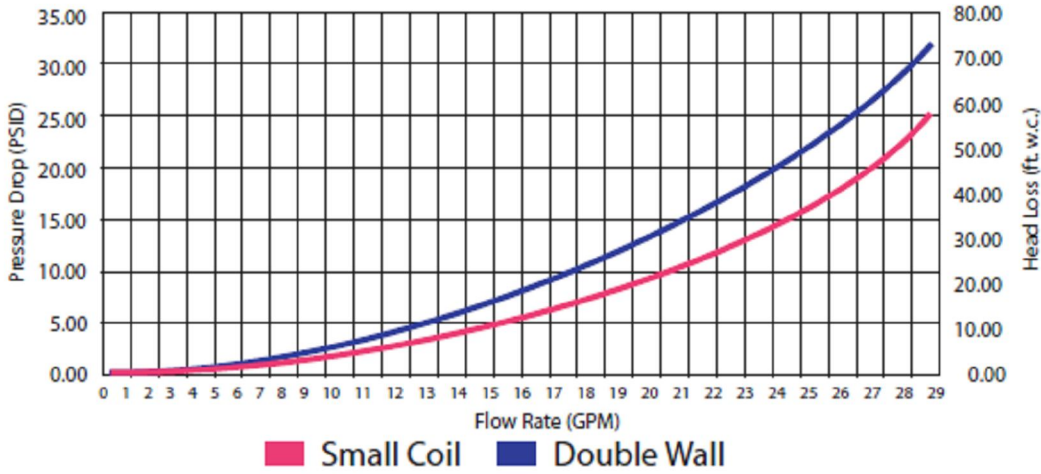
Based on 100 degree incoming water temperature from solar panels



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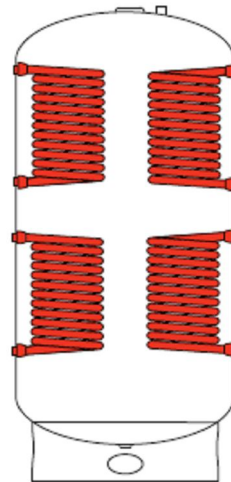
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Pressure Drop Curve

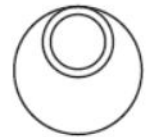


From the solar collector – 100
 Incoming water temperature – 40 degrees
 40 degree rise
 3 GPM

Coil Btu Output 27,000 Btu/hr x (4)



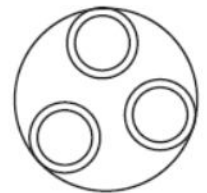
Number of coils based on tank diameter and output requirements



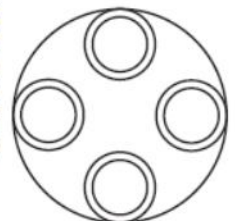
30" Diameter



36" Diameter



42" Diameter



48" Diameter

Part #	Nominal Gal. Cap.	Gal. Cap.	Dia.	Vert. Hgt.	Horiz. Hgt.	E	H	L	D	A	B	C	Weight at 125 #
916-035	193	175	30"	67"	39"	4"	17.5"	63"	18"	2.5"	1"	3"	303
916-036	229	210	30"	79"	39"	4"	17.5"	75"	24"	2.5"	1"	3"	347
916-037	260	240	30"	89"	39"	4"	17.5"	85"	29"	2.5"	1"	3"	383
916-041	344	310	36"	82"	45"	4"	19"	78"	24"	2.5"	1"	3"	527
916-042	375	340	36"	89"	45"	4"	19"	85"	27.5"	2.5"	1"	3"	569
916-043	397	360	36"	94"	45"	4"	19"	90"	30"	2.5"	1"	3"	599
916-048	504	453	42"	88"	51"	4"	20.5"	84"	25.5"	3"	1"	3"	716
916-049	558	505	42"	97"	51"	4"	20.5"	93"	30"	3"	1"	3"	848
916-050	630	575	42"	109"	51"	4"	20.5"	105"	36"	3"	1"	3"	934
916-054	572	500	48"	77"	57"	4"	22"	73"	18.5"	3"	1"	3"	1025
916-056	752	675	48"	100"	57"	4"	22"	96"	30"	3"	1"	3"	1173
916-057	846	765	48"	112"	57"	4"	22"	108"	36"	3"	1"	3"	1301
916-059	1128	1040	48"	145"	57"	4"	22"	141"	52.5"	3"	1"	3"	1652

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