



**BOILER SELECTION GUIDE  
ICE PREVENTION - ULTRA HIGH EFFICIENCY**

MODEL NUMBER	Cascade System Combination*	BTU INPUT		CAPACITY (SQUARE FEET)			
		High Efficiency	Approximate Atmospheric Equivalent	@ 10° F	@ 0° F	@ -10° F	@ -20° F
HWA-79	N/A	80,000	97,600	890	750	650	570
HWA-129	N/A	136,300	166,200	1,510	1,280	1,110	980
HWA-179	N/A	180,000	219,500	2,000	1,690	1,460	1,290
HWA-199	N/A	199,000	242,700	2,210	1,870	1,620	1,430
HWA-299	N/A	299,000	364,600	3,310	2,800	2,430	2,140
HWA-399	N/A	399,999	487,800	4,430	3,750	3,250	2,870
HWA-599	N/A	630,000	768,300	6,980	5,910	5,120	4,520
<b>Multi-unit (cascaded) systems</b>							
HWA-798	(2) 399's	799,000	974,400	8,860	7,500	6,500	5,730
HWA-998	(1) 399 + (1) 599	1,029,900	1,256,000	11,420	9,660	8,370	7,390
HWA-1198	(2) 599's	1,260,000	1,536,600	13,970	11,820	10,240	9,040
HWA-1597	(1) 399 + (2) 599	1,659,000	2,023,200	18,390	15,560	13,490	11,900
HWA-1797	(3) 599's	1,890,000	2,304,900	20,950	17,730	15,370	13,560
HWA-2396	(4) 599's	2,520,000	3,073,200	27,940	23,640	20,490	18,080



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	High Efficiency	Approximate Atmospheric Equivalent	@ 10° F	@ 0° F	@ -10° F	@ -20° F
X-fyre 300 (XF-300)	300,000	365,900	3,330	2,810	2,440	2,150
X-fyre 400 (XF-400)	400,000	487,800	4,430	3,750	3,250	2,870
X-fyre 500 (XF-500)	500,000	609,800	5,540	4,690	4,070	3,590
X-fyre 700 (XF-700)	700,000	853,700	7,760	6,570	5,690	5,020
X-fyre 850 (XF-850)	850,000	1,036,600	9,420	7,970	6,910	6,100
X-therm 1005 (XT-1005)	999,000	1,218,300	11,080	9,370	8,120	7,170
X-therm 1505 (XT-1505)	1,500,000	1,829,300	16,630	14,070	12,200	10,760
X-therm 2005 (XT-2005)	1,999,000	2,437,800	22,160	18,750	16,250	14,340



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ICE PREVENTION - ATMOSPHERIC BOILERS**

MODEL NUMBER	BTU INPUT	CAPACITY (SQUARE FEET)			
		@ 10° F	@ 0° F	@ -10° F	@ -20° F
TD5-413B	136,000	1,240	1,050	910	800
TD5-918B	181,000	1,650	1,390	1,210	1,060
TD5-926B	264,000	2,400	2,030	1,760	1,550
TD5-930B	334,000	3,040	2,570	2,230	1,960
TD5-940B	399,000	3,630	3,070	2,660	2,350
TD5-951B	512,000	4,650	3,940	3,410	3,010
TD5-962B	627,000	5,700	4,820	4,180	3,690
TD5-972B	726,000	6,600	5,580	4,840	4,270
TD5-982B	825,000	7,500	6,350	5,500	4,850
TD5-996B	962,000	8,750	7,400	6,410	5,660
TD5-9112B	1,125,000	10,230	8,650	7,500	6,620
TD5-9122B	1,223,000	11,120	9,410	8,150	7,190
TD5-9133B	1,337,000	12,150	10,280	8,910	7,860
TD5-9146B	1,467,000	13,340	11,280	9,780	8,630
TD5-9163B	1,630,000	14,820	12,540	10,870	9,590
TD5-9182B	1,826,000	16,600	14,050	12,170	10,740