

SUPERstor[®] ULTRA[®] MAX

Stainless Steel Indirect Fired Water Heaters



Heat Exchanger Performance Ratings



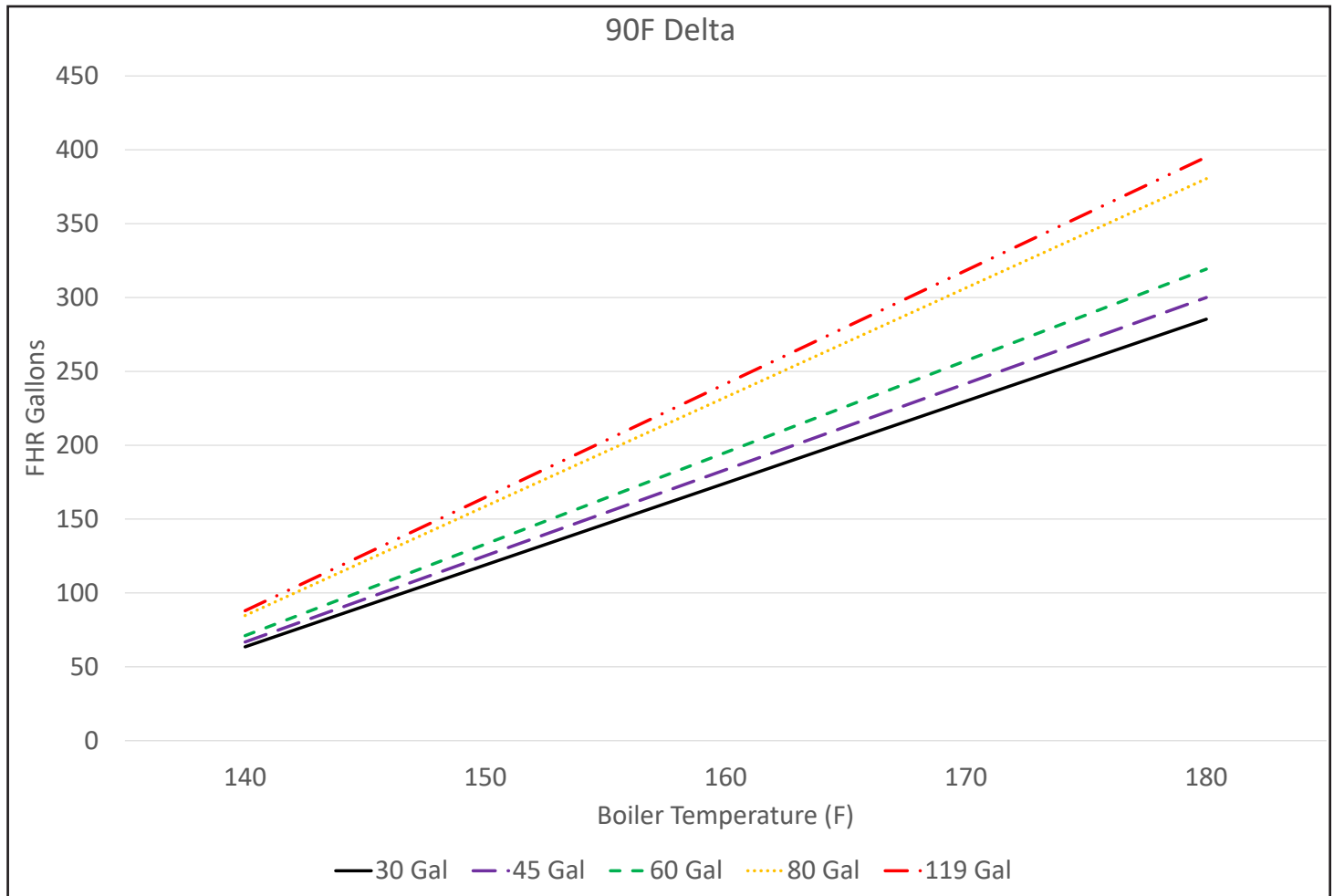
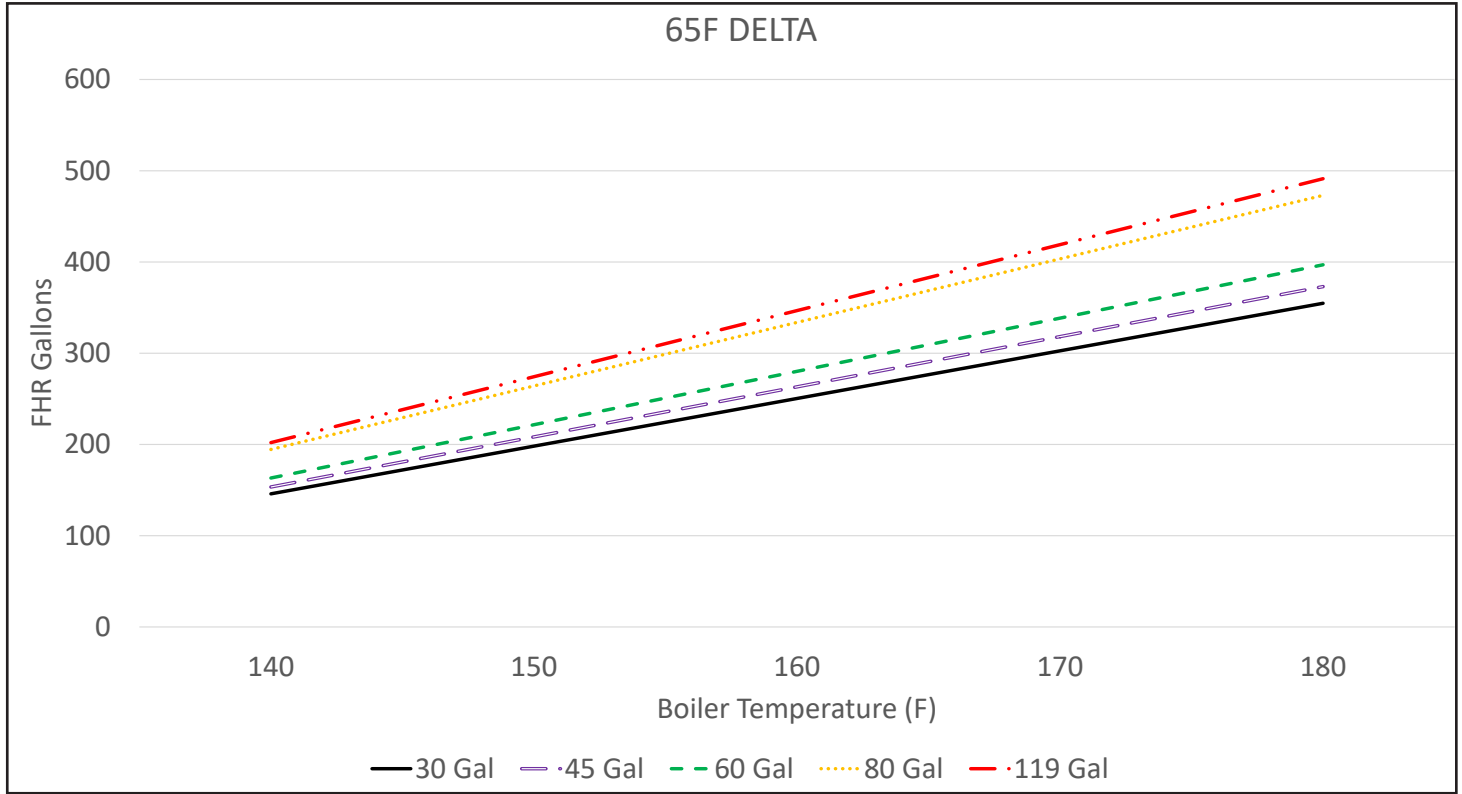
Model	Heat Exchanger Surface	Test Pressure	Working Pressure	180° F Boiler Water 1st Hour Rating [†]	180° F Boiler Btuh / Size	Recommended Flow Rate	Pressure Drop at Recommended Flow Rate
MSSU-30N	15 Sq. Ft.	300 PSI	150 PSI	286 Gal.	170,000	14 GPM	5.4 Ft
MSSU-45N				317 Gal.	185,000		
MSSU-60N				340 Gal.	185,000		
MSSU-80N	18 Sq. Ft.			405 Gal.	215,000		
MSSU-119N				433 Gal.	215,000		

[†]AHRI TEST METHOD BASED ON 77° F TEMPERATURE RISE, 58° F / 135° F W/BOILER WATER AT 180° F NOTE: TANK RECOVERY FROM COLD START WILL BE BETWEEN 10-13 MINUTES WHEN SIZED WITH CORRECT FLOW RATE, BOILER SIZE AND PRESSURE DROP RATINGS FROM LIST IN ABOVE CHART.
CONTINUOUS FLOW RATING CALCULATION: FIRST HOUR RATING - (.75 * GALLON CAPACITY) = CONTINUOUS FLOW RATING.

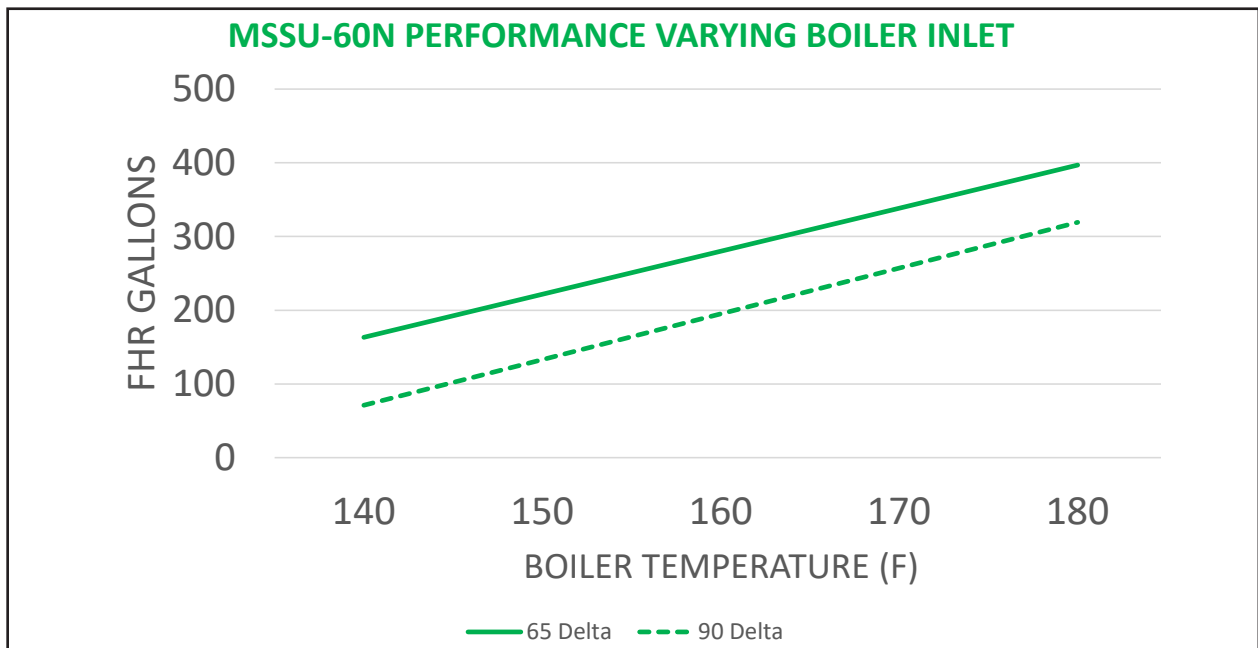
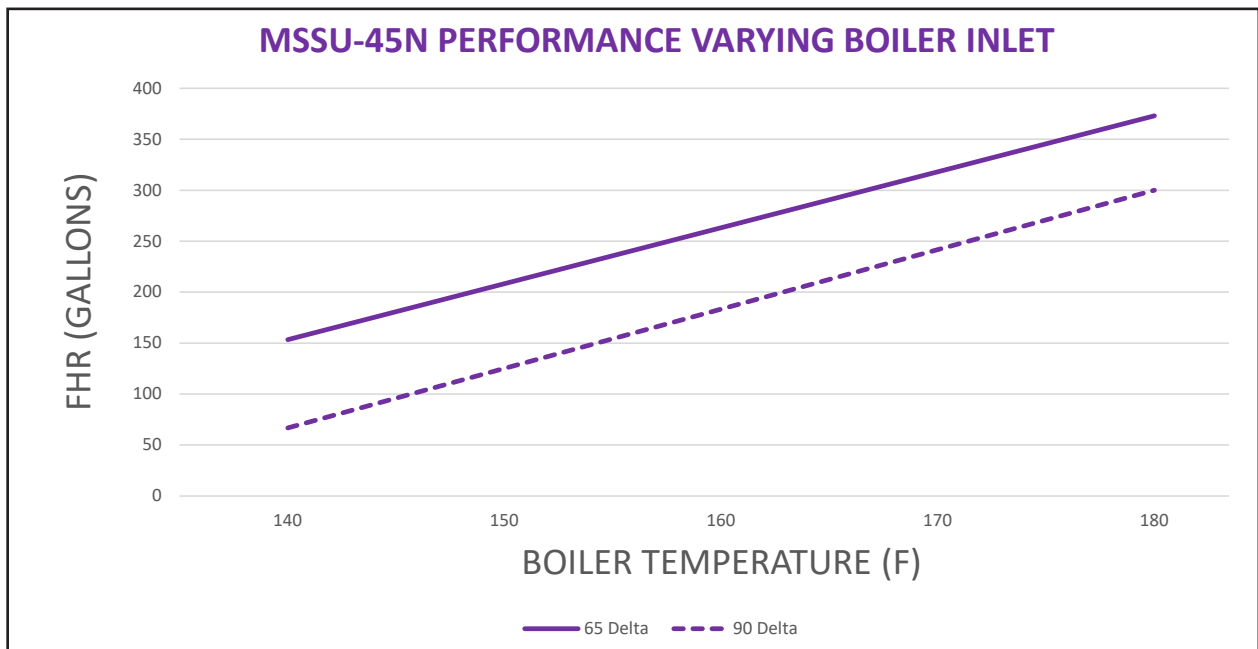
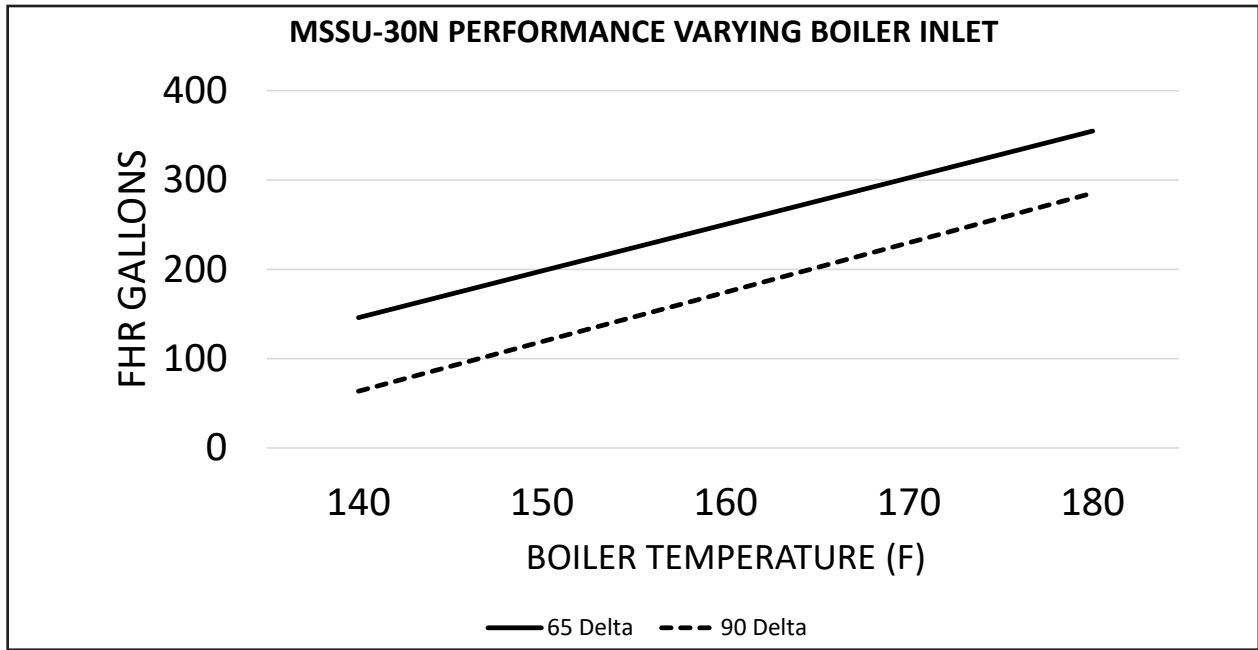
Performance Graphs

NOTE: Graphs are included for sizing reference only.

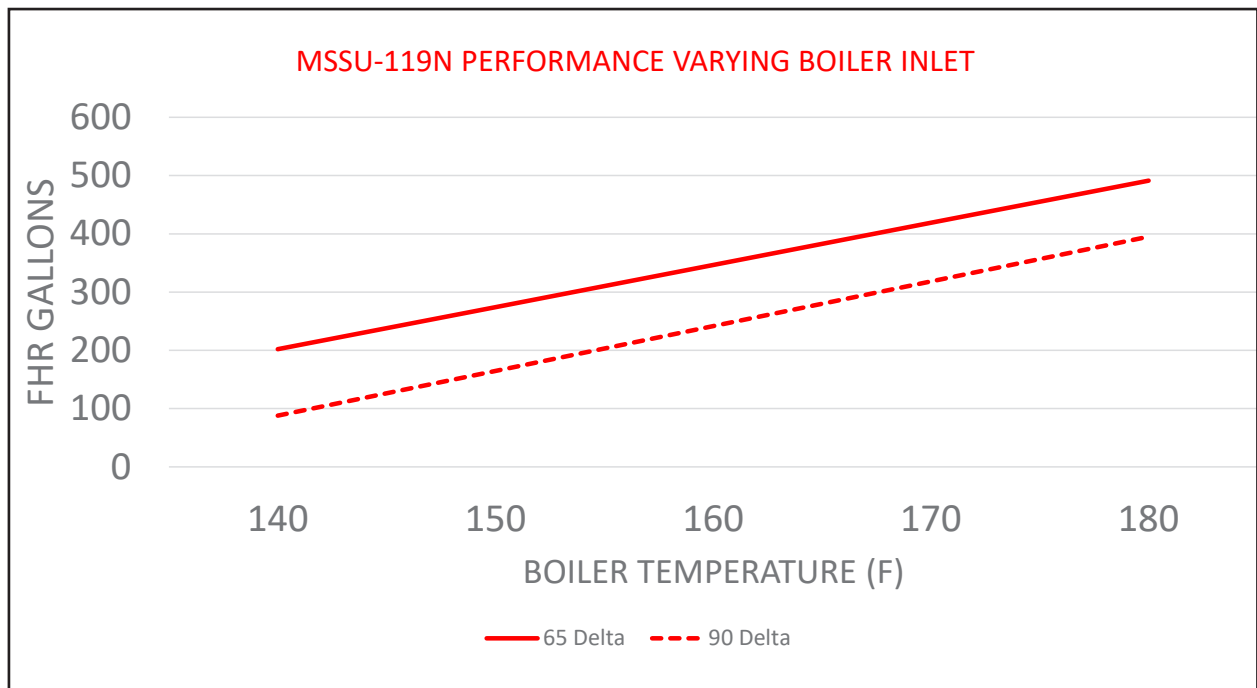
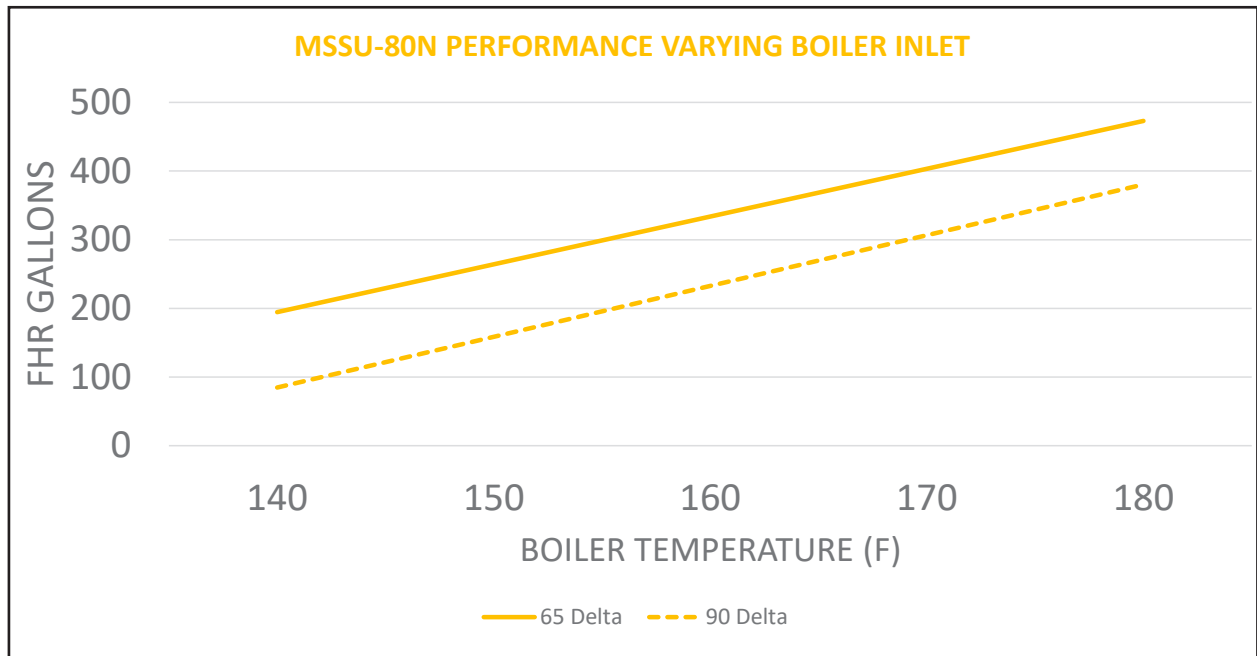
*TEST METHOD WHERE DHW INLET = 50° F and OUTLET = 115 / 140° F (DELTA of 65 / 90° F RESPECTIVELY), BOILER WATER TEMPERATURE VARIED FROM 140° F TO 180° F



*THE FOLLOWING SETS OF GRAPHS REPRESENTS TEST RESULTS WHERE DHW INLET = 50° F and OUTLET = 115 / 140° F (DELTA of 65 / 90° F RESPECTIVELY). BOILER WATER TEMPERATURE VARIED FROM 140° F TO 180° F



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