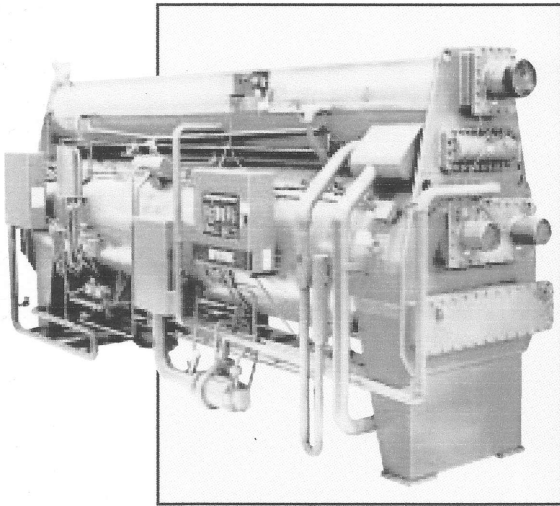


# **YORK<sup>®</sup> Millennium<sup>™</sup>** **Water Cooled Absorption Chillers**



## **YIA Indirect Fired**

Single-Stage Steam or Water

**COOLING CAPACITIES**    **Steam:**            **420kW - 4850kW**  
    **Hot Water:**        **420kW - 4850kW**  
    **Warm Water:**     **200kW - 4000kW**



The Indirect Fired chillers can be driven by waste heat to provide free energy. This equipment is often used as part of a Co-Generation system.

YIA Single Stage Steam or Water					
Model	Cooling kW	Dimensions mm			Weight kg
		Length	Width	Height	
1A1	420	3720	1760	2320	4950
1A2	550	4330	1420	2320	5500
2A3	600	4940	1420	2320	6130
2A4	720	5550	1420	2320	6590
2B1	830	4940	1580	2640	7900
3B2	960	5550	1580	2640	8540
3B3	1090	6160	1580	2640	9490
4B4	1176	6770	1580	2640	10490
4C1	1280	5550	1770	3020	11400
5C2	1440	6160	1770	3020	12260
5C3	1570	6770	1770	3020	13620
6C4	1820	7530	1770	3540	14760
7D1	1990	6160	2110	3540	17890
7D2	2170	6770	2110	3540	19840
8D3	2480	7530	2110	3540	21800
8E1	2790	6870	2290	3840	24110
9E2	3190	7630	2290	3840	26830
10E3	3380	8390	2290	3840	29790
12F1	4040	7630	2480	4240	35550
13F2	4340	8390	2480	4240	39050
14F3	4840	9150	2480	4240	41140

**UNIT WEIGHTS (ENGLISH)**

**UNIT WEIGHTS**

YIA Model	Operating Weight (lbs) <sup>2</sup>	Shipping Weight (lbs)	Rigging Weight (lbs)	Solution Weight (lbs)	Refrigerant Weight (lbs)	Water Weight in Abs/Cond/ Evap/Gen	Top Shell Rigging Weight (lbs)	Bottom Shell Rigging Weight (lbs)
1A1	11,424	8,900	8,700	1,501	167	856	2,225	6,675
1A2	12,808	9,800	9,700	1,782	250	976	2,450	7,350
2A3	14,120	10,800	10,600	1,916	284	1,120	2,700	8,100
2A4	15,583	11,700	11,500	2,318	317	1,248	2,925	8,775
2B1	17,896	13,400	13,300	2,600	400	1,496	3,350	10,050
3B2	19,963	14,800	14,600	3,002	434	1,728	3,700	11,100
3B3	21,857	16,200	16,000	3,270	484	1,904	4,050	12,150
4B4	23,891	17,600	17,400	3,685	534	2,072	4,400	13,200
4C1	25,185	18,500	18,200	3,819	434	2,432	4,625	13,875
5C2	27,962	20,200	19,900	4,502	475	2,784	5,050	15,150
5C3	30,300	21,800	21,500	4,918	542	3,040	5,450	16,350
6C4	33,080	23,500	23,200	5,601	642	3,336	5,875	17,625
7D1	38,827	28,700	28,400	5,601	734	3,792	7,175	21,525
7D2	43,446	32,200	31,900	6,285	826	4,136	8,050	24,150
8D3	48,138	35,700	35,400	6,968	926	4,544	8,925	26,775
8E1	54,223	39,000	38,600	8,603	1,076	5,544	9,750	29,250
9E2	60,976	43,400	43,000	10,238	1,235	6,104	10,850	32,550
10E3	67,210	48,500	48,100	16,653	1,401	6,656	12,125	36,375
12F1	80,775	59,700	44,400 <sup>1</sup>	12,288	1,351	7,936	14,800	44,400
13F2	88,081	64,634	48,100 <sup>1</sup>	13,789	1,502	8,656	16,034	48,100
14F3	93,797	67,967	50,600 <sup>1</sup>	15,276	1,702	9,352	16,867	50,600

**UNIT WEIGHTS (METRIC)**

YIA Model	Operating Weight (kg) <sup>2</sup>	Shipping Weight (kg)	Rigging Weight (kg)	Solution Weight (kg)	Refrigerant Weight (kg)	Water Weight in Abs/Cond/ Evap/Gen	Top Shell Rigging Weight (kg)	Bottom Shell Rigging Weight (kg)
1A1	5,182	4,037	3,946	681	76	388	1,009	3,028
1A2	5,810	4,445	4,400	808	114	443	1,111	3,334
2A3	6,405	4,899	4,808	869	129	508	1,225	3,674
2A4	7,069	5,307	5,216	1,052	144	566	1,327	3,980
2B1	8,118	6,078	6,033	1,179	182	679	1,520	4,559
3B2	9,055	6,713	6,623	1,362	197	784	1,678	5,035
3B3	9,915	7,348	7,258	1,483	219	864	1,837	5,511
4B4	10,837	7,983	7,893	1,672	242	940	1,996	5,987
4C1	11,424	8,392	8,256	1,732	197	1,103	2,098	6,294
5C2	12,684	9,163	9,027	2,042	216	1,263	2,291	6,872
5C3	13,744	9,888	9,752	2,231	246	1,379	2,472	7,416
6C4	15,005	10,660	10,524	2,541	291	1,513	2,665	7,995
7D1	17,612	13,018	12,882	2,541	333	1,720	3,255	9,764
7D2	19,707	14,606	14,470	2,851	375	1,876	3,652	10,955
8D3	21,835	16,194	16,057	3,161	420	2,061	4,049	12,146
8E1	24,596	17,690	17,509	3,902	488	2,515	4,423	13,268
9E2	27,659	19,686	19,505	4,644	560	2,769	4,922	14,765
10E3	30,487	22,000	21,818	4,832	636	3,019	5,500	16,500
12F1	36,641	27,354	20,140 <sup>1</sup>	5,574	613	3,600	6,714	20,140
13F2	39,953	29,591	21,818 <sup>1</sup>	6,255	681	3,926	7,273	21,818
14F3	42,546	31,103	22,952 <sup>1</sup>	6,929	772	4,242	7,651	22,952

NOTES:

<sup>1</sup> Bottom shell only.

<sup>2</sup> Operating weight = shipping weight + weight of refrigerant and solution + weight of chilled, tower and hot water in the tubes.

