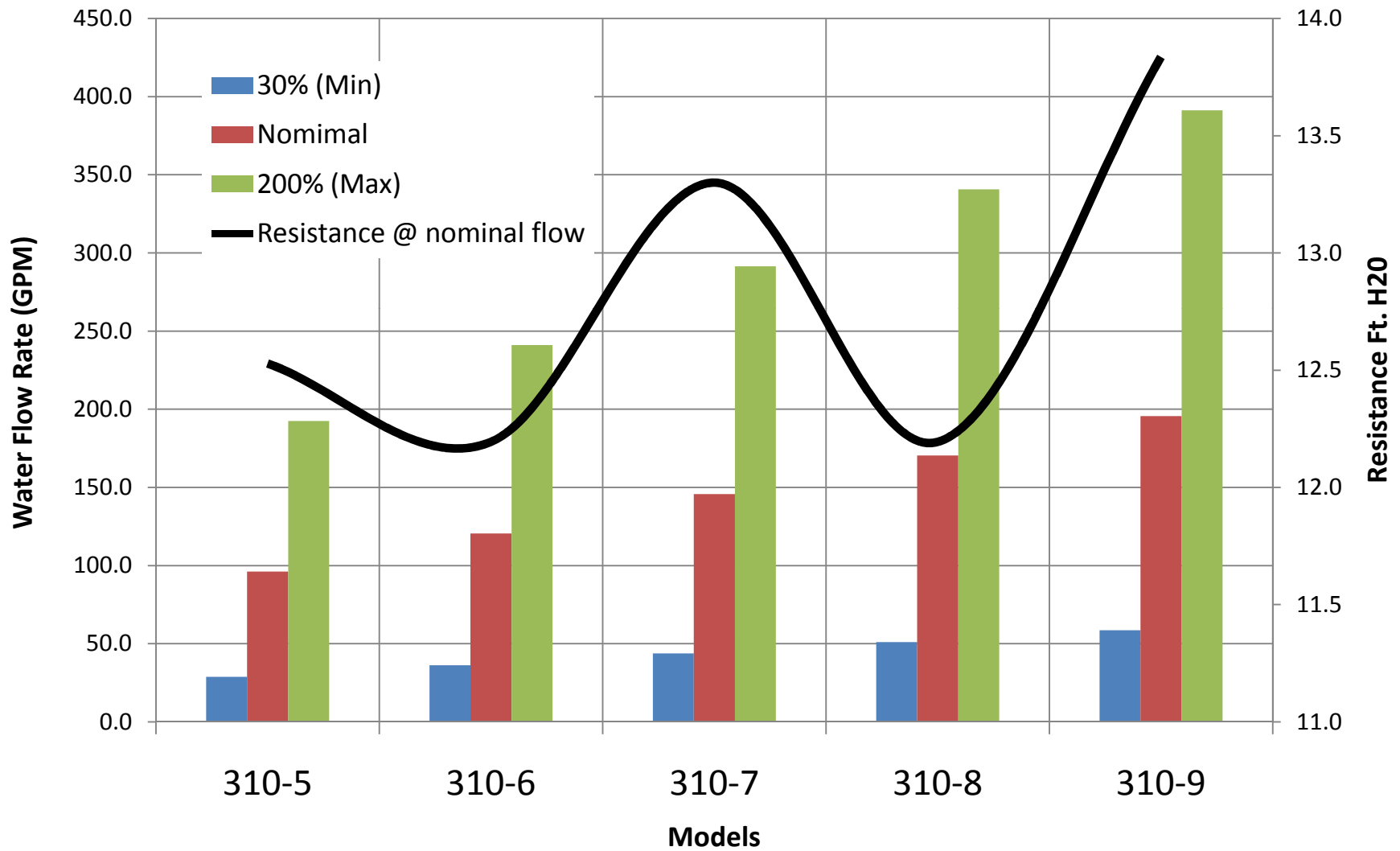


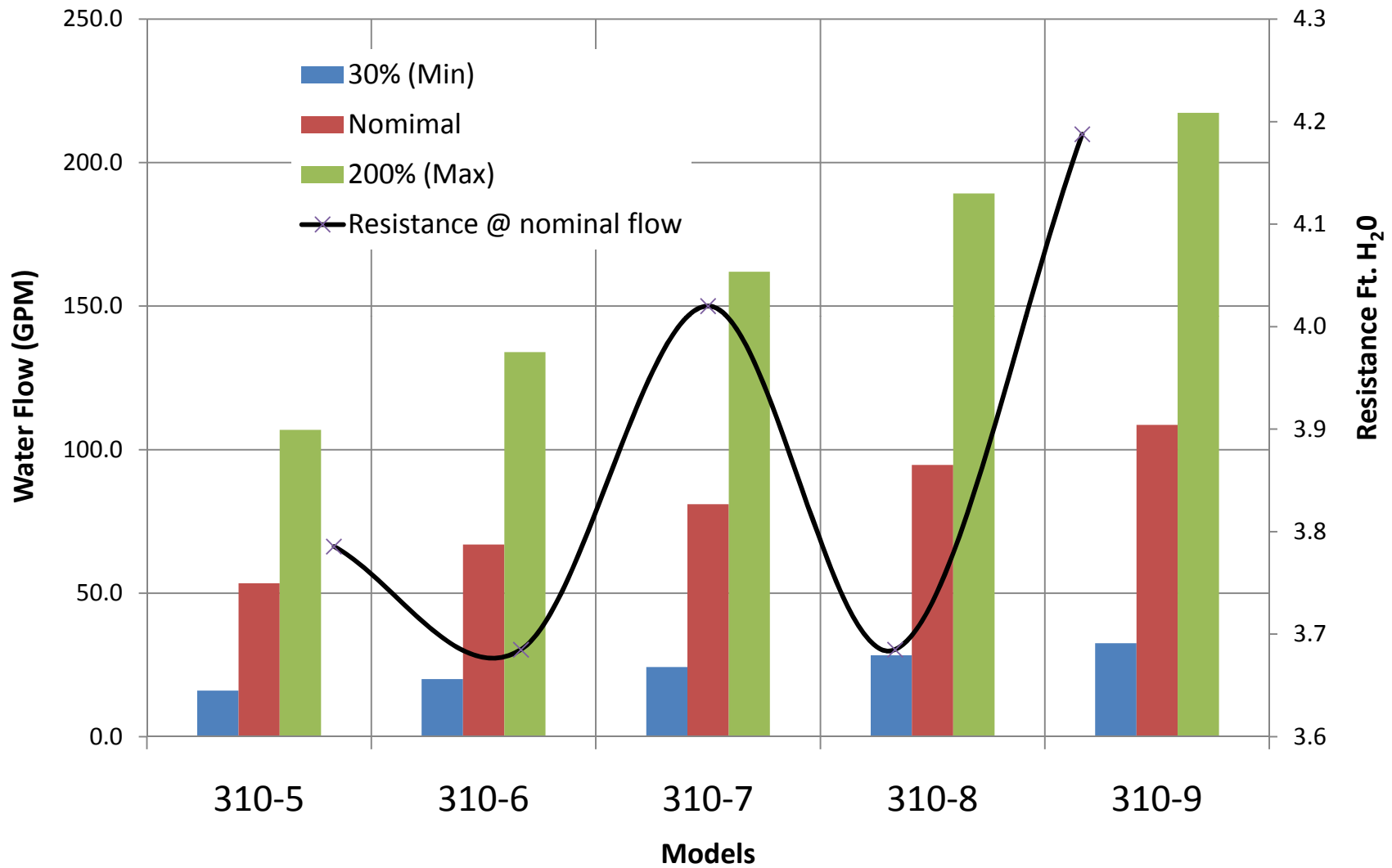


Gas310 Eco Series Boiler Water Flow Vs. Resistance (Based on 20°F [11k] ΔT)

DDR Americas Inc.
DeDietrich Boilers North America



Gas310 Eco Series
Boiler Water Flow Vs. Resistance
(Based on 36°F [20k] ΔT)



Water flow calculations
De Dietrich Gas 310 Eco Series

Full Output Operating Flow Rates						
		30%	Nominal	200%	Nominal	
Model	Output Btu	GPM			m ³ /H	@ 20K or 36° F [Δ_T]
310-5	962,000	16.0	53.5	106.9	12.1	
310-6	1,205,000	20.1	67.0	133.9	15.2	
310-7	1,457,000	24.3	81.0	162.0	18.4	
310-8	1,703,000	28.4	94.6	189.3	21.5	
310-9	1,955,000	32.6	108.7	217.3	24.7	

Full Output Operating Flow Rates						
		30%	Nominal	200%	Nominal	
Model	Output Btu	GPM			m ³ /H	@ 11K or 20° F [Δ_T]
310-5	962,000	28.9	96.2	192.5	21.9	
310-6	1,205,000	36.2	120.5	241.1	27.4	
310-7	1,457,000	43.7	145.8	291.5	33.1	
310-8	1,703,000	51.1	170.4	340.7	38.7	
310-9	1,955,000	58.7	195.6	391.2	44.4	