



BY JOHNSON CONTROLS

SMALL TONNAGE AIR-COOLED (60 HZ) AND WATER-COOLED SCREW AND SCROLL CHILLERS

COMPETITIVE DATA

Supercedes: 150.70-CD1 (1110)

Form 150.70-CD1 (0514)

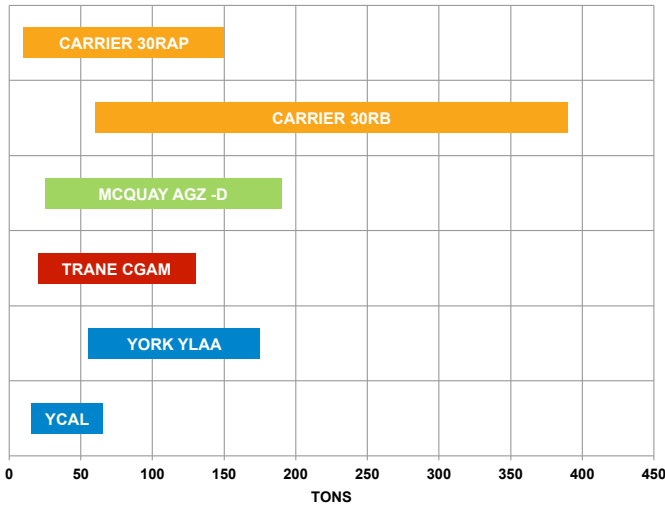
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This Competitive Data Bulletin provides the small tonnage air-cooled and water-cooled screw and scroll chiller market as reported in the latest competitor's literature on file. These profiles provide valuable information on the competition's strengths and weaknesses throughout the market. The data here should help better position ourselves in the market.

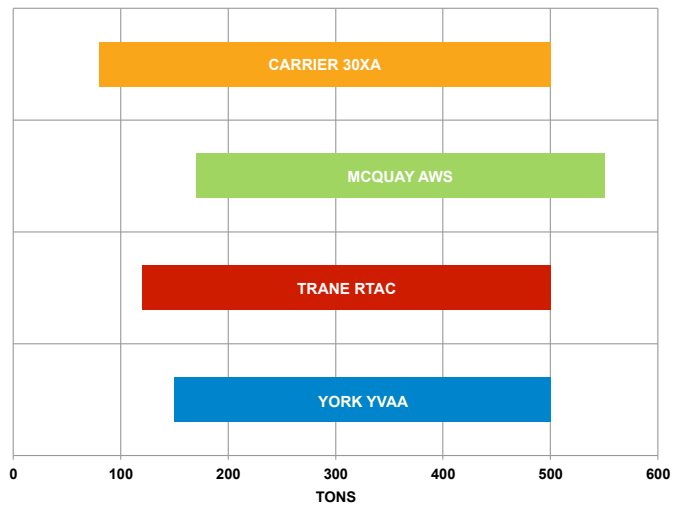
The most recent, available competitor's data was used to compile this document.



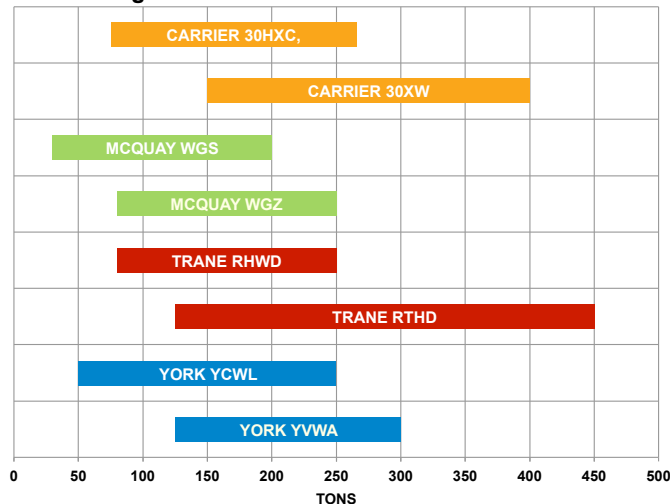
Air-Cooled Scroll Chillers 60Hz - North America Market



Air-Cooled Screw Chillers 60Hz - North America Market



Small Tonnage Water-Cooled Chillers - North America Market



AIR-COOLED CHILLERS 10 TO 50 TONS

	MFG	MODEL	SIZE	COMPRESSOR TYPE	95°/44° 60HZ					UNIT EFFICIENCY		DIMENSIONS			
					Capacity Tons	Capacity kW	Input Power (kW)			EER	IPLV	(Inches)			SQ FT
							Compr	Fans	Total			L	W	H	
1	CARRIER	30RAP010	10	SCROLL	10.5	36.9	10.7	1.2	11.9	10.5	14.2	67.0	41.0	66.0	19.1
2	CARRIER	30RAP015	15	SCROLL	14.0	49.2	15.6	1.3	16.9	10.0	13.2	67.0	41.0	66.0	19.1
3	YORK	YCAL0019EE	19	SCROLL	15.4	54.2	17.5	1.0	18.5	10.0	14.7	109.8	44.7	46.1	34.1
4	CARRIER	30RAP018	18	SCROLL	16.1	56.6	15.6	3.0	18.6	10.4	14.5	89.0	41.0	66.0	25.3
5	YORK	YCAL0022EE	22	SCROLL	18.7	65.8	21.2	1.0	22.2	10.0	15.5	109.8	44.7	46.1	34.1
6	CARRIER	30RAP020	20	SCROLL	18.8	66.1	19.1	2.9	22.0	10.3	14.5	89.0	41.0	66.0	25.3
7	TRANE	CGAM020	20	SCROLL	19.6	68.9	-	-	20.5	10.3	14.2	113.8	50.4	84.7	39.8
8	CARRIER	30RAP025	25	SCROLL	23.4	82.3	24.5	2.8	27.3	10.3	15.3	89.0	41.0	78.0	25.3
9	TRANE	CGAM026	26	SCROLL	25.1	88.3	-	-	27.4	10.0	15.1	113.8	50.4	84.7	39.8
10	YORK	YCAL0028EE	28	SCROLL	25.6	90.0	27.0	3.0	30.0	10.1	13.4	118.6	44.7	50.0	36.8
11	CARRIER	30RAP030	30	SCROLL	27.6	97.1	30.9	2.7	33.6	9.9	14.8	89.0	41.0	78.0	25.3
12	TRANE	CGAM030	30	SCROLL	28.2	99.2	-	-	29.5	10.1	15.0	149.8	50.4	84.7	52.4
13	YORK	YCAL0033EE	33	SCROLL	28.6	100.6	31.7	3.0	34.7	10.5	14.5	118.6	44.7	50.0	36.8
14	MCQUAY	AGZ030C	30	SCROLL	31.5	110.8	35.0	4.4	39.4	9.6	13.9	94.4	88.0	100.4	57.7
15	TRANE	CGAM035	35	SCROLL	33.1	116.4	-	-	35.9	10.0	15.2	149.8	50.4	84.7	52.4
16	MCQUAY	AGZ035C	35	SCROLL	34.1	119.9	38.2	4.4	42.6	9.6	14.2	94.4	88.0	100.4	57.7
17	CARRIER	30RAP035	35	SCROLL	34.4	121.0	35.9	3.8	39.7	10.4	14.9	89.0	93.0	66.0	57.5
18	MCQUAY	AGZ040C	40	SCROLL	37.1	130.5	41.0	4.4	45.4	9.8	14.4	94.4	88.0	100.4	57.7
19	YORK	YCAL0043EE	43	SCROLL	37.2	130.8	38.8	5.6	44.4	10.1	14.5	144.8	90.6	47.8	91.1
20	TRANE	CGAM040	40	SCROLL	38.2	134.3	-	-	40.4	10.0	13.8	113.8	88.4	84.8	69.9
21	CARRIER	30RAP040	40	SCROLL	38.9	136.8	42.3	3.8	46.1	10.1	15.3	89.0	93.0	66.0	57.5
22	YORK	YCAL0046EE	46	SCROLL	39.4	138.6	42.7	5.6	48.3	10.2	14.7	144.8	90.6	47.8	91.1
23	MCQUAY	AGZ045C	45	SCROLL	42.1	148.1	46.1	4.4	50.5	10.0	14.4	94.4	88.0	100.4	57.7
24	CARRIER	30RAP045	45	SCROLL	43.1	151.6	48.6	3.4	52.0	10.0	15.3	89.0	93.0	78.0	57.5
25	YORK	YCAL0052EE	52	SCROLL	46.2	162.5	47.7	6.7	54.4	10.2	15.1	148.8	90.6	62.6	93.6
26	CARRIER	30RAP050	50	SCROLL	47.3	166.4	53.1	3.8	56.9	10.0	14.7	89.0	93.0	78.0	57.5
27	MCQUAY	AGZ050C	50	SCROLL	47.6	167.4	52.2	4.4	56.6	10.1	14.6	94.4	88.0	100.4	57.7
28	TRANE	CGAM052	52	SCROLL	49.5	174.1	-	-	53.7	9.8	15.1	113.8	88.4	84.8	69.9

	OPERATING WEIGHT (lbs)	REFRIGERANT			COMPR #	CONDENSER COILS			CONDENSER FANS			SOUND		AMBIENT		
		Circuit #	Type	Chrg Wt (lbs)		SQ FT	FPI	Rows	#	RPM	Air Flow CFM	Power Lwa	Pressure		Std °F	Opt °F
													dBa	Dist (ft)		
1	704	1	R-410A	9	-	-	-	-	-	-	-	-	-	-	-	
2	718	1	R-410A	10	-	-	-	-	-	-	-	-	-	-	-	
3	1481	1	R-410A	25	-	-	-	-	-	-	-	-	-	-	-	
4	1125	1	R-410A	15	-	-	-	-	-	-	-	-	-	-	-	
5	1597	1	R-410A	30	-	-	-	-	-	-	-	-	-	-	-	
6	1133	1	R-410A	15	-	-	-	-	-	-	-	-	-	-	-	
7	1989	1	R-410A	34	-	-	-	-	-	-	-	-	-	-	-	
8	1242	1	R-410A	17	-	-	-	-	-	-	-	-	-	-	-	
9	2047	1	R-410A	34	-	-	-	-	-	-	-	-	-	-	-	
10	1829	1	R-410A	45	-	-	-	-	-	-	-	-	-	-	-	
11	1283	1	R-410A	18	-	-	-	-	-	-	-	-	-	-	-	
12	2588	1	R-410A	48	-	-	-	-	-	-	-	-	-	-	-	
13	2077	1	R-410A	50	-	-	-	-	-	-	-	-	-	-	-	
14	3195	2	R-410A	60	88	-	-	-	-	-	88	60.00	30.00	-	-	
15	2627	1	R-410A	48	-	-	-	-	-	-	-	-	-	-	-	
16	3205	2	R-410A	60	88	-	-	-	-	-	88	60.00	30.00	-	-	
17	2163	2	R-410A	29	-	-	-	-	-	-	-	-	-	-	-	
18	3285	2	R-410A	78	89	-	-	-	-	-	89	61.00	30.00	-	-	
19	2967	2	R-410A	70	-	-	-	-	-	-	-	-	-	-	-	
20	3537	2	R-410A	64	-	-	-	-	-	-	-	-	-	-	-	
21	2185	2	R-410A	30	-	-	-	-	-	-	-	-	-	-	-	
22	3001	2	R-410A	75	-	-	-	-	-	-	-	-	-	-	-	
23	3445	2	R-410A	88	90	-	-	-	-	-	90	62.00	30.00	-	-	
24	2238	2	R-410A	34	-	-	-	-	-	-	-	-	-	-	-	
25	3233	2	R-410A	90	-	-	-	-	-	-	-	-	-	-	-	
26	2263	2	R-410A	34	-	-	-	-	-	-	-	-	-	-	-	
27	3525	2	R-410A	100	90	-	-	-	-	-	90	63.00	30.00	-	-	
28	3629	2	R-410A	64	-	-	-	-	-	-	-	-	-	-	-	

AIR-COOLED CHILLERS 50 TO 100 TONS

	MFG	MODEL	SIZE	COMPRESSOR TYPE	95°/44° 60HZ					UNIT EFFICIENCY		DIMENSIONS			
					Capacity Tons	Capacity kW	Input Power (kW)			EER	IPLV	(Inches)			SQ FT
							Compr	Fans	Total			L	W	H	
1	MCQUAY	AGZ055C	55	SCROLL	51.4	180.8	58.5	4.4	62.9	9.8	14.5	94.4	88.0	100.4	57.7
2	CARRIER	30RAP055	55	SCROLL	51.8	182.2	56.4	5.3	61.7	10.1	14.6	89.0	93.0	78.0	57.5
3	MCQUAY	AGZ060C	60	SCROLL	55.1	193.8	64.2	4.4	68.6	9.6	14.5	94.4	88.0	100.4	57.7
4	CARRIER	30RAP060	60	SCROLL	56.0	197.0	60.8	5.3	66.1	10.2	14.5	89.0	93.0	78.0	57.5
5	YORK	YCAL0056EE	56	SCROLL	56.2	197.7	57.5	6.7	64.2	10.1	14.7	148.8	90.6	62.6	93.6
6	YORK	YLAA0058HE	58	SCROLL	57.0	200.5	-	-	-	10.6	15.6	100.2	88.0	94.2	61.2
7	CARRIER	30RB060	60	SCROLL	57.1	200.8	60.1	10.3	70.4	9.7	13.1	95.0	88.8	90.4	58.6
8	MCQUAY	AGZ065C	65	SCROLL	57.1	200.8	60.5	6.0	66.5	10.3	14.7	94.4	88.0	100.4	57.7
9	TRANE	CGAM060	60	SCROLL	57.2	201.2	-	-	58.5	10.2	15.3	149.8	88.4	84.8	92.0
10	YORK	YLAA0065HE	65	SCROLL	62.3	219.1	-	-	-	10.4	15.6	100.2	88.0	94.2	61.2
11	MCQUAY	AGZ070C	70	SCROLL	63.6	223.7	73.5	6.0	79.5	9.6	14.5	94.4	88.0	100.4	57.7
12	YORK	YCAL0066EE	66	SCROLL	66.1	232.5	72.4	6.7	79.1	10.1	15.1	153.6	90.6	62.6	96.6
13	CARRIER	30RB070	70	SCROLL	66.5	233.9	73.1	10.3	83.4	9.6	13.4	95.0	88.8	90.4	58.6
14	TRANE	CGAM070	70	SCROLL	67.7	238.1	-	-	70.8	10.1	15.6	149.8	88.4	84.8	92.0
15	CARRIER	30RAP070	70	SCROLL	68.9	242.3	75.1	6.4	81.5	10.2	15.2	151.0	88.0	78.0	92.3
16	YORK	YLAA0070SE	70	SCROLL	71.0	249.7	-	-	-	10.4	16.1	116.1	88.0	94.2	71.0
17	MCQUAY	AGZ075C	75	SCROLL	71.6	251.8	79.6	9.0	88.6	9.7	14.3	134.9	88.0	100.4	82.4
18	YORK	YLAA0070SE	70	SCROLL	71.8	252.5	78.1	6.7	84.8	10.2	15.9	116.1	88.0	94.2	71.0
19	YORK	YLAA0070SE	70	SCROLL	71.8	252.5	78.1	6.7	84.8	10.2	16.0	116.1	88.0	94.2	71.0
20	CARRIER	30XA	80	SCREW	75.4	265.2	83.7	7.8	91.5	9.9	14.2	142.0	89.0	91.0	87.8
21	CARRIER	30XA: Al-Cu	80	SCREW	75.6	265.9	-	-	91.6	9.9	14.2	142.0	88.8	90.4	87.5
22	CARRIER	30XA: MCHX	80	SCREW	75.8	266.6	-	-	90.1	10.1	14.4	142.0	88.8	90.4	87.5
23	CARRIER	30XA: MCHX80	80	SCROLL	75.8	266.6	-	-	90.1	10.1	14.5	142.0	88.8	90.6	87.5
24	CARRIER	30RB080	80	SCROLL	76.0	267.3	85.0	10.3	95.3	9.6	14.2	95.0	88.8	90.4	58.6
25	CARRIER GS	30RB080	80	SCROLL	76.0	267.3	-	-	-	9.8	15.8	95.0	88.8	90.4	58.6
26	CARRIER	30RAP080	80	SCROLL	77.4	272.2	82.3	7.6	89.9	10.3	15.5	151.0	88.0	78.0	92.3
27	YORK	YLAA0080SE	80	SCROLL	77.7	273.3	87.7	6.7	94.4	9.9	15.3	116.1	88.0	94.2	71.0
28	YORK	YLAA0080SE	80	SCROLL	77.7	273.3	87.6	6.7	94.3	9.9	15.4	116.1	88.0	94.2	71.0
29	YORK	YLAA0080SE	80	SCROLL	77.8	273.6	-	-	-	10.0	15.6	116.1	88.0	94.2	71.0
30	TRANE	CGAM080	80	SCROLL	78.2	275.0	-	-	79.3	10.4	15.6	143.1	88.9	92.6	88.3
31	YORK	YLAA0081HE	81	SCROLL	78.8	277.1	-	-	-	10.4	16.1	100.2	88.0	94.2	61.2
32	MCQUAY	AGZ080C	80	SCROLL	79.5	279.6	90.4	9.0	99.4	9.6	14.2	134.9	88.0	100.4	82.4
33	YORK	YLAA0089SE	89	SCROLL	81.8	287.7	-	-	-	9.8	15.7	116.1	88.0	94.2	71.0
34	YORK	YLAA0090SE	90	SCROLL	83.9	295.1	96.6	6.7	103.3	9.7	15.5	116.1	88.0	94.2	71.0
35	CARRIER	30RAP090	90	SCROLL	84.0	295.4	90.2	7.6	97.8	10.3	15.9	151.0	88.0	78.0	92.3
36	CARRIER	30XA	90	SCREW	84.4	296.8	84.6	10.4	95.0	10.7	14.5	189.0	89.0	91.0	116.8
37	CARRIER	30XA: Al-Cu	90	SCREW	84.8	298.2	-	-	95.1	10.7	14.5	189.0	88.8	90.4	116.5
38	CARRIER	30XA: MCHX	90	SCREW	85.2	299.6	-	-	93.4	10.9	14.8	189.0	88.8	90.4	116.5
39	CARRIER	30XA: MCHX90	90	SCROLL	85.2	299.6	-	-	93.4	10.9	14.8	189.0	88.8	90.6	116.5
40	YORK	YLAA0092HE	92	SCROLL	85.7	301.4	-	-	-	11.0	16.1	142.7	88.0	94.2	87.2
41	YORK	YLAA0090SE	90	SCROLL	85.8	301.8	97.3	6.7	104.0	9.9	15.5	116.1	88.0	94.2	71.0
42	CARRIER	30RB090	90	SCROLL	86.4	303.9	91.1	15.5	106.6	9.7	13.4	142.0	88.8	90.4	87.6
43	CARRIER GS	30RB090	90	SCROLL	86.6	304.6	-	-	-	10.3	16.0	142.0	88.8	90.4	87.6
44	TRANE	CGAM090	90	SCROLL	87.4	307.4	-	-	90.8	10.2	15.8	143.1	88.9	92.6	88.3
45	MCQUAY	AGZ090C	90	SCROLL	88.1	309.8	101.1	9.0	110.1	9.6	14.2	134.9	88.0	100.4	82.4
46	YORK	YLAA0091HE	91	SCROLL	88.2	310.2	88.2	10.1	98.3	10.8	14.9	142.7	88.0	94.2	87.2
47	YORK	YLAA0091HE	91	SCROLL	88.2	310.2	88.2	10.1	98.3	10.8	15.0	142.7	88.0	94.2	87.2
48	CARRIER GS	30RB100	100	SCROLL	92.8	326.4	-	-	-	10.2	15.9	142.0	88.8	90.4	87.6
49	CARRIER	30XA: Al-Cu	100	SCREW	93.9	330.2	-	-	107.8	10.5	14.9	189.0	88.8	90.4	116.5
50	CARRIER	30XA	100	SCREW	94.3	331.7	97.7	10.4	108.1	10.5	14.8	189.0	89.0	91.0	116.8
51	CARRIER	30XA: MCHX	100	SCREW	94.4	332.0	-	-	105.7	10.7	15.2	189.0	88.8	90.4	116.5
52	CARRIER	30XA: MCHX100	100	SCROLL	94.4	332.0	-	-	105.7	10.7	15.3	189.0	88.8	90.6	116.5
53	YORK	YLAA0100SE	100	SCROLL	95.6	336.2	-	-	-	9.6	14.5	142.7	88.0	94.2	87.2
54	CARRIER	30RB100	100	SCROLL	95.7	336.6	104.0	15.5	119.5	9.6	13.6	142.0	88.8	90.4	87.6
55	YORK	YLAA0100SE	100	SCROLL	95.8	336.9	110.7	8.4	119.1	9.6	14.3	142.7	88.0	94.2	87.2
56	YORK	YLAA0100SE	100	SCROLL	95.8	336.9	110.6	8.4	119.0	9.7	14.3	142.7	88.0	94.2	87.2
57	YORK	YLAA0101HE	101	SCROLL	98.3	345.7	-	-	-	10.1	15.7	142.7	88.0	94.2	87.2
58	YORK	YLAA0101HE	101	SCROLL	98.5	346.4	106.1	10.1	116.2	10.2	15.4	142.7	88.0	94.2	87.2
59	YORK	YLAA0101HE	101	SCROLL	98.5	346.4	106.0	10.1	116.1	10.2	15.4	142.7	88.0	94.2	87.2
60	CARRIER	30RAP100	100	SCROLL	98.7	347.1	108.6	8.9	117.5	10.2	15.5	191.0	88.0	78.0	116.7
61	TRANE	CGAM100	100	SCROLL	98.9	347.8	-	-	99.2	10.4	15.4	165.9	88.9	92.5	102.4
62	MCQUAY	AGZ100C	100	SCROLL	99.8	351.0	115.8	9.0	124.8	9.6	14.2	134.9	88.0	100.4	82.4

AIR-COOLED CHILLERS 50 TO 100 TONS (continued)

	OPERATING WEIGHT (lbs)	REFRIGERANT			COMPR #	CONDENSER COILS			CONDENSER FANS			SOUND			AMBIENT	
		Circuit #	Type	Chrg Wt (lbs)		SQ FT	FPI	Rows	#	RPM	Air Flow CFM	Power Lwa	Pressure		Std °F	Opt °F
												dBa	Dist (ft)			
1	3555	2	R-410A	104	91	-	-	-	-	-	-	91	64.00	30.00	-	-
2	2369	2	R-410A	34	-	-	-	-	-	-	-	-	-	-	-	-
3	3760	2	R-410A	108	91	-	-	-	-	-	-	91	64.00	30.00	-	-
4	2375	2	R-410A	35	-	-	-	-	-	-	-	-	-	-	-	-
5	3245	2	R-410A	100	-	-	-	-	-	-	-	-	-	-	-	-
6	3552	2	R-410A	-	-	-	-	-	-	-	-	-	-	-	-	-
7	3783	2	R-410A	130	-	-	-	-	-	-	-	-	-	-	-	-
8	3795	2	R-410A	116	92	-	-	-	-	-	-	92	64.00	30.00	-	-
9	4687	2	R-410A	96	-	-	-	-	-	-	-	-	-	-	-	-
10	3748	2	R-410A	-	-	-	-	-	-	-	-	-	-	-	-	-
11	4205	2	R-410A	120	92	-	-	-	-	-	-	92	65.00	30.00	-	-
12	4142	2	R-410A	130	-	-	-	-	-	-	-	-	-	-	-	-
13	3978	2	R-410A	153	-	-	-	-	-	-	-	-	-	-	-	-
14	4770	2	R-410A	96	-	-	-	-	-	-	-	-	-	-	-	-
15	3410	2	R-410A	61	-	-	-	-	-	-	-	-	-	-	-	-
16	3623	2	R-410A	101	-	-	-	-	-	-	-	-	-	-	-	-
17	5510	2	R-410A	150	92	-	-	-	-	-	-	92	65.00	30.00	-	-
18	4450	2	R-410A	101	-	-	-	-	-	-	-	-	-	-	-	-
19	3623	2	R-410A	101	-	-	-	-	-	-	-	-	-	-	-	-
20	7674	2	R134a	174	2	141.0	-	6	850	55800	-	-	-	-	32	-20
21	7674	2	R-134a	220	2	141.0	-	6	850	55800	-	-	-	-	32	-20
22	7234	2	R-134a	196	2	141.0	-	6	850	55800	-	-	-	-	32	-20
23	7234	2	R-134a	196	-	-	-	-	-	-	-	-	-	-	-	-
24	4267	2	R-410A	137	-	-	-	-	-	-	-	-	-	-	-	-
25	4267	2	R-410A	137	-	-	-	-	-	-	-	-	-	-	-	-
26	3641	2	R-410A	70	-	-	-	-	-	-	-	-	-	-	-	-
27	4948	2	R-410A	106	-	-	-	-	-	-	-	-	-	-	-	-
28	3954	2	R-410A	106	-	-	-	-	-	-	-	-	-	-	-	-
29	3954	2	R-410A	106	-	-	-	-	-	-	-	-	-	-	-	-
30	5483	2	R-410A	148	-	-	-	-	-	-	-	-	-	-	-	-
31	4145	2	R-410A	-	-	-	-	-	-	-	-	-	-	-	-	-
32	5600	2	R-410A	160	93	-	-	-	-	-	-	93	66.00	30.00	-	-
33	4241	2	R-410A	114	-	-	-	-	-	-	-	-	-	-	-	-
34	4241	2	R-410A	114	-	-	-	-	-	-	-	-	-	-	-	-
35	3697	2	R-410A	71	-	-	-	-	-	-	-	-	-	-	-	-
36	8704	2	R134a	194	2	188.0	-	8	850	74400	-	-	-	-	32	-20
37	9959	2	R-134a	220	2	188.0	-	8	850	74400	-	-	-	-	32	-20
38	9382	2	R-134a	188	2	188.0	-	8	850	74400	-	-	-	-	32	-20
39	9382	2	R-134a	188	-	-	-	-	-	-	-	-	-	-	-	-
40	4791	2	R-410A	114	-	-	-	-	-	-	-	-	-	-	-	-
41	5435	2	R-410A	114	-	-	-	-	-	-	-	-	-	-	-	-
42	5449	2	R-410A	172	-	-	-	-	-	-	-	-	-	-	-	-
43	5449	2	R-410A	172	-	-	-	-	-	-	-	-	-	-	-	-
44	5757	2	R-410A	148	-	-	-	-	-	-	-	-	-	-	-	-
45	5710	2	R-410A	172	93	-	-	-	-	-	-	93	66.00	30.00	-	-
46	5762	2	R-410A	114	-	-	-	-	-	-	-	-	-	-	-	-
47	4791	2	R-410A	114	-	-	-	-	-	-	-	-	-	-	-	-
48	5663	2	R-410A	192	-	-	-	-	-	-	-	-	-	-	-	-
49	10186	2	R-134a	240	2	188.0	-	8	850	74400	-	-	-	-	32	-20
50	8931	2	R134a	216	2	188.0	-	8	850	74400	-	-	-	-	32	-20
51	9603	2	R-134a	192	2	188.0	-	8	850	74400	-	-	-	-	32	-20
52	9603	2	R-134a	192	-	-	-	-	-	-	-	-	-	-	-	-
53	4864	2	R-410A	113	-	-	-	-	-	-	-	-	-	-	-	-
54	5663	2	R-410A	192	-	-	-	-	-	-	-	-	-	-	-	-
55	5835	2	R-410A	113	-	-	-	-	-	-	-	-	-	-	-	-
56	4864	2	R-410A	113	-	-	-	-	-	-	-	-	-	-	-	-
57	5026	2	R-410A	126	-	-	-	-	-	-	-	-	-	-	-	-
58	5997	2	R-410A	126	-	-	-	-	-	-	-	-	-	-	-	-
59	5026	2	R-410A	126	-	-	-	-	-	-	-	-	-	-	-	-
60	4690	2	R-410A	86	-	-	-	-	-	-	-	-	-	-	-	-
61	6420	2	R-410A	164	-	-	-	-	-	-	-	-	-	-	-	-
62	5815	2	R-410A	176	94	-	-	-	-	-	-	94	67.00	30.00	-	-

AIR-COOLED CHILLERS 50 TO 100 TONS (continued)

	EVAPORATOR			ELECTRICAL DATA (460/3/60)						
	Type	DWP Ref PSIG	DWP Wtr PSIG	Starter Type	Unit MCA (single pt.)	Across-Line LRA (compr.)	Fuse/CB Amps		Lugs	
							Rec./Min.	Max.	Per Phase	Range
1	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-
20	FLD	220	300	ACL	157.7	550.1	175	200	1	4-500
21	FLD	220	300	-	157.7	-	-	-	-	-
22	FLD	220	300	-	157.7	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-
32	-	-	-	-	-	-	-	-	-	-
33	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-
36	FLD	220	300	ACL	167	557.6	200	225	1	4-500
37	FLD	220	300	-	167	-	-	-	-	-
38	FLD	220	300	-	167	-	-	-	-	-
39	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
41	-	-	-	-	-	-	-	-	-	-
42	-	-	-	-	-	-	-	-	-	-
43	-	-	-	-	-	-	-	-	-	-
44	-	-	-	-	-	-	-	-	-	-
45	-	-	-	-	-	-	-	-	-	-
46	-	-	-	-	-	-	-	-	-	-
47	-	-	-	-	-	-	-	-	-	-
48	-	-	-	-	-	-	-	-	-	-
49	FLD	220	300	-	182.3	-	-	-	-	-
50	FLD	220	300	ACL	182.3	684.4	200	250	1	4-500
51	FLD	220	300	-	182.3	-	-	-	-	-
52	-	-	-	-	-	-	-	-	-	-
53	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-
57	-	-	-	-	-	-	-	-	-	-
58	-	-	-	-	-	-	-	-	-	-
59	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-
61	-	-	-	-	-	-	-	-	-	-
62	-	-	-	-	-	-	-	-	-	-

AIR-COOLED CHILLERS 100 TO 150 TONS

	MFG	MODEL	SIZE	COMPRESSOR TYPE	95°/44° 60HZ					UNIT EFFICIENCY		DIMENSIONS			
					Capacity Tons	Capacity kW	Input Power (kW)			EER	IPLV	(Inches)			SQ FT
							Compr	Fans	Total			L	W	H	
1	CARRIER	30XA	110	SCREW	102.4	360.1	108.3	10.3	118.6	10.4	15.1	189.0	89.0	91.0	116.8
2	CARRIER	30XA: AI-Cu	110	SCREW	102.4	360.1	-	-	118.6	10.4	15.2	189.0	88.8	90.4	116.5
3	CARRIER	30XA: MCHX	110	SCREW	103.0	362.3	-	-	116.4	10.6	15.4	189.0	88.8	90.4	116.5
4	CARRIER	30XA: MCHX110	110	SCROLL	103.0	362.3	-	-	116.4	10.6	15.4	189.0	88.8	90.6	116.5
5	MCQUAY	AGZ110C	110	SCROLL	104.2	366.5	118.3	12.0	130.3	9.6	14.2	173.1	88.0	100.4	105.8
6	CARRIER	30RB110	110	SCROLL	105.5	371.0	116.6	15.5	132.1	9.6	13.7	142.0	88.8	90.4	87.6
7	CARRIER GS	30RB110	110	SCROLL	106.0	372.8	-	-	-	10.1	16.7	142.0	88.8	90.4	87.6
8	TRANE	CGAM110	110	SCROLL	107.1	376.7	-	-	112.0	10.0	15.3	165.9	88.9	92.5	102.4
9	CARRIER	30XA	120	SCREW	110.7	389.3	119.1	10.4	129.5	10.3	15.1	189.0	89.0	91.0	116.8
10	CARRIER	30XA: AI-Cu	120	SCREW	110.7	389.3	-	-	129.5	10.3	15.1	189.0	88.8	90.4	116.5
11	CARRIER	30XA: MCHX	120	SCREW	111.4	391.8	-	-	127.2	10.5	15.4	189.0	88.8	90.4	116.5
12	CARRIER	30XA: MCHX120	120	SCROLL	111.4	391.8	-	-	127.2	10.5	15.5	189.0	88.8	90.6	116.5
13	CARRIER	30RAP115	115	SCROLL	111.8	393.2	120.0	10.2	130.2	10.3	15.6	191.0	88.0	78.0	116.7
14	YORK	YLA0115SE	115	SCROLL	113.9	400.6	131.1	10.1	141.2	9.7	14.6	142.7	88.0	94.2	87.2
15	YORK	YLA0115SE	115	SCROLL	113.9	400.6	131.1	10.1	141.2	9.7	14.6	142.7	88.0	94.2	87.2
16	MCQUAY	AGZ125C	120	SCROLL	114.3	402.0	130.9	12.0	142.9	9.6	14.4	173.1	88.0	100.4	105.8
17	TRANE	CGAM120	120	SCROLL	115.8	407.3	-	-	124.6	9.8	15.4	165.9	88.9	92.5	102.4
18	YORK	YLA0125HE	125	SCROLL	116.0	408.0	1112.0	-	-	10.3	15.7	187.7	88.0	94.2	114.7
19	YORK	YLA0125HE	125	SCROLL	116.0	408.0	1112.0	-	-	10.3	15.7	187.7	88.0	94.2	114.7
20	YORK	YLA0125HE	125	SCROLL	117.0	411.5	120.6	13.4	134.0	10.5	14.9	187.7	88.0	94.2	114.7
21	CARRIER GS	30RB120	120	SCROLL	118.0	415.0	-	-	-	10.3	16.9	189.0	88.8	90.4	116.6
22	YORK	YLA0120SE	120	SCROLL	118.1	415.4	-	-	-	9.8	15.0	142.7	88.0	94.2	87.2
23	CARRIER	30RB120	120	SCROLL	118.4	416.4	129.5	18.1	147.6	9.6	13.7	189.0	88.8	90.4	116.6
24	YORK	YLA0120SE	120	SCROLL	119.6	420.6	133.2	10.1	143.3	10.0	14.8	142.7	88.0	94.2	87.2
25	YORK	YLA0120SE	120	SCROLL	119.7	421.0	133.2	10.1	143.3	10.0	14.8	142.7	88.0	94.2	87.2
26	MCQUAY	AGZ130C	130	SCROLL	124.7	438.6	143.9	12.0	155.9	9.6	14.6	173.1	88.0	100.4	105.8
27	YORK	YLA0136SE	136	SCROLL	126.1	443.5	142.6	-	-	9.7	15.8	187.7	88.0	94.2	114.7
28	YORK	YLA0136SE	136	SCROLL	126.1	443.5	142.6	-	-	9.6	15.7	187.7	88.0	94.2	114.7
29	TRANE	CGAM130	130	SCROLL	126.1	443.5	-	-	128.0	10.3	16.6	201.9	88.9	92.5	124.6
30	CARRIER	30RAP130	130	SCROLL	127.0	446.7	140.5	11.4	151.9	10.1	15.3	232.0	88.0	78.0	141.8
31	CARRIER	30RB130	130	SCROLL	127.3	447.7	137.5	20.6	158.1	9.7	13.6	189.0	88.8	90.4	116.6
32	YORK	YLA0135SE	135	SCROLL	127.3	447.7	141.1	13.4	154.5	9.9	15.4	187.7	88.0	94.2	114.7
33	CARRIER GS	30RB130	130	SCROLL	127.4	448.1	-	-	-	10.2	16.8	189.0	88.8	90.4	116.6
34	YORK	YLA0142HE	142	SCROLL	129.5	455.5	138.9	-	-	10.2	15.9	187.7	88.0	94.2	114.7
35	YORK	YLA0142HE	142	SCROLL	129.5	455.5	138.9	-	-	10.2	15.9	187.7	88.0	94.2	114.7
36	YORK	YLA0141HE	141	SCROLL	131.1	461.1	139.0	13.4	152.4	10.3	15.0	187.7	88.0	94.2	114.7
37	CARRIER	30XA: AI-Cu	140	SCREW	132.8	467.1	-	-	148.7	10.7	14.4	236.0	88.8	90.4	145.5
38	CARRIER	30XA	140	SCREW	132.9	467.4	135.6	13.1	148.7	10.7	14.3	236.0	89.0	91.0	145.9
39	CARRIER	30XA: MCHX	140	SCREW	133.4	469.2	-	-	146.4	10.9	14.7	236.0	88.8	90.4	145.5
40	CARRIER	30XA: MCHX140	140	SCROLL	133.4	469.2	-	-	146.4	10.9	14.7	236.0	88.8	90.6	145.5
41	MCQUAY	AGZ140C	140	SCROLL	133.7	470.2	147.1	15.0	162.1	9.9	14.7	218.6	88.0	100.4	133.6
42	TRANE	RTAC	140 S	SCREW	138.2	486.0	158.6	12.0	170.6	9.7	13.5	195.0	88.3	93.3	119.5
43	TRANE	RTAC 140 STD	140	SCREW	138.3	486.4	157.1	1.1	158.6	9.7	13.6	196.1	88.3	93.3	120.2
44	TRANE	RTAC-140 SE	140	SCROLL	138.8	488.2	-	-	-	9.7	13.6	187.3	88.3	93.5	114.8
45	CARRIER	30RAP150	150	SCROLL	139.7	491.3	157.9	12.7	170.6	9.8	15.0	232.0	88.0	78.0	141.8
46	CARRIER GS	30RB150	150	SCROLL	140.0	492.4	-	-	-	10.1	16.8	189.0	88.8	90.4	116.6
47	YORK	YLA0150SE	150	SCROLL	140.4	493.8	161.3	13.4	174.7	9.6	15.2	187.7	88.0	94.2	114.7
48	TRANE	RTAC 140 HIGH	140	SCREW	142.0	499.4	150.4	1.1	151.9	10.2	13.8	196.1	88.3	93.3	120.2
49	TRANE	RTAC-140 HE	140	SCROLL	142.0	499.4	-	-	-	10.2	13.8	187.8	88.3	93.5	115.1
50	YORK	YLA0155SE	155	SCROLL	143.0	502.9	165.0	-	-	9.8	15.9	187.7	88.0	94.2	114.7
51	YORK	YLA0155SE	155	SCROLL	143.0	502.9	165.0	-	-	9.8	15.9	187.7	88.0	94.2	114.7
52	YORK	YLA0155SE	155	SCROLL	143.3	504.0	162.5	13.4	175.9	9.8	15.1	187.7	88.0	94.2	114.7
53	TRANE	RTAC	140 H	SCREW	143.9	506.1	151.9	15.0	166.9	10.3	14.0	195.0	88.3	93.3	119.5
54	CARRIER	30RB150	150	SCROLL	144.4	507.9	158.4	20.6	179.0	9.7	13.8	189.0	88.8	90.4	116.6
55	YORK	YLA0156HE	156	SCROLL	144.5	508.2	153.0	-	-	10.2	15.5	232.7	88.0	94.2	142.2
56	YORK	YLA0156HE	156	SCROLL	144.5	508.2	153.0	-	-	10.2	15.5	232.7	88.0	94.2	142.2
57	YORK	YLA0156HE	156	SCROLL	145.5	511.7	150.3	16.8	167.1	10.4	15.5	232.7	88.0	94.2	142.2
58	TRANE	RTAC 140 EXTRA HIGH	140	SCREW	147.5	518.8	145.6	1.1	159.0	10.8	14.3	231.6	88.3	93.3	142.0
59	TRANE	RTAC-140 PE	140	SCROLL	147.5	518.8	-	-	-	10.8	14.3	223.3	88.3	93.5	136.8

AIR-COOLED CHILLERS 100 TO 150 TONS (continued)

	OPERATING WEIGHT (lbs)	REFRIGERANT			COMPR #	CONDENSER COILS			CONDENSER FANS			SOUND			AMBIENT	
		Circuit #	Type	Chrg Wt (lbs)		SQ FT	FPI	Rows	#	RPM	Air Flow CFM	Power Lwa	Pressure		Std °F	Opt °F
												dBa	Dist (ft)			
1	9071	2	R134a	243	2	188.0	-	-	8	850	74400	-	-	-	32	-20
2	10326	2	R-134a	255	2	188.0	-	-	8	850	74400	-	-	-	32	-20
3	9738	2	R-134a	196	2	188.0	-	-	8	850	74400	-	-	-	32	-20
4	9738	2	R-134a	196	-	-	-	-	-	-	-	-	-	-	-	-
5	7270	2	R-410A	204	94	-	-	-	-	-	-	94	67.00	30.00	-	-
6	6027	2	R-410A	202	-	-	-	-	-	-	-	-	-	-	-	-
7	6027	2	R-410A	202	-	-	-	-	-	-	-	-	-	-	-	-
8	6457	2	R-410A	172	-	-	-	-	-	-	-	-	-	-	-	-
9	9216	2	R134a	270	2	188.0	-	-	8	850	74400	-	-	-	32	-20
10	10471	2	R-134a	270	2	188.0	-	-	8	850	74400	-	-	-	32	-20
11	9877	2	R-134a	200	2	188.0	-	-	8	850	74400	-	-	-	32	-20
12	9877	2	R-134a	200	-	-	-	-	-	-	-	-	-	-	-	-
13	5008	2	R-410A	101	-	-	-	-	-	-	-	-	-	-	-	-
14	6072	2	R-410A	120	-	-	-	-	-	-	-	-	-	-	-	-
15	5101	2	R-410A	120	-	-	-	-	-	-	-	-	-	-	-	-
16	7500	2	R-410A	230	95	-	-	-	-	-	-	95	68.00	30.00	-	-
17	6457	2	R-410A	172	-	-	-	-	-	-	-	-	-	-	-	-
18	5942	2	R-410A	146	-	-	-	-	-	-	-	-	-	-	-	-
19	5942	2	R-410A	146	-	-	-	-	-	-	-	-	-	-	-	-
20	6913	2	R-410A	146	-	-	-	-	-	-	-	-	-	-	-	-
21	7119	2	R-410A	229	-	-	-	-	-	-	-	-	-	-	-	-
22	5293	2	R-410A	127	-	-	-	-	-	-	-	-	-	-	-	-
23	7119	2	R-410A	229	-	-	-	-	-	-	-	-	-	-	-	-
24	5293	2	R-410A	127	-	-	-	-	-	-	-	-	-	-	-	-
25	6473	2	R-410A	127	-	-	-	-	-	-	-	-	-	-	-	-
26	7665	2	R-410A	230	95	-	-	-	-	-	-	95	68.00	30.00	-	-
27	6232	2	R-410A	146	-	-	-	-	-	-	-	-	-	-	-	-
28	6232	2	R-410A	146	-	-	-	-	-	-	-	-	-	-	-	-
29	7618	2	R-410A	224	-	-	-	-	-	-	-	-	-	-	-	-
30	6451	2	R-410A	110	-	-	-	-	-	-	-	-	-	-	-	-
31	7402	2	R-410A	239	-	-	-	-	-	-	-	-	-	-	-	-
32	7260	2	R-410A	152	-	-	-	-	-	-	-	-	-	-	-	-
33	7402	2	R-410A	239	-	-	-	-	-	-	-	-	-	-	-	-
34	6369	2	R-410A	156	-	-	-	-	-	-	-	-	-	-	-	-
35	6369	2	R-410A	156	-	-	-	-	-	-	-	-	-	-	-	-
36	7549	2	R-410A	156	-	-	-	-	-	-	-	-	-	-	-	-
37	12760	2	R-134a	323	2	234.0	-	-	10	850	93000	-	-	-	32	-20
38	11505	2	R134a	317	2	234.0	-	-	10	850	93000	-	-	-	32	-20
39	12023	2	R-134a	232	2	234.0	-	-	10	850	93000	-	-	-	32	-20
40	12023	2	R-134a	232	-	-	-	-	-	-	-	-	-	-	-	-
41	9530	2	R-410A	250	96	-	-	-	-	-	-	96	69.00	30.00	-	-
42	10752	2	R134A	330	2	182.0	16	3	8	1140	77000	100	72.76	30.00	25	0
43	13569	2	HFC-134a	330	2	182.0	16	3	8	1140	77000	-	-	-	25	0
44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45	6938	2	R-410A	120	-	-	-	-	-	-	-	-	-	-	-	-
46	8517	2	R-410A	266	-	-	-	-	-	-	-	-	-	-	-	-
47	7415	2	R-410A	154	-	-	-	-	-	-	-	-	-	-	-	-
48	13631	2	HFC-134a	350	2	210.0	16	3	10	1140	91993	-	-	-	25	0
49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	6524	2	R-410A	145	-	-	-	-	-	-	-	-	-	-	-	-
51	6524	2	R-410A	145	-	-	-	-	-	-	-	-	-	-	-	-
52	7705	2	R-410A	159	-	-	-	-	-	-	-	-	-	-	-	-
53	11057	2	R134A	350	2	210.0	16	3	10	1140	91993	101	73.76	30.00	25	0
54	8517	2	R-410A	266	-	-	-	-	-	-	-	-	-	-	-	-
55	7428	2	R-410A	172	-	-	-	-	-	-	-	-	-	-	-	-
56	7428	2	R-410A	172	-	-	-	-	-	-	-	-	-	-	-	-
57	8039	2	R-410A	172	-	-	-	-	-	-	-	-	-	-	-	-
58	12557	2	HFC-134a	-	2	-	-	-	12	-	-	-	-	-	-	-
59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

AIR-COOLED CHILLERS 10 TO 150 TONS (continued)

	EVAPORATOR			ELECTRICAL DATA (460/3/60)						
	Type	DWP Ref PSIG	DWP Wtr PSIG	Starter Type	Unit MCA (single pt.)	Across-Line LRA (compr.)	Fuse/CB Amps		Lugs	
							Rec./Min.	Max.	Per Phase	Range
1	FLD	220	300	ACL	202.4	684.4	225	250	1	4-500
2	FLD	220	300	-	202.4	-	-	-	-	-
3	FLD	220	300	-	202.4	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-
9	FLD	220	300	ACL	218.4	700.4	250	300	1	4-500
10	FLD	220	300	-	218.4	-	-	-	-	-
11	FLD	220	300	-	218.4	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-
32	-	-	-	-	-	-	-	-	-	-
33	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-
36	-	-	-	-	-	-	-	-	-	-
37	FLD	220	300	-	267.3	-	-	-	-	-
38	FLD	220	300	ACL	267.3	1040.4	350	400	1	4-500
39	FLD	220	300	-	267.3	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
41	-	-	-	-	-	-	-	-	-	-
42	FLD	200	150	ACL	288	652/652	350	400	2	500
43	FF	200	150	-	288	-	-	-	-	-
44	-	-	-	-	-	-	-	-	-	-
45	-	-	-	-	-	-	-	-	-	-
46	-	-	-	-	-	-	-	-	-	-
47	-	-	-	-	-	-	-	-	-	-
48	FF	200	150	-	282	-	-	-	-	-
49	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
51	-	-	-	-	-	-	-	-	-	-
52	-	-	-	-	-	-	-	-	-	-
53	FLD	200	150	ACL	282	652/652	350	350	2 or 1	1/0 - 250 or 750
54	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-
57	-	-	-	-	-	-	-	-	-	-
58	-	-	-	-	-	-	-	-	-	-
59	-	-	-	-	-	-	-	-	-	-

AIR-COOLED CHILLERS 150 TO 200 TONS

	MFG	MODEL	SIZE	COMPRESSOR TYPE	95°/44° 60HZ					UNIT EFFICIENCY		DIMENSIONS			
					Capacity Tons	Capacity kW	Input Power (kW)			EER	IPLV	(Inches)			SQ FT
							Compr	Fans	Total			L	W	H	
1	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
2	MCQUAY	AGZ160C	160	SCROLL	151.5	532.8	172.4	15.0	187.4	9.7	14.6	218.6	88.0	100.4	133.6
3	TRANE	RTAC	155 S	SCREW	151.9	534.2	172.6	13.5	186.1	9.8	13.6	195.0	88.3	93.3	119.5
4	TRANE	RTAC 155 STD	155	SCREW	151.9	534.2	171.1	1.1	172.6	9.8	14.0	196.1	88.3	93.3	120.2
5	TRANE	RTAC-155 SE	155	SCROLL	151.9	534.2	-	-	-	9.8	14.0	187.3	88.3	93.5	114.8
6	CARRIER	30XA: AI-Cu	160	SCREW	152.3	535.6	-	-	173.0	10.6	14.8	236.0	88.8	90.4	145.5
7	CARRIER	30XA	160	SCREW	152.6	536.7	160.0	13.2	173.2	10.6	14.4	236.0	89.0	91.0	145.9
8	CARRIER GS	30RB160	160	SCROLL	152.8	537.4	-	-	-	10.3	17.0	236.0	88.8	90.4	145.5
9	CARRIER	30RB160	160	SCROLL	153.0	538.1	162.8	25.8	188.6	9.7	13.4	236.0	88.8	90.4	145.5
10	CARRIER	30XA: MCHX	160	SCREW	153.1	538.5	-	-	170.1	10.8	15.0	236.0	88.8	90.4	145.5
11	CARRIER	30XA: MCHX160	160	SCROLL	153.1	538.5	-	-	170.1	10.8	15.0	236.0	88.8	90.6	145.5
12	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
13	TRANE	RTAC	155 H	SCREW	157.1	552.5	164.9	16.5	181.4	10.4	14.1	230.0	88.0	93.3	140.6
14	TRANE	RTAC 155 HIGH	155	SCREW	157.3	553.2	163.4	1.1	164.9	10.4	14.5	231.6	88.3	93.3	142.0
15	TRANE	RTAC-155 HE	155	SCROLL	157.3	553.2	-	-	-	10.4	14.5	223.3	88.3	93.5	136.8
16	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
17	TRANE	RTAC 155 EXTRA HIGH	155	SCREW	162.4	571.2	158.2	1.1	172.8	10.9	14.9	268.0	88.3	93.3	164.2
18	TRANE	RTAC-155 PE	155	SCROLL	162.4	571.2	-	-	-	10.9	14.9	259.3	88.5	93.5	159.3
19	MCQUAY	AWS170BDS VFD	170	VFD SCREW	162.6	571.9	186.7	10.4	197.1	9.9	17.3	254.0	88.0	100.0	155.2
20	CARRIER GS	30RB170	170	SCROLL	164.0	576.8	-	-	-	10.2	17.1	236.0	88.8	90.4	145.5
21	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
22	TRANE	RTAC 170 STD	170	SCREW	166.1	584.2	185.5	1.1	187.0	9.9	14.0	196.1	88.3	93.3	120.2
23	TRANE	RTAC-170 SE	170	SCROLL	166.1	584.2	-	-	-	9.9	14.0	187.8	88.3	93.5	115.1
24	TRANE	RTAC	170 S	SCREW	166.2	584.5	187.0	15.0	202.0	9.9	13.9	195.0	88.3	93.3	119.5
25	CARRIER	30RB170	170	SCROLL	166.5	585.6	182.4	25.8	208.2	9.6	13.5	236.0	88.8	90.4	145.5
26	YORK	YLA0170SE	170	SCROLL	167.4	588.7	192.1	-	-	9.6	15.6	232.7	88.0	94.2	142.2
27	YORK	YLA0170SE	170	SCROLL	167.4	588.7	192.1	-	-	9.6	15.6	232.7	88.0	94.2	142.2
28	YORK	YLA0170SE	170	SCROLL	167.8	590.2	187.7	16.8	204.5	9.8	15.1	232.7	88.0	94.2	142.2
29	MCQUAY	AGZ180C	180	SCROLL	169.3	595.4	196.6	15.0	211.6	9.6	14.6	218.6	88.0	100.4	133.6
30	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
31	TRANE	RTAC	170 H	SCREW	171.2	602.1	178.3	18.0	196.3	10.5	14.4	230.0	88.3	93.3	141.0
32	CARRIER	30XA	180	SCREW	171.3	602.5	176.3	15.8	192.1	10.7	14.3	283.0	89.0	91.0	174.9
33	CARRIER	30XA: AI-Cu	180	SCREW	171.3	602.5	-	-	192.1	10.7	14.3	283.0	88.8	90.4	174.4
34	TRANE	RTAC 170 HIGH	170	SCREW	171.3	602.5	176.8	1.1	178.3	10.5	14.5	231.6	88.3	93.3	142.0
35	TRANE	RTAC-170 HE	170	SCROLL	171.3	602.5	-	-	-	10.5	14.5	223.3	88.3	93.5	136.8
36	CARRIER	30XA: MCHX	180	SCREW	172.0	604.9	-	-	189.2	10.9	14.5	283.0	88.8	90.4	174.4
37	CARRIER	30XA: MCHX180	180	SCROLL	172.0	604.9	-	-	189.2	10.9	14.5	283.0	88.8	90.6	174.4
38	YORK	YLA0175HE	175	SCROLL	172.5	606.7	194.2	-	-	9.8	15.6	232.7	88.0	94.2	142.2
39	YORK	YLA0175HE	175	SCROLL	172.5	606.7	194.2	-	-	9.8	15.6	232.7	88.0	94.2	142.2
40	YORK	YLA0175HE	175	SCROLL	174.2	612.7	190.0	16.8	206.8	10.1	15.2	232.7	88.0	94.2	142.2
41	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
42	TRANE	RTAC 170 EXTRA HIGH	170	SCREW	178.1	626.4	171.2	1.1	186.9	11.1	14.9	268.0	88.3	93.3	164.2
43	TRANE	RTAC-170 PE	170	SCROLL	178.1	626.4	-	-	-	11.1	14.9	259.3	88.5	93.5	159.3
44	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
45	MCQUAY	AWS190BDS	190	SCREW	180.1	633.4	214.7	10.4	225.1	9.6	13.2	245.0	88.0	100.0	149.7
46	MCQUAY	AGZ190C	190	SCROLL	180.1	633.4	202.5	18.0	220.5	9.6	14.6	256.9	88.0	100.4	157.0
47	TRANE	RTAC	185 S	SCREW	181.2	637.3	207.6	16.5	224.1	9.7	13.7	230.0	88.3	93.3	141.0
48	MCQUAY	AWS190BDS VFD	190	VFD SCREW	181.3	637.6	196.7	12.5	209.2	10.4	17.6	254.0	88.0	100.0	155.2
49	TRANE	RTAC 185 STD	185	SCREW	182.0	640.1	206.1	1.1	207.6	9.8	13.9	231.6	88.3	93.3	142.0
50	TRANE	RTAC-185 SE	185	SCROLL	182.0	640.1	-	-	-	9.8	13.9	223.3	88.3	93.5	136.8
51	TRANE	RTAC-185 HE	185	SCROLL	182.6	642.2	-	-	-	10.4	14.3	259.3	88.5	93.5	159.3
52	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
53	CARRIER GS	30RB190	190	SCROLL	186.1	654.5	-	-	-	10.2	17.1	283.0	88.8	90.4	174.5
54	TRANE	RTAC	185 H	SCREW	187.1	658.0	199.2	19.5	218.7	10.3	14.2	267.0	88.3	93.3	163.6
55	TRANE	RTAC 185 HIGH	185	SCREW	188.2	661.9	197.7	1.1	199.2	10.4	14.3	268.0	88.3	93.3	164.2
56	CARRIER	30RB190	190	SCROLL	188.5	663.0	205.6	31.0	236.6	9.6	13.4	283.0	88.8	90.4	174.5
57	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
58	TRANE	RTAC 185 EXTRA HIGH	185	SCREW	191.5	673.5	192.3	1.1	208.0	10.8	14.8	361.4	88.9	93.3	223.0
59	TRANE	RTAC-185 PE	185	SCROLL	191.5	673.5	-	-	-	10.8	14.8	354.3	89.0	95.5	218.9
60	CARRIER	30XA	200	SCREW	194.0	682.3	201.4	15.8	217.2	10.7	14.8	283.0	89.0	91.0	174.9
61	CARRIER	30XA: AI-Cu	200	SCREW	194.0	682.3	-	-	217.2	10.7	14.8	283.0	88.8	90.4	174.4
62	CARRIER	30XA: MCHX	200	SCREW	194.9	685.5	-	-	213.7	10.9	15.1	283.0	88.8	90.4	174.4
63	CARRIER	30XA: MCHX200	200	SCROLL	194.9	685.5	-	-	213.7	10.9	15.1	283.0	88.8	90.6	174.4
64	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
65	MCQUAY	AWS200BDS VFD	200	VFD SCREW	195.1	686.2	219.3	12.5	231.8	10.1	17.7	254.0	88.0	100.0	155.2
66	CARRIER GS	30RB210	210	SCROLL	195.4	687.2	-	-	-	9.8	16.3	283.0	88.8	90.4	174.5
67	TRANE	RTAC	200 S	SCREW	197.2	693.6	229.2	18.0	247.2	9.6	13.3	230.0	88.3	93.3	141.0
68	TRANE	RTAC 200 STD	200	SCREW	198.9	699.5	227.7	1.1	229.2	9.7	13.6	231.6	88.3	93.3	142.0

AIR-COOLED CHILLERS 150 TO 200 TONS (continued)

	OPERATING WEIGHT (lbs)	REFRIGERANT		COMPR #	CONDENSER COILS			CONDENSER FANS			Power Lwa	SOUND		AMBIENT		
		Circuit #	Type		Chrg Wt (lbs)	SQ FT	FPI	Rows	#	RPM		Air Flow CFM	Pressure dBa	Dist (ft)	Std °F	Opt °F
1																
2	9680	2	R-410A	260	97	-	-	-	-	-	97	70.00	30.00	-	-	
3	10769	2	R134A	340	2	196.0	16	3	9	1140	84542	101	73.76	30.00	25	0
4	13608	2	HFC-134a	340	2	196.0	16	3	9	1140	84542	-	-	-	25	0
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	13003	2	R-134a	384	2	234.0	-	-	10	850	93000	-	-	-	32	-20
7	11748	2	R134A	360	2	234.0	-	-	10	850	93000	-	-	-	32	-20
8	9475	2	R-410A	268	-	-	-	-	-	-	-	-	-	-	-	-
9	9475	2	R-410A	268	-	-	-	-	-	-	-	-	-	-	-	-
10	12255	2	R-134a	235	2	234.0	-	-	10	850	93000	-	-	-	32	-20
11	12255	2	R-134a	235	-	-	-	-	-	-	-	-	-	-	-	-
12	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
13	12332	2	R134A	420	2	231.0	16	3	11	1140	101190	102	74.76	30.00	25	0
14	15752	2	HFC-134a	420	2	231.0	16	3	11	1140	101190	-	-	-	25	0
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
17	14306	2	HFC-134a	-	2	-	-	-	13	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	13660	2	R-134a	290	2	246.2	16	3	10	850	110850	-	-	-	35	0
20	9799	2	R-410A	295	-	-	-	-	-	-	-	-	-	-	-	-
21	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
22	13647	2	HFC-134a	350	2	210.0	16	3	10	1140	92087	-	-	-	25	0
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	10796	2	R134A	350	2	210.0	16	3	10	1140	92087	102	74.76	30.00	25	0
25	9799	2	R-410A	295	-	-	-	-	-	-	-	-	-	-	-	-
26	7818	2	R-410A	177	-	-	-	-	-	-	-	-	-	-	-	-
27	7818	2	R-410A	177	-	-	-	-	-	-	-	-	-	-	-	-
28	8429	2	R-410A	177	-	-	-	-	-	-	-	-	-	-	-	-
29	9830	2	R-410A	260	97	-	-	-	-	-	97	70.00	30.00	-	-	
30	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
31	12418	2	R134A	430	2	252.0	16	3	12	1140	110387	102	74.76	30.00	25	0
32	13590	2	R134A	410	2	281.0	-	-	12	850	111600	-	-	-	32	-20
33	13590	2	R-134a	410	2	281.0	-	-	12	850	111600	-	-	-	32	-20
34	15838	2	HFC-134a	430	2	252.0	16	3	12	1140	110387	-	-	-	25	0
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	12699	2	R-134a	282	2	281.0	-	-	12	850	111600	-	-	-	32	-20
37	12699	2	R-134a	282	-	-	-	-	-	-	-	-	-	-	-	-
38	8001	2	R-410A	186	-	-	-	-	-	-	-	-	-	-	-	-
39	8001	2	R-410A	186	-	-	-	-	-	-	-	-	-	-	-	-
40	8956	2	R-410A	186	-	-	-	-	-	-	-	-	-	-	-	-
41	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
42	14698	2	HFC-134a	-	2	-	-	-	14	-	-	-	-	-	-	-
43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
45	13072	2	R-134a	330	2	295.4	16	3	12	850	133020	-	-	-	35	0
46	11070	2	R-410A	280	97	-	-	-	-	-	97	70.00	30.00	-	-	
47	12391	2	R134A	425	2	231.0	16	3	11	1140	101296	102	74.76	30.00	25	0
48	14944	2	R-134a	330	2	295.4	16	3	12	850	133020	-	-	-	35	0
49	16105	2	HFC-134a	425	2	231.0	16	3	11	1140	101296	-	-	-	25	0
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
53	11064	2	R-410A	324	-	-	-	-	-	-	-	-	-	-	-	-
54	14214	2	R134A	440	2	273.0	16	3	13	1140	119598	103	75.76	30.00	25	0
55	18479	2	HFC-134a	440	2	273.0	16	3	13	1140	119598	-	-	-	25	0
56	11064	2	R-410A	324	-	-	-	-	-	-	-	-	-	-	-	-
57	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
58	16382	2	HFC-134a	-	2	-	-	-	14	-	-	-	-	-	-	-
59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60	13712	2	R134a	450	2	281.0	-	-	12	850	111600	-	-	-	32	-20
61	13712	2	R-134a	450	2	281.0	-	-	12	850	111600	-	-	-	32	-20
62	12810	2	R-134a	322	2	281.0	-	-	12	850	111600	-	-	-	32	-20
63	12810	2	R-134a	322	-	-	-	-	-	-	-	-	-	-	-	-
64	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
65	14971	2	R-134a	330	2	295.4	16	3	12	850	133020	-	-	-	35	0
66	12772	3	R-410A	372	-	-	-	-	-	-	-	-	-	-	-	-
67	12784	2	R134A	430	2	252.0	16	3	12	1140	110506	103	75.76	30.00	25	0
68	16524	2	HFC-134a	430	2	252.0	16	3	12	1140	110506	-	-	-	25	0

AIR-COOLED CHILLERS 150 TO 200 TONS (continued)

	EVAPORATOR			ELECTRICAL DATA (460/3/60)						
	Type	DWP Ref PSIG	DWP Wtr PSIG	Starter Type	Unit MCA (single pt.)	Across-Line LRA (compr.)	Fuse/CB Amps		Lugs	
							Rec./Min.	Max.	Per Phase	Range
1	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-
3	FLD	200	150	ACL	317	774/652	400	450	2	500
4	FF	200	150	-	317	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-
6	FLD	220	300	-	309.7	-	-	-	-	-
7	FLD	220	300	ACL	309.7	1296.4	350	450	1	4-500
8	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-
10	FLD	220	300	-	309.7	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-
12	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
13	FLD	200	150	ACL	310	774/652	350	400	2 or 1	1/0 - 250 or 750
14	FF	200	150	-	310	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-
16	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
17	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-
19	DX	310	137	-	327	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-
21	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
22	FF	200	150	-	341	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-
24	FLD	200	150	ACL	341	774/774	400	450	2	500
25	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-
30	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
31	FLD	200	150	ACL	333	774/774	400	450	2 or 1	1/0 - 250 or 750
32	FLD	220	300	ACL	336.6	1109.6	400	450	1	4-500
33	FLD	220	300	-	336.6	-	-	-	-	-
34	FF	200	150	-	333	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-
36	FLD	220	300	-	336.6	-	-	-	-	-
37	-	-	-	-	-	-	-	-	-	-
38	-	-	-	-	-	-	-	-	-	-
39	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
41	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
42	-	-	-	-	-	-	-	-	-	-
43	-	-	-	-	-	-	-	-	-	-
44	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
45	DX	310	137	-	411	-	-	-	-	-
46	-	-	-	-	-	-	-	-	-	-
47	FLD	200	150	ACL	380	878/774	450	500	2	500
48	DX	310	137	-	370	-	-	-	-	-
49	FF	200	150	-	380	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
51	-	-	-	-	-	-	-	-	-	-
52	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
53	-	-	-	-	-	-	-	-	-	-
54	FLD	200	150	ACL	372	878/774	450	500	2	500
55	FF	200	150	-	372	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-
57	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
58	-	-	-	-	-	-	-	-	-	-
59	-	-	-	-	-	-	-	-	-	-
60	FLD	220	300	ACL	383.9	1370.6	450	500	2	4-500
61	FLD	220	300	-	383.9	-	-	-	-	-
62	FLD	220	300	-	383.9	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-
64	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
65	DX	310	137	-	399	-	-	-	-	-
66	-	-	-	-	-	-	-	-	-	-
67	FLD	200	150	ACL	412	878/878	500	500	2	500
68	FF	200	150	-	412	-	-	-	-	-

AIR-COOLED CHILLERS 200 TO 300 TONS TONS

	MFG	MODEL	SIZE	COMPRESSOR TYPE	95°/44° 60HZ					UNIT EFFICIENCY		DIMENSIONS			SQ FT
					Capacity Tons	Capacity kW	Input Power (kW)			EER	IPLV	(Inches)			
							Compr	Fans	Total			L	W	H	
1	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
2	TRANE	RTAC 200 EXTRA HIGH	200	SCREW	201.0	706.9	213.4	1.1	231.3	10.6	14.1	361.4	88.9	93.3	223.0
3	MCQUAY	AWS210BDS	210	SCREW	201.3	708.0	226.7	12.5	239.2	10.1	13.6	245.0	88.0	100.0	149.7
4	CARRIER	30RB210	210	SCROLL	201.9	710.1	217.6	31.0	248.6	9.7	13.7	283.0	88.8	90.4	174.5
5	TRANE	RTAC	200 H	SCREW	204.1	717.8	221.0	21.0	242.0	10.1	13.9	267.0	88.3	93.3	163.6
6	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
7	MCQUAY	AWS210BDH VFD	210	VFD SCREW	205.2	721.7	244.0	12.5	256.5	9.6	18.0	254.0	88.0	100.0	155.2
8	MCQUAY	AWS210BDH	210	SCREW	205.7	723.4	227.2	12.5	239.7	10.3	14.0	245.0	88.0	100.0	149.7
9	CARRIER GS	30RB225	225	SCROLL	206.1	724.9	-	-	-	9.8	16.4	283.0	88.8	90.4	174.5
10	TRANE	RTAC 200 HIGH	200	SCREW	206.2	725.2	219.5	1.1	221.0	10.3	14.1	268.0	88.3	93.3	164.2
11	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
12	CARRIER	30XA	220	SCREW	211.6	744.2	222.3	17.2	239.5	10.6	14.3	330.0	89.0	91.0	204.0
13	CARRIER	30XA: AI-Cu	220	SCREW	211.7	744.5	-	-	239.6	10.6	14.5	330.0	88.8	90.4	203.4
14	CARRIER	30XA: MCHX	220	SCREW	212.7	748.1	-	-	235.7	10.8	14.7	330.0	88.8	90.4	203.4
15	CARRIER	30RB225	225	SCROLL	214.2	753.3	236.8	31.0	267.8	9.6	13.8	283.0	88.8	90.4	174.5
16	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
17	MCQUAY	AWS225BDS	225	SCREW	216.3	760.7	252.4	12.5	264.9	9.8	13.4	245.0	88.0	100.0	149.7
18	TRANE	RTAC	225 S	SCREW	216.4	761.1	251.2	19.5	270.7	9.6	13.4	267.0	88.3	93.3	163.6
19	TRANE	RTAC 225 STD	225	SCREW	218.6	768.8	249.7	1.1	251.2	9.7	13.9	268.0	88.3	93.3	164.2
20	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
21	TRANE	RTAC 225 HIGH	225	SCREW	223.2	785.0	242.2	1.1	243.7	10.1	14.1	361.4	88.9	93.3	223.0
22	TRANE	RTAC	225 H	SCREW	223.9	787.5	243.7	21.0	264.7	10.2	14.0	360.0	88.9	94.0	222.2
23	MCQUAY	AWS230BDH VFD	230	VFD SCREW	224.8	790.6	255.2	14.6	269.8	10.0	18.1	289.0	88.0	100.0	176.1
24	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
25	MCQUAY	AWS230BDH	230	SCREW	225.2	792.0	238.0	14.6	252.6	10.7	14.0	280.0	88.0	100.0	171.1
26	CARRIER GS	30RB250	250	SCROLL	227.6	800.5	-	-	-	9.8	16.4	330.0	88.8	90.4	203.5
27	CARRIER	30XA: AI-Cu	240	SCREW	228.1	802.2	-	-	264.1	10.4	14.8	330.0	88.8	90.4	203.4
28	CARRIER	30XA	240	SCREW	228.2	802.6	247.0	17.2	264.2	10.4	14.8	330.0	89.0	91.0	204.0
29	CARRIER	30XA: MCHX	240	SCREW	229.2	806.1	-	-	260.1	10.6	15.0	330.0	88.8	90.4	203.4
30	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
31	MCQUAY	AWS240BDP VFD	240	VFD SCREW	232.7	818.4	222.1	16.6	238.7	11.7	18.8	325.0	88.0	100.0	198.6
32	MCQUAY	AWS240BDP	240	SCREW	232.8	818.8	214.3	16.6	230.9	12.1	15.9	316.0	88.0	100.0	193.1
33	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
34	MCQUAY	AWS250BDS	250	SCREW	235.8	829.3	268.4	14.6	283.0	10.0	13.0	280.0	88.0	100.0	171.1
35	TRANE	RTAC	250 S	SCREW	237.2	834.2	274.6	21.0	295.6	9.6	13.6	267.0	88.3	93.3	163.6
36	TRANE	RTAC 250 EXTRA HIGH	250	SCREW	237.2	834.2	232.7	1.1	252.9	11.0	14.8	433.3	88.9	96.0	267.4
37	CARRIER	30RB250	250	SCROLL	237.0	836.3	261.5	36.1	297.6	9.6	13.6	330.0	88.8	90.4	203.5
38	MCQUAY	AWS250BDH VFD	250	VFD SCREW	240.0	844.1	285.4	14.6	300.0	9.6	18.2	289.0	88.0	100.0	176.1
39	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
40	TRANE	RTAC 250 STD	250	SCREW	240.1	844.4	273.1	1.1	274.6	9.7	13.7	268.0	88.3	93.3	164.2
41	MCQUAY	AWS250BDH	250	SCREW	240.6	846.2	263.0	14.6	277.6	10.5	14.1	280.0	88.0	100.0	171.1
42	TRANE	RTAC	250 H	SCREW	243.2	855.3	266.2	24.0	290.2	10.1	13.8	360.0	88.9	94.0	222.2
43	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
44	TRANE	RTAC 250 HIGH	250	SCREW	246.3	866.2	264.7	1.1	266.2	10.2	14.0	361.4	88.9	93.3	223.0
45	MCQUAY	AWS260ADS	260	SCREW	250.5	881.0	295.3	14.6	309.9	9.7	13.4	280.0	88.0	100.0	171.1
46	CARRIER GS	30RB275	275	SCROLL	250.5	881.0	-	-	-	9.8	16.4	377.0	88.8	90.4	232.5
47	CARRIER	30XA: AI-Cu	260	SCREW	250.9	882.4	-	-	281.7	10.7	14.3	377.0	88.8	90.4	232.4
48	CARRIER	30XA	260	SCREW	251.0	882.8	261.9	19.9	281.8	10.7	14.3	377.0	89.0	91.0	233.0
49	CARRIER	30XA: MCHX	260	SCREW	251.7	885.2	-	-	278.8	10.8	14.4	377.0	88.8	90.4	232.4
50	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
51	MCQUAY	AWS265BDP VFD	265	VFD SCREW	256.3	901.4	241.9	18.7	260.6	11.8	19.0	360.0	88.0	100.0	220.0
52	MCQUAY	AWS265BDP	265	SCREW	256.4	901.8	233.5	18.7	252.2	12.2	16.0	351.0	88.0	100.0	214.5
53	CARRIER	30RB275	275	SCROLL	260.2	915.1	284.0	41.3	325.3	9.6	13.7	377.0	88.8	90.4	232.5
54	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
55	TRANE	RTAC 275 STD	275	SCREW	266.2	936.2	301.9	1.1	303.4	9.8	14.6	360.9	88.9	96.0	222.7
56	TRANE	RTAC 275 EXTRA HIGH	275	SCREW	266.8	938.3	258.6	1.1	281.0	11.1	15.2	468.9	88.9	96.0	289.4
57	TRANE	RTAC	275 S	SCREW	268.0	942.6	303.4	24.0	327.4	9.8	13.3	362.1	88.9	96.0	232.5
58	CARRIER	30XA: AI-Cu	280	SCREW	268.5	944.3	-	-	301.2	10.7	14.3	377.0	88.8	90.4	232.4
59	CARRIER	30XA	280	SCREW	268.6	944.7	280.1	21.2	301.3	10.7	14.4	377.0	89.0	91.0	233.0
60	CARRIER	30XA: MCHX	280	SCREW	269.3	947.1	-	-	298.0	10.8	14.5	377.0	88.8	90.4	232.4
61	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
62	MCQUAY	AWS280BDH VFD	280	VFD SCREW	270.6	951.7	311.4	16.6	328.0	9.9	18.5	325.0	88.0	100.0	198.6
63	CARRIER GS	30RB300	300	SCROLL	271.8	955.9	-	-	-	9.9	16.4	424.0	88.8	90.4	261.5
64	MCQUAY	AWS280BDH	280	SCREW	271.9	956.3	288.3	16.6	304.9	10.7	14.5	316.0	88.0	100.0	193.1
65	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
66	TRANE	RTAC 275 HIGH	275	SCREW	275.5	968.9	289.5	1.1	291.0	10.5	14.8	433.3	88.9	96.0	267.4
67	TRANE	RTAC	275 H	SCREW	277.1	974.6	291.0	27.0	318.0	10.5	13.7	434.1	88.9	95.3	267.9
68	MCQUAY	AWS290BDP	290	SCREW	277.5	976.0	261.1	18.7	279.8	11.9	16.2	351.0	88.0	100.0	214.5
69	MCQUAY	AWS290BDP VFD	290	VFD SCREW	277.6	976.3	271.0	18.7	289.7	11.5	19.3	360.0	88.0	100.0	220.0
70	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
71	CARRIER	30RB300	300	SCROLL	282.6	993.9	308.1	46.5	354.6	9.6	13.5	424.0	88.8	90.4	261.5
72	MCQUAY	AWS290BDS	290	SCREW	282.9	995.0	329.8	16.6	346.4	9.8	13.7	316.0	88.0	100.0	193.1
73	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
74	CARRIER	30XA	300	SCREW	287.5	1011.1	305.2	21.2	326.4	10.6	14.6	377.0	89.0	91.0	233.0
75	CARRIER	30XA: AI-Cu	300	SCREW	287.5	1011.1	-	-	326.3	10.6	14.9	377.0	88.8	90.4	232.4
76	MCQUAY	AWS300BDH VFD	300	VFD SCREW	287.7	1011.8	343.0	16.6	359.6	9.6	18.4	325.0	88.0	100.0	198.6
77	CARRIER	30XA: MCHX	300	SCREW	288.3	1014.0	-	-	323.3	10.7	15.0	377.0	88.8	90.4	232.4
78	MCQUAY	AWS300BDH	300	SCREW	288.7	1015.4	316.5	16.6	333.1	10.4	14.3	316.0	88.0	100.0	193.1
79	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
80	TRANE	RTAC 300 EXTRA HIGH	300	SCREW	298.7	1050.5	295.1	1.1	322.0	10.8	14.8	469.3	88.9	96.0	289.6
81	TRANE	RTAC 300 STD	300	SCREW	299.0	1051.6	345.4	1.1							

AIR-COOLED CHILLERS 200 TO 300 TONS (continued)

	OPERATING WEIGHT (lbs)	REFRIGERANT			COMPR #	CONDENSER COILS			CONDENSER FANS			SOUND		AMBIENT		
		Circuit #	Type	Chrg Wt (lbs)		SQ FT	FPI	Rows	#	RPM	Air Flow CFM	Power Lwa	Pressure dBa	Dist (ft)	Std °F	Opt °F
1	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
2	16351	2	HFC-134a	-	2	-	-	-	16	-	-	-	-	-	-	
3	13788	2	R-134a	330	2	295.4	16	3	12	850	133020	-	-	35	0	
4	12772	3	R-410A	372	-	-	-	-	-	-	-	-	-	-	-	
5	14593	2	R134a	450	2	294.0	16	3	14	1140	128812	103	75.76	30.00	25	0
6	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
7	14130	2	R-134a	320	2	295.4	16	3	12	850	133020	-	-	35	0	
8	13653	2	R-134a	360	2	295.4	16	3	12	850	133020	-	-	35	0	
9	13093	3	R-410A	399	-	-	-	-	-	-	-	-	-	-	-	
10	18858	2	HFC-134a	450	2	294.0	16	3	14	1140	128812	-	-	25	0	
11	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
12	14727	2	R134a	495	2	305.0	-	-	13	850	120900	-	-	32	-20	
13	14727	2	R-134a	495	2	305.0	-	-	13	850	120900	-	-	32	-20	
14	13748	2	R-134a	331	2	305.0	-	-	13	850	120900	-	-	32	-20	
15	13093	3	R-410A	399	-	-	-	-	-	-	-	-	-	-	-	
16	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
17	14335	2	R-134a	370	2	344.6	16	3	14	850	155190	-	-	35	0	
18	14370	2	R134a	440	2	273.0	16	3	13	1140	119725	103	75.76	30.00	25	0
19	18952	2	HFC-134a	440	2	273.0	16	3	13	1140	119725	-	-	25	0	
20	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
21	21058	2	HFC-134a	470	2	336.0	16	3	14	1140	136958	-	-	25	0	
22	16184	2	R134A	470	2	336.0	16	3	14	1140	136958	103	75.76	30.00	25	0
23	15403	2	R-134a	360	2	344.6	16	3	14	850	155190	-	-	35	0	
24	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
25	15165	2	R-134a	420	2	344.6	16	3	14	850	155190	-	-	35	0	
26	14349	3	R-410A	428	-	-	-	-	-	-	-	-	-	-	-	
27	14887	2	R-134a	540	2	305.0	-	-	13	850	120900	-	-	32	-20	
28	14887	2	R134a	540	2	305.0	-	-	13	850	120900	-	-	32	-20	
29	13897	2	R-134a	338	2	305.0	-	-	13	850	120900	-	-	32	-20	
30	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
31	17427	2	R-134a	400	2	339.8	16	3	16	850	177360	-	-	35	0	
32	17210	2	R-134a	400	2	339.8	16	3	16	850	177360	-	-	35	0	
33	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
34	15188	2	R-134a	370	2	344.6	16	3	14	850	155190	-	-	35	0	
35	14507	2	R134A	450	2	294.0	16	3	14	1140	128946	103	75.76	30.00	25	0
36	20558	2	HFC-134a	-	3	-	-	-	18	-	-	-	-	-	-	
37	14349	3	R-410A	428	-	-	-	-	-	-	-	-	-	-	-	
38	15953	2	R-134a	360	2	344.6	16	3	14	850	155190	-	-	35	0	
39	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
40	19118	2	HFC-134a	450	2	294.0	16	3	14	1140	128946	-	-	25	0	
41	15825	2	R-134a	440	2	344.6	16	3	14	850	155190	-	-	35	0	
42	16314	2	R134A	470	2	336.0	16	3	16	1140	147242	103	75.76	30.00	25	0
43	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
44	21188	2	HFC-134a	470	2	336.0	16	3	16	1140	147242	-	-	25	0	
45	15188	2	R-134a	420	2	339.8	16	3	16	850	177360	-	-	35	0	
46	15647	3	R-410A	457	-	-	-	-	-	-	-	-	-	-	-	
47	16853	2	R-134a	595	2	352.0	-	-	15	850	139500	-	-	32	-20	
48	16853	2	R134a	595	2	352.0	-	-	15	850	139500	-	-	32	-20	
49	15720	2	R-134a	412	2	352.0	-	-	15	850	139500	-	-	32	-20	
50	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
51	18676	2	R-134a	450	2	443.0	16	3	18	850	199530	-	-	35	0	
52	18631	2	R-134a	450	2	443.0	16	3	18	850	199530	-	-	35	0	
53	15647	3	R-410A	457	-	-	-	-	-	-	-	-	-	-	-	
54	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
55	24479	2	HFC-134a	565	3	336.0	16	3	16	1140	147340	-	-	25	0	
56	21702	2	HFC-134a	-	3	-	-	-	20	-	-	-	-	-	-	
57	18876	2	R134A	565	3	336.0	16	3	16	1140	147340	104	76.76	30.00	25	0
58	17022	2	R-134a	645	2	375.0	-	-	16	850	148800	-	-	32	-20	
59	17022	2	R134a	645	2	375.0	-	-	16	850	148800	-	-	32	-20	
60	15878	2	R-134a	410	2	375.0	-	-	16	850	148800	-	-	32	-20	
61	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
62	17712	2	R-134a	400	2	339.8	16	3	16	850	177360	-	-	35	0	
63	16893	3	R-410A	486	-	-	-	-	-	-	-	-	-	-	-	
64	17461	2	R-134a	480	2	339.8	16	3	16	850	177360	-	-	35	0	
65	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
66	26457	2	HFC-134a	615	3	420.0	16	3	18	1140	173733	-	-	25	0	
67	21103	2	R134A	615	3	420.0	16	3	18	1140	173733	104	76.76	30.00	25	0
68	20722	2	R-134a	470	2	443.0	16	3	18	850	199530	-	-	35	0	
69	20612	2	R-134a	470	2	443.0	16	3	18	850	199530	-	-	35	0	
70	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
71	16893	3	R-410A	486	-	-	-	-	-	-	-	-	-	-	-	
72	17491	2	R-134a	420	2	339.8	16	3	16	850	177360	-	-	35	0	
73	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
74	17362	2	R134A	685	2	375.0	-	-	16	850	148800	-	-	32	-20	
75	17362	2	R-134a	685	2	375.0	-	-	16	850	148800	-	-	32	-20	
76	17712	2	R-134a	420	2	339.8	16	3	16	850	177360	-	-	35	0	
77	16141	2	R-134a	415	2	375.0	-	-	16	850	148800	-	-	32	-20	
78	17461	2	R-134a	500	2	339.8	16	3	16	850	177360	-	-	35	0	
79	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
80	24237	2	HFC-134a	-	4	-	-	-	24	-	-	-	-	-	-	
81	26569	2	HFC-134a	615	3	378.0	16	3	18	1140	165766	-	-	25	0	
82	20544	2	R134A	630	3	378.0	16	3	18	1140	165766	104	76.76	30.00	25	0

AIR-COOLED CHILLERS 200 TO 300 TONS (continued)

	EVAPORATOR			ELECTRICAL DATA (460/3/60)						
	Type	DWP Ref PSIG	DWP Wtr PSIG	Starter Type	Unit MCA (single pt.)	Across-Line LRA (compr.)	Fuse/CB Amps		Lugs	
							Rec./Min.	Max.	Per Phase	Range
1	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
2	-	-	-	-	-	-	-	-	-	-
3	DX	310	137	-	444	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-
5	FLD	200	150	ACL	404	878/878	450	500	2	500
6	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
7	DX	310	137	-	417	-	-	-	-	-
8	DX	310	137	-	381	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-
10	FF	200	150	-	404	-	-	-	-	-
11	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
12	FLD	220	300	ACL	424.7	1373.6	500	600	2	4-500
13	FLD	220	300	-	424.7	-	-	-	-	-
14	FLD	220	300	-	424.7	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-
16	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
17	DX	310	137	-	494	-	-	-	-	-
18	FLD	200	150	ACL	454	1065/878	600	600	2	500
19	FF	200	150	-	454	-	-	-	-	-
20	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
21	FF	200	150	-	444	-	-	-	-	-
22	FLD	200	150	ACL	444	1065/878	500	600	2	500
23	DX	310	137	-	468	-	-	-	-	-
24	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
25	DX	310	137	-	431	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-
27	FLD	220	300	-	455	-	-	-	-	-
28	FLD	220	300	ACL	455	1403.9	600	600	2	4-500
29	FLD	220	300	-	455	-	-	-	-	-
30	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
31	DX	310	137	-	430	-	-	-	-	-
32	DX	310	137	-	394	-	-	-	-	-
33	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
34	DX	310	137	-	529	-	-	-	-	-
35	FLD	200	150	ACL	489	1065/1065	600	600	2	500
36	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-	-	-	-
38	DX	310	137	-	504	-	-	-	-	-
39	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
40	FF	200	150	-	489	-	-	-	-	-
41	DX	310	137	-	466	-	-	-	-	-
42	FLD	200	150	ACL	482	1065/1065	600	600	2	500
43	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
44	FF	200	150	-	482	-	-	-	-	-
45	DX	310	137	-	598	-	-	-	-	-
46	-	-	-	-	-	-	-	-	-	-
47	FLD	220	300	-	516.5	-	-	-	-	-
48	FLD	220	300	ACL	516.5	1969.6	600	700	2	4-500
49	FLD	220	300	-	516.5	-	-	-	-	-
50	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
51	DX	310	137	-	482	-	-	-	-	-
52	DX	310	137	-	445	-	-	-	-	-
53	-	-	-	-	-	-	-	-	-	-
54	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
55	FF	200	150	-	533	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-
57	FLD	200	150	ACL	533	774/774/878	600	700	4	600
58	FLD	220	300	-	549.7	-	-	-	-	-
59	FLD	220	300	ACL	549.8	2002.9	700	800	2	4-500
60	FLD	220	300	-	549.7	-	-	-	-	-
61	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
62	DX	310	137	-	555	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-
64	DX	310	137	-	515	-	-	-	-	-
65	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
66	FF	200	150	-	519	-	-	-	-	-
67	FLD	200	150	ACL	519	774/774/878	600	600	4	600
68	DX	310	137	-	480	-	-	-	-	-
69	DX	310	137	-	518	-	-	-	-	-
70	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
71	-	-	-	-	-	-	-	-	-	-
72	DX	310	137	-	598	-	-	-	-	-
73	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
74	FLD	220	300	ACL	610.9	2002.9	700	800	2	4-500
75	FLD	220	300	-	610.9	-	-	-	-	-
76	DX	310	137	-	590	-	-	-	-	-
77	FLD	220	300	-	610.9	-	-	-	-	-
78	DX	310	137	-	549	-	-	-	-	-
79	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
80	-	-	-	-	-	-	-	-	-	-
81	FF	200	150	-	597	-	-	-	-	-
82	FLD	200	150	ACL	597	878/878/878	700	700	4	600

AIR-COOLED CHILLERS 300 TO 400 TONS

	MFG	MODEL	SIZE	COMPRESSOR TYPE	95°/44° 60HZ					UNIT EFFICIENCY		DIMENSIONS			SQ FT
					Capacity Tons	Capacity kW	Input Power (kW)			EER	IPLV	(Inches)			
							Compr	Fans	Total			L	W	H	
1	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
2	MCQUAY	AWS310BDS	310	SCREW	300.4	1056.5	352.0	23.5	375.5	9.6	13.4	316.0	88.0	100.0	193.1
3	MCQUAY	AWS310BDP VFD	310	VFD SCREW	303.8	1068.5	296.2	20.8	317.0	11.5	19.4	396.0	88.0	100.0	242.0
4	MCQUAY	AWS310BDP	310	SCREW	303.9	1068.8	285.7	20.8	306.5	11.9	16.2	387.0	88.0	100.0	236.5
5	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
6	CARRIER GS	30RB315	315	SCROLL	305.7	1075.1	-	-	-	10.3	17.0	472.0	88.8	90.4	291.1
7	CARRIER	30RB315	315	SCROLL	306.0	1076.2	325.7	51.6	377.3	9.7	13.4	472.0	88.8	90.4	291.1
8	CARRIER	30XA: Al-Cu	325	SCREW	306.6	1078.3	-	-	347.1	10.6	14.3	424.0	88.8	90.4	261.3
9	CARRIER	30XA	325	SCREW	306.7	1078.7	323.3	23.9	347.2	10.6	14.3	424.0	89.0	91.0	262.1
10	CARRIER	30XA: MCHX	325	SCREW	307.1	1080.1	-	-	344.8	10.7	14.4	424.0	88.8	90.4	261.3
11	TRANE	RTAC	300 H	SCREW	308.8	1086.0	334.1	30.0	364.1	10.2	13.6	470.1	88.9	95.3	290.2
12	TRANE	RTAC 300 HIGH	300	SCREW	308.9	1086.4	332.6	1.1	334.1	10.3	14.4	468.9	88.9	96.0	289.4
13	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
14	CARRIER GS	30RB330	330	SCROLL	316.9	1114.5	-	-	-	10.2	17.1	472.0	88.8	90.4	291.1
15	CARRIER	30RB330	330	SCROLL	319.5	1123.7	345.2	51.6	396.8	9.7	13.5	472.0	88.8	90.4	291.1
16	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
17	CARRIER	30XA: Al-Cu	350	SCREW	324.1	1139.9	-	-	374.8	10.4	14.4	424.0	88.8	90.4	261.3
18	CARRIER	30XA	350	SCREW	324.3	1140.6	351.1	23.9	375.0	10.4	14.3	424.0	89.0	91.0	262.1
19	CARRIER	30XA: MCHX	350	SCREW	324.5	1141.3	-	-	372.7	10.5	14.5	424.0	88.8	90.4	261.3
20	MCQUAY	AWS330BDP VFD	330	VFD SCREW	324.7	1142.0	326.9	20.8	347.7	11.2	19.3	396.0	88.0	100.0	242.0
21	MCQUAY	AWS330BDP	330	SCREW	324.9	1142.7	315.3	20.8	336.1	11.6	16.1	387.0	88.0	100.0	236.5
22	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
23	MCQUAY	AWS330BDH VFD	330	VFD SCREW	326.3	1147.6	363.1	20.8	383.9	10.2	18.5	410.0	88.0	100.0	250.6
24	MCQUAY	AWS330BDH	330	SCREW	327.3	1151.1	339.5	20.8	360.3	10.9	14.5	387.0	88.0	100.0	236.5
25	CARRIER GS	30RB345	345	SCROLL	328.1	1153.9	-	-	-	10.2	17.1	472.0	88.8	90.4	291.1
26	CARRIER	30RB345	345	SCROLL	332.9	1170.8	364.8	51.6	416.4	9.6	13.5	472.0	88.8	90.4	291.1
27	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
28	TRANE	RTAC	350 S	SCREW	339.6	1194.4	393.8	30.0	423.8	9.6	13.1	434.1	88.9	96.0	267.9
29	TRANE	RTAC 350 STD	350	SCREW	340.0	1195.8	392.3	1.1	393.8	9.6	14.3	433.3	88.9	96.0	267.4
30	MCQUAY	AWS350BDS	350	SCREW	340.6	1197.9	392.1	20.8	412.9	9.9	13.6	387.0	88.0	100.0	236.5
31	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
32	TRANE	RTAC 350 HIGH	350	SCREW	346.5	1218.6	360.3	1.1	361.8	10.5	15.4	469.3	88.9	96.0	289.6
33	MCQUAY	AWS350BDH VFD	350	VFD SCREW	347.1	1220.8	408.6	20.8	429.4	9.7	18.3	410.0	88.0	100.0	250.6
34	MCQUAY	AWS350BDH	350	SCREW	348.1	1224.3	380.9	20.8	401.7	10.4	14.2	387.0	88.0	100.0	236.5
35	TRANE	RTAC	350 H	SCREW	349.7	1229.9	361.8	36.0	397.8	10.5	15.3	470.1	88.9	95.3	290.2
36	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
37	CARRIER GS	30RB360	360	SCROLL	350.2	1231.7	-	-	-	10.2	17.1	519.0	88.8	90.4	320.1
38	MCQUAY	AWS365BDP VFD	365	VFD SCREW	354.8	1247.8	360.7	22.9	383.6	11.1	19.2	461.0	88.0	100.0	281.7
39	MCQUAY	AWS365BDP	365	SCREW	355.0	1248.5	347.5	22.9	370.4	11.5	16.1	438.0	88.0	100.0	267.7
40	CARRIER	30RB360	360	SCROLL	355.0	1248.5	388.0	56.8	444.8	9.6	13.5	519.0	88.8	90.4	320.1
41	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
42	TRANE	RTAC 3500 EXTRA HIGH	350	SCREW	359.5	1264.4	347.9	1.1	379.3	11.0	15.3	540.9	88.9	96.0	333.8
44	MCQUAY	AWS375BDS	375	SCREW	361.4	1271.0	431.0	20.8	451.8	9.6	13.4	387.0	88.0	100.0	236.5
45	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
46	CARRIER GS	30RB390	390	SCROLL	372.3	1309.4	-	-	-	10.2	17.1	566.0	88.8	90.4	349.0
47	CARRIER	30RB390	390	SCROLL	377.0	1325.9	411.1	62.0	473.1	9.6	13.4	566.0	88.8	90.4	349.0
48	MCQUAY	AWS390BDH VFD	390	VFD SCREW	377.8	1328.7	449.4	22.9	472.3	9.6	18.4	461.0	88.0	100.0	281.7
49	MCQUAY	AWS390BDH	390	SCREW	378.7	1331.9	414.1	22.9	437.0	10.4	14.2	438.0	88.0	100.0	267.7
50	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
51	CARRIER	30XA: Al-Cu	400	SCREW	383.6	1349.1	-	-	449.4	10.2	14.8	471.0	88.8	90.4	290.3
52	CARRIER	30XA	400	SCREW	383.7	1349.5	423.0	26.4	449.4	10.2	14.7	471.0	89.0	91.0	291.1
53	CARRIER	30XA: MCHX	400	SCREW	385.0	1354.0	-	-	444.1	10.4	14.9	471.0	88.8	90.4	290.3
54	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
55	MCQUAY	AWS400BDP VFD	400	VFD SCREW	385.4	1355.5	395.4	25.0	420.4	11.0	19.2	496.0	88.0	100.0	303.1
56	MCQUAY	AWS400BTS	400	SCREW	398.3	1400.8	450.3	22.9	473.2	10.1	14.0	438.0	88.0	100.0	267.7

AIR-COOLED CHILLERS 300 TO 400 TONS (continued)

	OPERATING WEIGHT (lbs)	REFRIGERANT		COMPR #	CONDENSER COILS			CONDENSER FANS			SOUND			AMBIENT		
		Circuit #	Type		Chrg Wt (lbs)	SQ FT	FPI	Rows	#	RPM	Air Flow CFM	Power Lwa	Pressure dBa	Dist (ft)	Std °F	Opt °F
1	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
2	18161	2	R-134a	430	2	339.8	16	3	16	850	177360	-	-	-	35	0
3	21534	2	R-134a	500	2	492.2	16	3	20	850	221700	-	-	-	35	0
4	21559	2	R-134a	500	2	492.2	16	3	20	850	221700	-	-	-	35	0
5	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
6	18950	4	R-410A	590	-	-	-	-	-	-	-	-	-	-	-	-
7	18950	4	R-410A	590	-	-	-	-	-	-	-	-	-	-	-	-
8	18834	2	R-134a	750	2	422.0	-	-	18	850	167400	-	-	-	32	-20
9	18834	2	R-134a	750	2	422.0	-	-	18	850	167400	-	-	-	32	-20
10	17467	2	R-134a	480	2	422.0	-	-	18	850	167400	-	-	-	32	-20
11	22060	2	R-134a	660	3	462.0	16	3	20	1140	192098	105	77.76	30.00	25	0
12	28082	2	HFC-134a	660	3	462.0	16	3	20	1140	192098	-	-	-	25	0
13	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
14	19274	4	R-410A	590	-	-	-	-	-	-	-	-	-	-	-	-
15	19274	4	R-410A	590	-	-	-	-	-	-	-	-	-	-	-	-
16	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
17	19040	2	R-134a	790	2	422.0	-	-	18	850	167400	-	-	-	32	-20
18	19040	2	R-134a	790	2	422.0	-	-	18	850	186000	-	-	-	32	-20
19	17659	2	R-134a	485	2	422.0	-	-	18	850	167400	-	-	-	32	-20
20	21534	2	R-134a	520	2	492.2	16	3	20	850	221700	-	-	-	35	0
21	21559	2	R-134a	520	2	492.2	16	3	20	850	221700	-	-	-	35	0
22	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
23	19960	2	R-134a	520	2	492.2	16	3	20	850	221700	-	-	-	35	0
24	19764	2	R-134a	545	2	492.2	16	3	20	850	221700	-	-	-	35	0
25	19598	4	R-410A	590	-	-	-	-	-	-	-	-	-	-	-	-
26	19598	4	R-410A	590	-	-	-	-	-	-	-	-	-	-	-	-
27	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
28	21450	2	R-134a	660	3	420.0	16	3	20	1140	184151	105	77.76	30.00	25	0
29	27819	2	HFC-134a	660	3	420.0	16	3	20	1140	184151	-	-	-	25	0
30	19803	2	R-134a	530	2	492.2	16	3	20	850	221700	-	-	-	35	0
31	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
32	31377	2	HFC-134a	830	4	504.0	16	3	24	1140	220778	-	-	-	25	0
33	20652	2	R-134a	530	2	492.2	16	3	20	850	221700	-	-	-	35	0
34	20444	2	R-134a	570	2	492.2	16	3	20	850	221700	-	-	-	35	0
35	24487	2	R-134a	830	4	504.0	16	3	24	1140	220778	105	77.76	30.00	25	0
36	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
37	20863	4	R-410A	619	-	-	-	-	-	-	-	-	-	-	-	-
38	24441	2	R-134a	560	2	541.4	16	3	22	850	243870	-	-	-	35	0
39	23659	2	R-134a	560	2	541.4	16	3	22	850	243870	-	-	-	35	0
40	20863	4	R-410A	619	-	-	-	-	-	-	-	-	-	-	-	-
41	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
42	27342	2	HFC-134a	-	4	-	-	-	28	-	-	-	-	-	-	-
43	19803	2	R-134a	590	2	514.5	16	3	22	850	266040	-	-	-	35	0
44	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
45	22128	4	R-410A	648	-	-	-	-	-	-	-	-	-	-	-	-
46	22128	4	R-410A	648	-	-	-	-	-	-	-	-	-	-	-	-
47	22900	2	R-134a	590	2	541.4	16	3	22	850	243870	-	-	-	35	0
48	21864	2	R-134a	616	2	541.4	16	3	22	850	243870	-	-	-	35	0
49	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
50	24578	3	R-134a	915	3	469.0	-	-	20	850	186000	-	-	-	32	-20
51	23953	3	R-134a	915	3	469.0	-	-	20	850	186000	-	-	-	32	-20
52	23038	3	R-134a	555	3	469.0	-	-	20	850	186000	-	-	-	32	-20
53	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
54	25881	2	R-134a	620	2	590.6	16	3	24	850	266040	-	-	-	35	0
55	24260	3	R-134a	590	3	514.5	16	3	22	850	243870	-	-	-	35	0
56																

AIR-COOLED CHILLERS 300 TO 400 TONS (continued)

Type	EVAPORATOR		Starter Type	Unit MCA (single pt.)	Across-Line LRA (compr.)	ELECTRICAL DATA (460/3/60)			
	DWP Ref PSIG	DWP Wtr PSIG				Fuse/CB Amps		Lugs	
						Rec./Min.	Max.	Per Phase	Range
*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
DX	310	137	-	648	-	-	-	-	-
DX	310	137	-	569	-	-	-	-	-
DX	310	137	-	529	-	-	-	-	-
*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
FLD	220	300	-	624.3	-	-	-	-	-
FLD	220	300	ACL	624.3	2077.5	700	800	2	4-500
FLD	220	300	-	624.3	-	-	-	-	-
FLD	200	150	ACL	583	878/878/878	700	700	4	600
FF	200	150	-	583	-	-	-	-	-
*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
FLD	220	300	-	685.5	-	-	-	-	-
FLD	220	300	ACL	685.5	2077.5	800	800	2	4-500
FLD	220	300	-	685.5	-	-	-	-	-
DX	310	137	-	604	-	-	-	-	-
DX	310	137	-	563	-	-	-	-	-
*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
DX	310	137	-	664	-	-	-	-	-
DX	310	137	-	646	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
FLD	200	150	ACL	674	1065/1065/973	800	800	4	600
FF	200	150	-	674	-	-	-	-	-
DX	310	137	-	734	-	-	-	-	-
*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
FF	200	150	-	633	-	-	-	-	-
DX	310	137	-	712	-	-	-	-	-
DX	310	137	-	712	-	-	-	-	-
FLD	200	150	ACL	633	774/774/774/774	700	700	4	600
*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
-	-	-	-	-	-	-	-	-	-
DX	310	137	-	670	-	-	-	-	-
DX	310	137	-	652	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
DX	310	137	-	783	-	-	-	-	-
*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
DX	310	137	-	780	-	-	-	-	-
DX	310	137	-	756	-	-	-	-	-
*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
FLD	220	300	-	746.6	-	-	-	-	-
FLD	220	300	ACL	340.9/452.0	1794.0/1400.9	450/500	500/600	1/2	4-500
FLD	220	300	-	746.6	-	-	-	-	-
*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
DX	310	137	-	725	-	-	-	-	-
DX	310	137	-	833	-	-	-	-	-

AIR-COOLED CHILLERS 400 TO 500 TONS

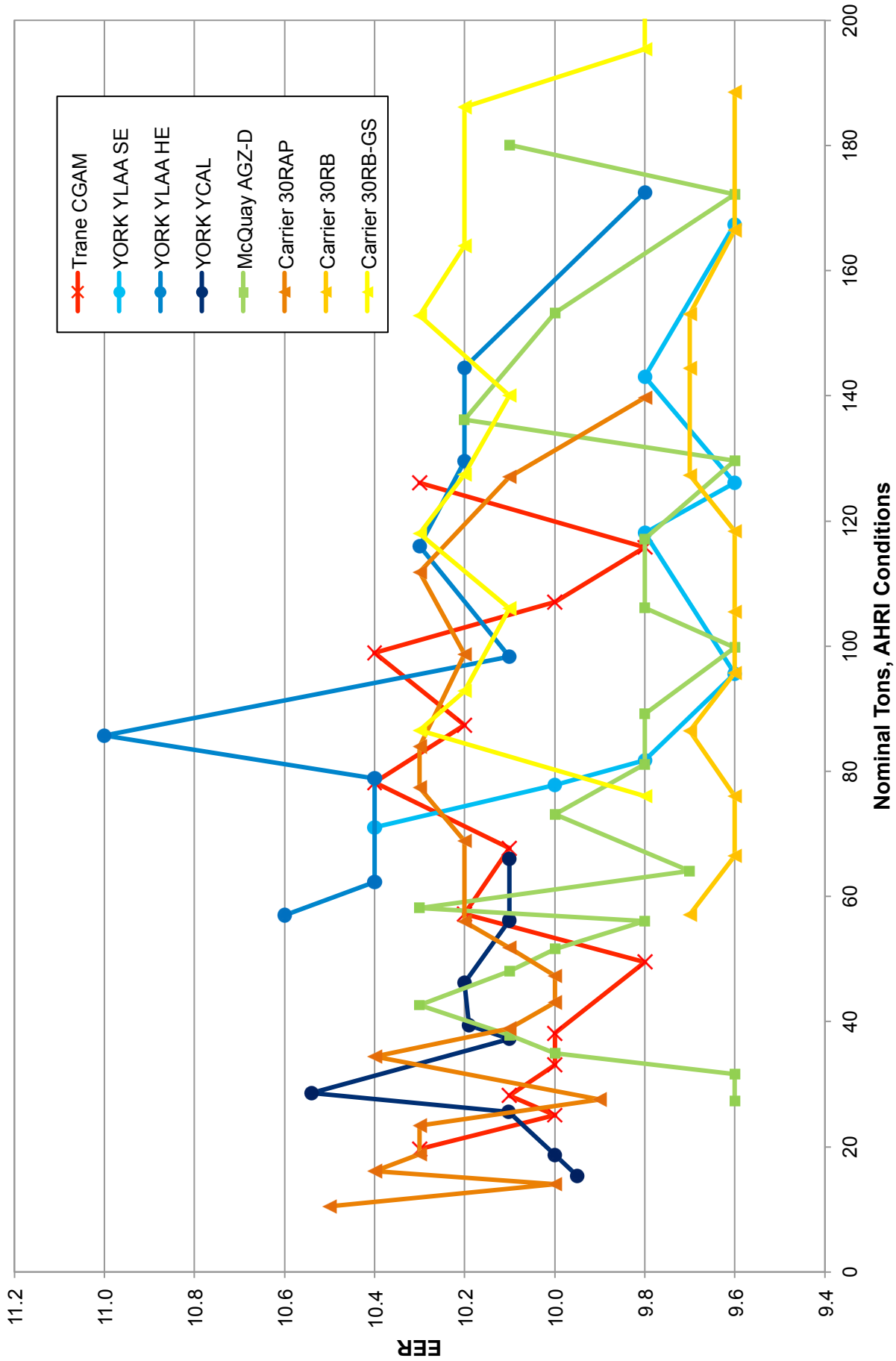
	MFG	MODEL	SIZE	COMPRESSOR TYPE	95°/44° 60HZ					UNIT EFFICIENCY		DIMENSIONS			
					Capacity Tons	Capacity kW	Input Power (kW)			EER	IPLV	(Inches)			
							Compr	Fans	Total			L	W	H	SQ FT
1	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
2	TRANE	RTAC 400 STD	400	SCREW	401.3	1411.4	464.4	1.1	465.9	9.7	14.7	469.3	88.9	96.0	289.6
3	TRANE	RTAC 400 S	400 S	SCREW	401.7	1412.8	465.9	36.0	501.9	9.6	14.6	470.1	88.9	96.0	290.2
4	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
5	MCQUAY	AWS400BDP	400	SCREW	405.4	1425.8	385.4	25.0	405.7	11.4	15.9	473.0	88.0	100.0	289.1
6	MCQUAY	AWS410BDH VFD	410	VFD SCREW	408.7	1437.4	485.9	25.0	510.9	9.6	18.2	496.0	88.0	100.0	303.1
7	MCQUAY	AWS410BDH	410	SCREW	409.8	1441.3	452.4	25.0	477.4	10.3	14.1	473.0	88.0	101.0	289.1
8	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
9	TRANE	RTAC 400 H	400 H	SCREW	415.6	1461.7	449.4	42.0	491.4	10.2	14.5	542.1	88.9	95.3	334.6
10	TRANE	RTAC 400 HIGH	400	SCREW	415.6	1461.7	447.9	1.1	449.4	10.2	14.7	540.9	88.9	96.0	333.8
11	MCQUAY	AWS425BTS	425	SCREW	418.7	1472.6	495.1	22.9	518.0	9.7	13.9	438.0	88.0	100.0	267.7
12	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
13	CARRIER	30XA	450	SCREW	426.2	1498.9	482.1	29.1	511.2	10.0	14.1	518.0	89.0	91.0	320.2
14	CARRIER	30XA: AI-Cu	450	SCREW	426.8	1501.1	-	-	509.3	10.1	14.1	518.0	88.8	90.4	319.3
15	CARRIER	30XA: MCHX	450	SCREW	427.6	1503.9	-	-	505.5	10.2	14.2	518.0	88.8	90.4	319.3
16	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
17	MCQUAY	AWS450BTS	450	SCREW	441.4	1552.4	515.5	25.0	540.5	9.8	13.8	473.0	88.0	100.0	289.1
18	TRANE	RTAC 450 S	450 S	SCREW	441.6	1553.1	512.7	39.0	551.7	9.6	14.7	542.1	88.9	96.0	334.6
19	TRANE	RTAC 450 STD	450	SCREW	441.9	1554.2	511.2	1.1	512.7	9.6	15.0	540.9	88.9	96.0	333.8
20	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
21	MCQUAY	AWS450BTH VFD	450	VFD SCREW	445.2	1565.8	525.8	25.0	550.8	9.7	18.9	496.0	88.0	100.0	303.1
22	MCQUAY	AWS450BTH	450	SCREW	446.3	1569.6	485.1	25.0	510.1	10.5	14.7	473.0	88.0	100.0	289.1
23	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
24	CARRIER	30XA	500	SCREW	457.0	1607.3	523.5	29.2	552.7	9.9	14.2	518.0	89.0	91.0	320.2
25	CARRIER	30XA: AI-Cu	500	SCREW	458.0	1610.8	-	-	549.2	10.0	14.3	518.0	88.8	90.4	319.3
26	CARRIER	30XA: MCHX	500	SCREW	459.1	1614.7	-	-	544.8	10.1	14.4	518.0	88.8	90.4	319.3
27	MCQUAY	AWS470BTS	470	SCREW	459.2	1615.0	549.0	25.0	574.0	9.6	13.6	473.0	88.0	100.0	289.1
28	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
29	MCQUAY	AWS475BTH VFD	475	VFD SCREW	467.7	1644.9	551.6	27.0	578.6	9.7	18.8	532.0	88.0	100.0	325.1
30	MCQUAY	AWS475BTH	475	SCREW	470.3	1654.0	515.7	27.0	542.7	10.4	14.7	509.0	88.0	100.0	311.1
31	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
32	TRANE	RTAC 500 S	500 S	SCREW	483.0	1698.7	560.6	42.0	602.6	9.6	14.9	542.1	88.9	96.0	334.6
33	TRANE	RTAC 500 STD	500	SCREW	483.9	1701.9	559.1	1.1	560.6	9.6	15.0	540.9	88.9	96.0	333.8
34	YORK	YVAA*	*	VFD SCREW	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.										
35	MCQUAY	AWS500BTS	500	SCREW	488.3	1717.4	583.4	27.0	610.4	9.6	13.7	509.0	88.0	100.0	311.1
36	MCQUAY	AWS500BTH VFD	500	VFD SCREW	497.8	1750.8	586.7	29.1	615.8	9.7	18.5	567.0	88.0	100.0	346.5
37	MCQUAY	AWS500BTH	500	SCREW	499.4	1756.4	541.6	29.1	570.7	10.5	14.4	544.0	88.0	100.0	332.4
38	MCQUAY	AWS525BTS	525	SCREW	517.7	1820.8	618.0	29.1	647.1	9.6	13.6	544.0	88.0	100.0	332.4
39	MCQUAY	AWS530BTH VFD	530	VFD SCREW	524.8	1845.7	618.0	31.2	649.2	9.7	18.5	603.0	88.0	100.0	368.5
40	MCQUAY	AWS530BTH	530	SCREW	528.3	1858.0	572.6	31.2	603.8	10.5	14.5	580.0	88.0	100.0	354.4
41	MCQUAY	AWS550BTS	550	SCREW	547.3	1924.9	652.9	31.2	684.1	9.6	13.6	580.0	88.0	100.0	354.4

	OPERATING WEIGHT (lbs)	REFRIGERANT		COMPR #	CONDENSER COILS			CONDENSER FANS			SOUND		AMBIENT			
		Circuit #	Type		Chrg Wt (lbs)	SQ FT	FPI	Rows	#	RPM	Air Flow CFM	Power Lwa	Pressure dBa	Dist (ft)	Std °F	Opt °F
1	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
2	32666	2	HFC-134a	830	4	504.0	16	3	24	1140	221016	-	-	25	0	
3	25074	2	R134a	830	4	504.0	16	3	24	1140	211016	106	78.76	30.00	25	0
4	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
5	25093	2	R-134a	620	2	590.6	16	3	24	850	266040	-	-	35	0	
6	23705	2	R-134a	640	2	590.6	16	3	24	850	266040	-	-	35	0	
7	22657	2	R-134a	662	2	590.6	16	3	24	850	266040	-	-	35	0	
8	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
9	27650	2	R134a	920	4	588.0	16	3	28	1140	257626	106	78.76	30.00	25	0
10	35526	2	HFC-134a	920	4	588.0	16	3	28	1140	257626	-	-	25	0	
11	24931	3	R-134a	640	3	509.7	16	3	24	850	266040	-	-	35	0	
12	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
13	25975	3	R134a	1035	3	516.0	-	-	22	850	204600	-	-	32	-20	
14	26600	3	R-134a	1035	3	516.0	-	-	22	850	204600	-	-	32	-20	
15	24901	3	R-134a	633	3	516.0	-	-	22	850	204600	-	-	32	-20	
16	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
17	26418	3	R-134a	640	3	509.7	16	3	24	850	266040	-	-	35	0	
18	25678	2	R134a	875	4	546.0	16	3	26	1140	239456	106	78.76	30.00	25	0
19	33240	2	HFC-134a	875	4	546.0	16	3	26	1140	239456	-	-	25	0	
20	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
21	27152	3	R-134a	640	3	509.7	16	3	24	850	266040	-	-	35	0	
22	26057	3	R-134a	750	3	509.7	16	3	24	850	266040	-	-	35	0	
23	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
24	26269	3	R134a	1100	3	516.0	-	-	22	850	204600	-	-	32	-20	
25	26894	3	R-134a	1100	3	516.0	-	-	22	850	204600	-	-	32	-20	
26	25167	3	R-134a	647	3	516.0	-	-	22	850	204600	-	-	32	-20	
27	27143	3	R-134a	700	3	585.9	16	3	26	850	288210	-	-	35	0	
28	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
29	28300	3	R-134a	700	3	585.9	16	3	26	850	288210	-	-	35	0	
30	27542	3	R-134a	795	3	585.9	16	3	26	850	288210	-	-	35	0	
31	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
32	27056	2	R134a	920	4	588.0	16	3	28	1140	257991	106	78.76	30.00	25	0
33	35677	2	HFC-134a	920	4	588.0	16	3	28	1140	257991	-	-	25	0	
34	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.															
35	27902	3	R-134a	750	3	662.1	16	3	28	850	310380	-	-	35	0	
36	30117	3	R-134a	750	3	662.1	16	3	28	850	310380	-	-	35	0	
37	29181	3	R-134a	840	3	662.1	16	3	28	850	310380	-	-	35	0	
38	28901	3	R-134a	820	3	738.3	16	3	30	850	332550	-	-	35	0	
39	31446	3	R-134a	810	3	738.3	16	3	30	850	332550	-	-	35	0	
40	30608	3	R-134a	885	3	738.3	16	3	30	850	332550	-	-	35	0	
41	29643	3	R-134a	820	3	738.3	16	3	30	850	332550	-	-	35	0	

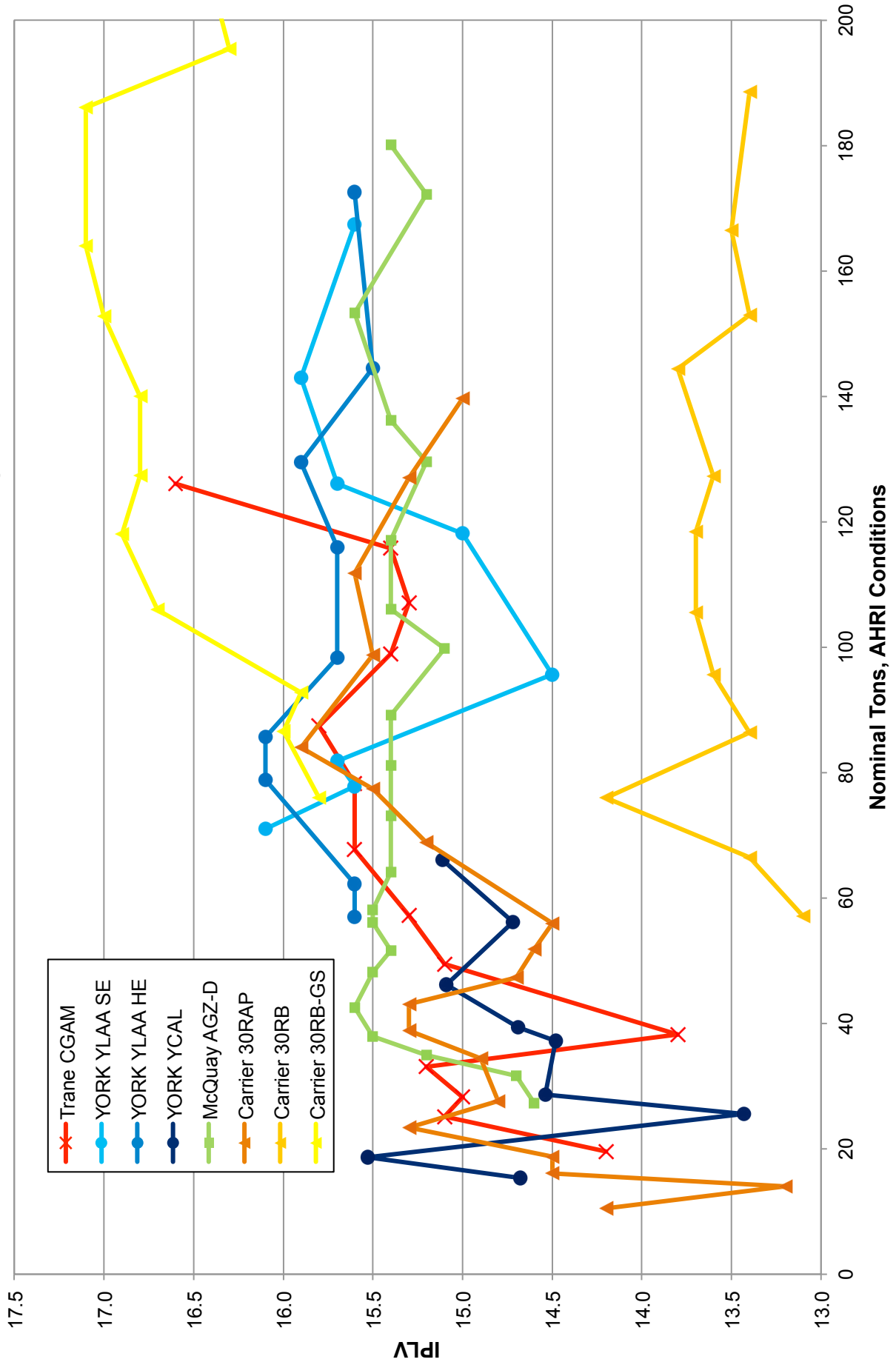
AIR-COOLED CHILLERS 400 TO 500 TONS (continued)

	EVAPORATOR			ELECTRICAL DATA (460/3/60)						
	Type	DWP Ref PSIG	DWP Wtr PSIG	Starter Type	Unit MCA (single pt.)	Across-Line LRA (compr.)	Fuse/CB Amps		Lugs	
							Rec./Min.	Max.	Per Phase	Range
1	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
2	FF	200	150	-	782	-	-	-	-	-
3	FLD	200	150	ACL	782	878/878/878/878	800	800	4	600
4	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
5	DX	310	137	-	725	-	-	-	-	-
6	DX	310	137	-	835	-	-	-	-	-
7	DX	310	137	-	793	-	-	-	-	-
8	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
9	FLD	200	150	ACL	767	878/878/878/878	800	800	4	600
10	FF	200	150	-	767	-	-	-	-	-
11	DX	310	137	-	890	-	-	-	-	-
12	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
13	FLD	220	300	ACL	402.0/553.6	1794.0/1945.6	500/700	700/800	2/2	4-500
14	FLD	220	300	-	880	-	-	-	-	-
15	FLD	220	300	-	880	-	-	-	-	-
16	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
17	DX	310	137	-	940	-	-	-	-	-
18	FLD	200	150	ACL	859	1065/1065/878/878	1000	1000	4	600
19	FF	200	150	-	859	-	-	-	-	-
20	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
21	DX	310	137	-	855	-	-	-	-	-
22	DX	310	137	-	797	-	-	-	-	-
23	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
24	FLD	220	300	ACL	402.0/604.9	1794/1996.9	500/700	700/800	2/2	4-500
25	FLD	220	300	-	931.3	-	-	-	-	-
26	FLD	220	300	-	931.3	-	-	-	-	-
27	DX	310	137	-	980	-	-	-	-	-
28	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
29	DX	310	137	-	922	-	-	-	-	-
30	DX	310	137	-	886	-	-	-	-	-
31	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
32	FLD	200	150	ACL	929	1065/1065/1065/1065	1000	1000	4	600
33	FF	200	150	-	929	-	-	-	-	-
34	*YVAA available from 150 to 500 TR in 1 ton increments. Refer to YORKworks for specific model details.									
35	DX	310	137	-	1025	-	-	-	-	-
36	DX	310	137	-	977	-	-	-	-	-
37	DX	310	137	-	959	-	-	-	-	-
38	DX	310	137	-	1064	-	-	-	-	-
39	DX	310	137	-	1032	-	-	-	-	-
40	DX	310	137	-	1032	-	-	-	-	-
41	DX	310	137	-	1064	-	-	-	-	-

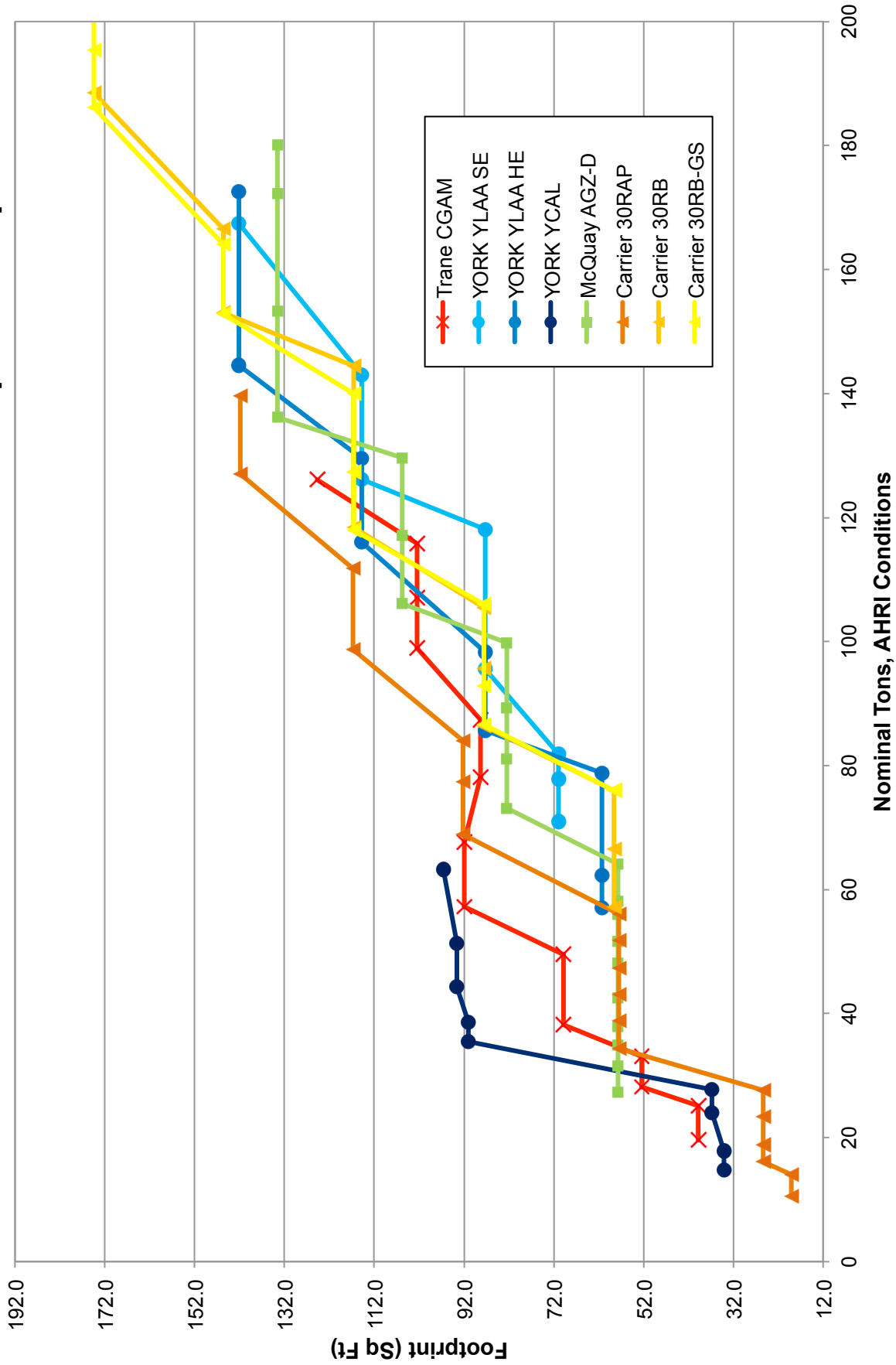
Air-Cooled Scroll Chillers 60Hz – Efficiency - EER Comparison



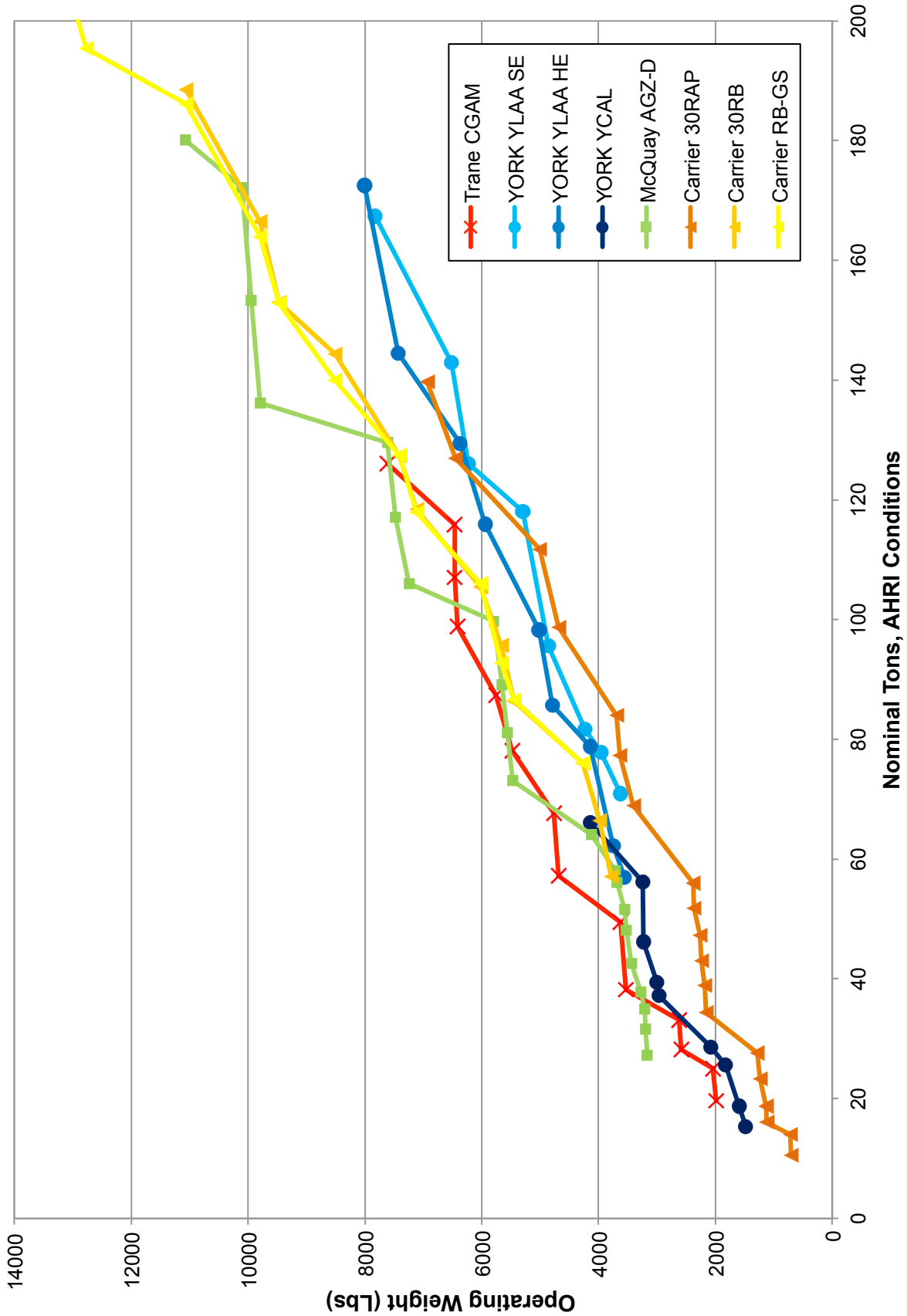
Air-Cooled Scroll Chillers 60Hz – Efficiency - IPLV Comparison



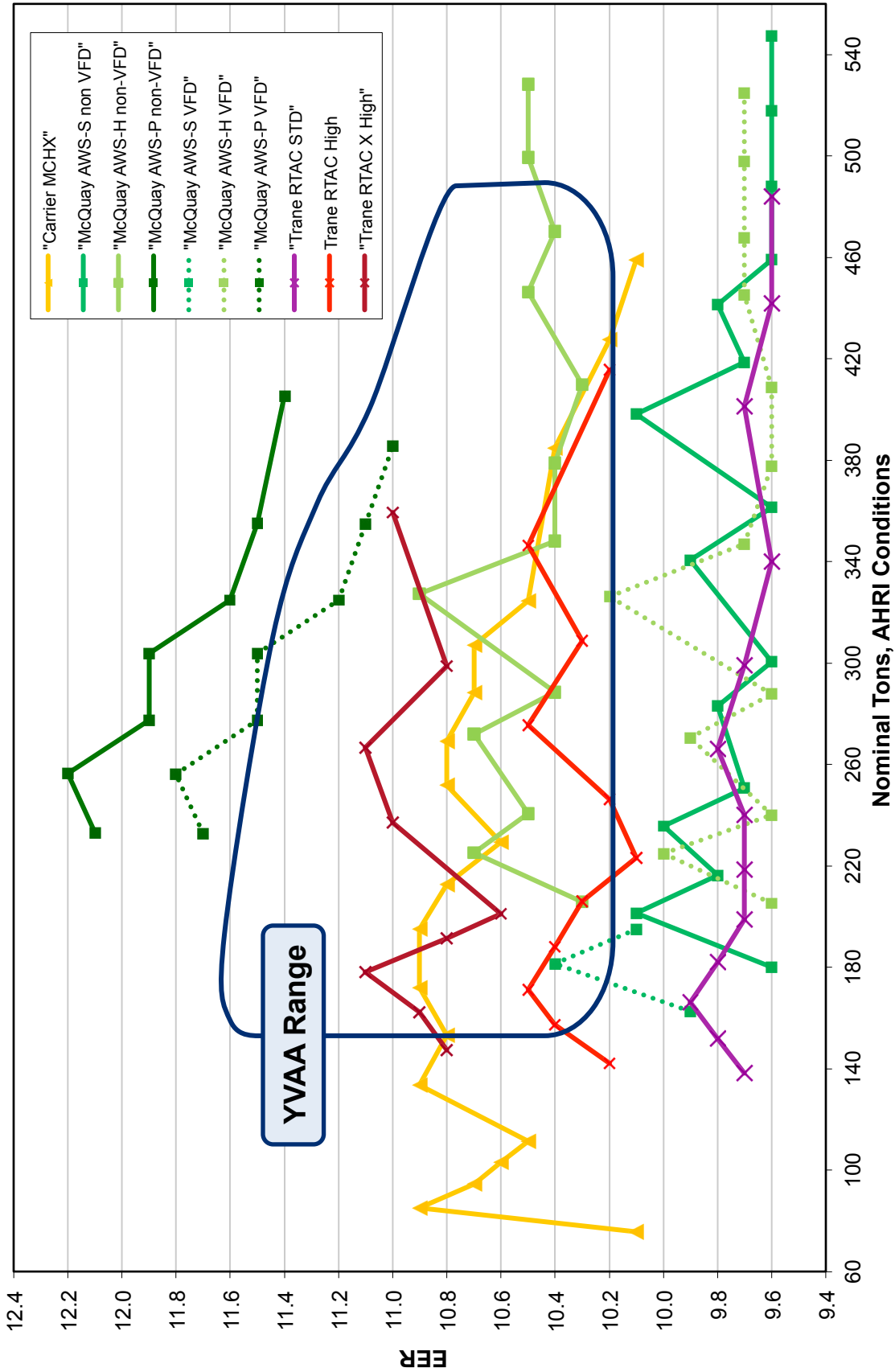
Air-Cooled Scroll Chillers 60Hz - Installed Footprint Comparison



Air-Cooled Scroll Chillers 60Hz - Operating Weight Comparison

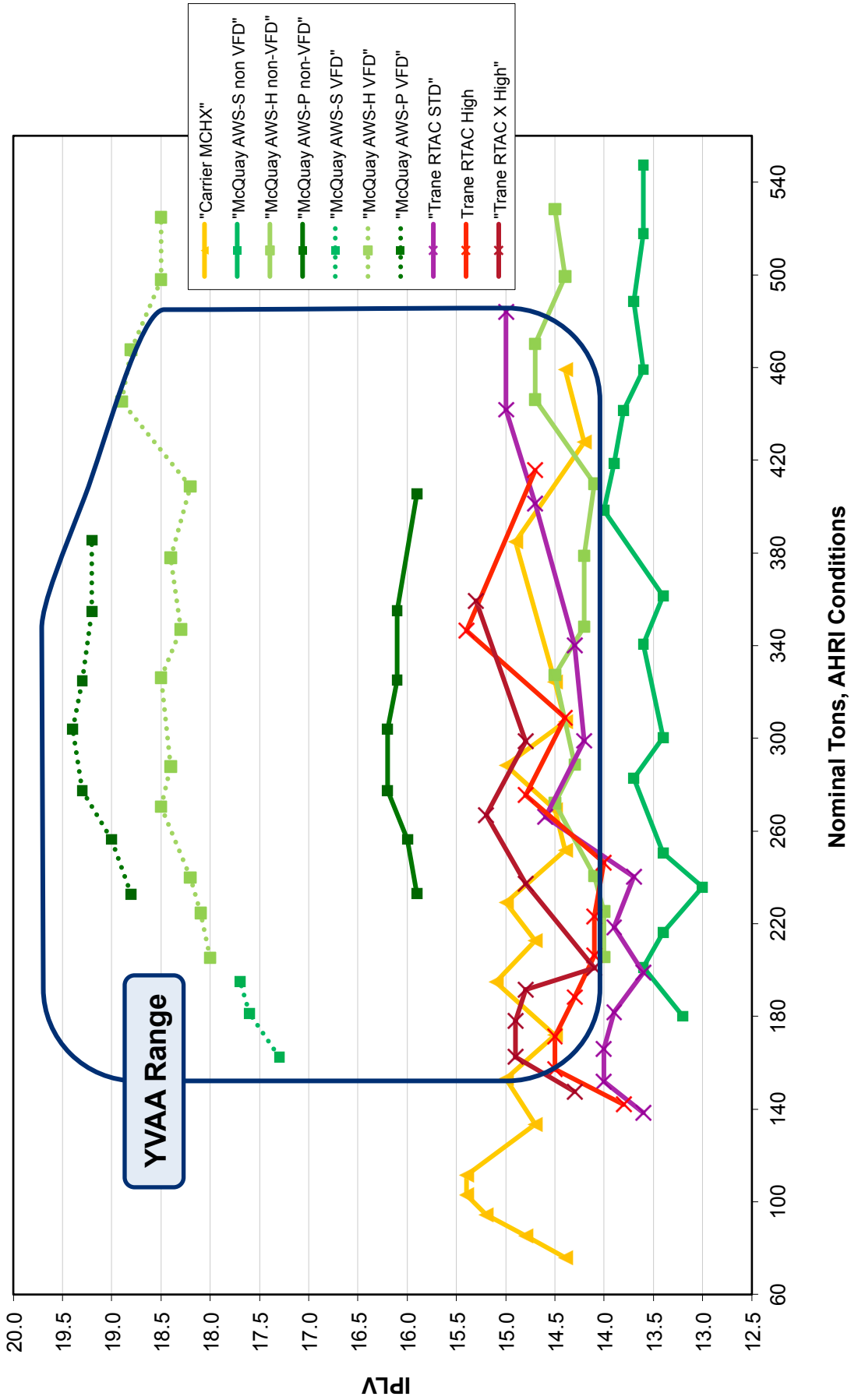


Air-Cooled Screw Chillers 60 Hz – Efficiency - EER Comparison



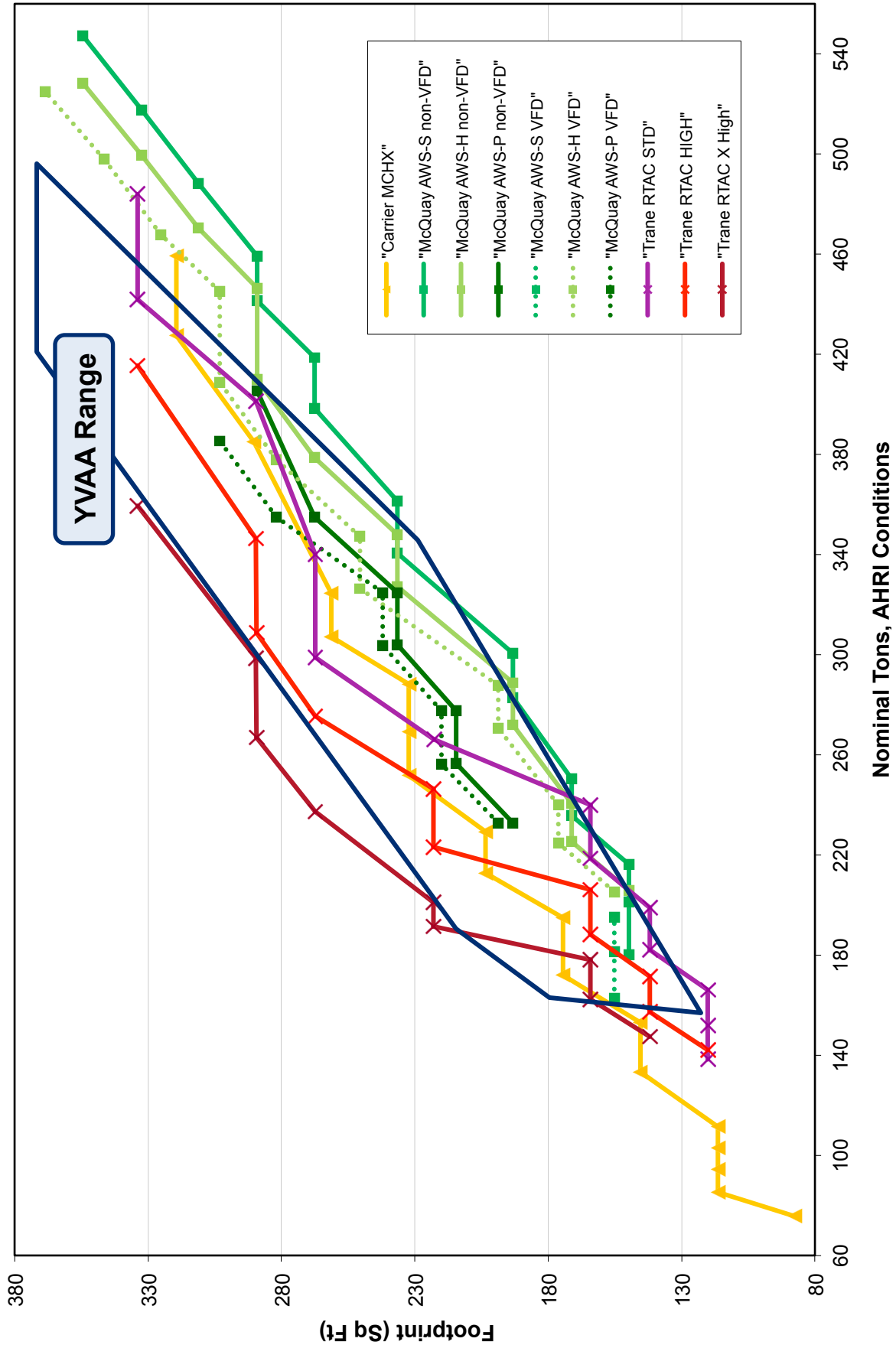
Note - Air-cooled YCIV/YCAV screw chillers are available from 150-515 Tons. Request a Special Quote (SQ) to select a YCIV/YCAV.

Air-Cooled Screw Chillers 60 Hz – Efficiency - IPLV Comparison



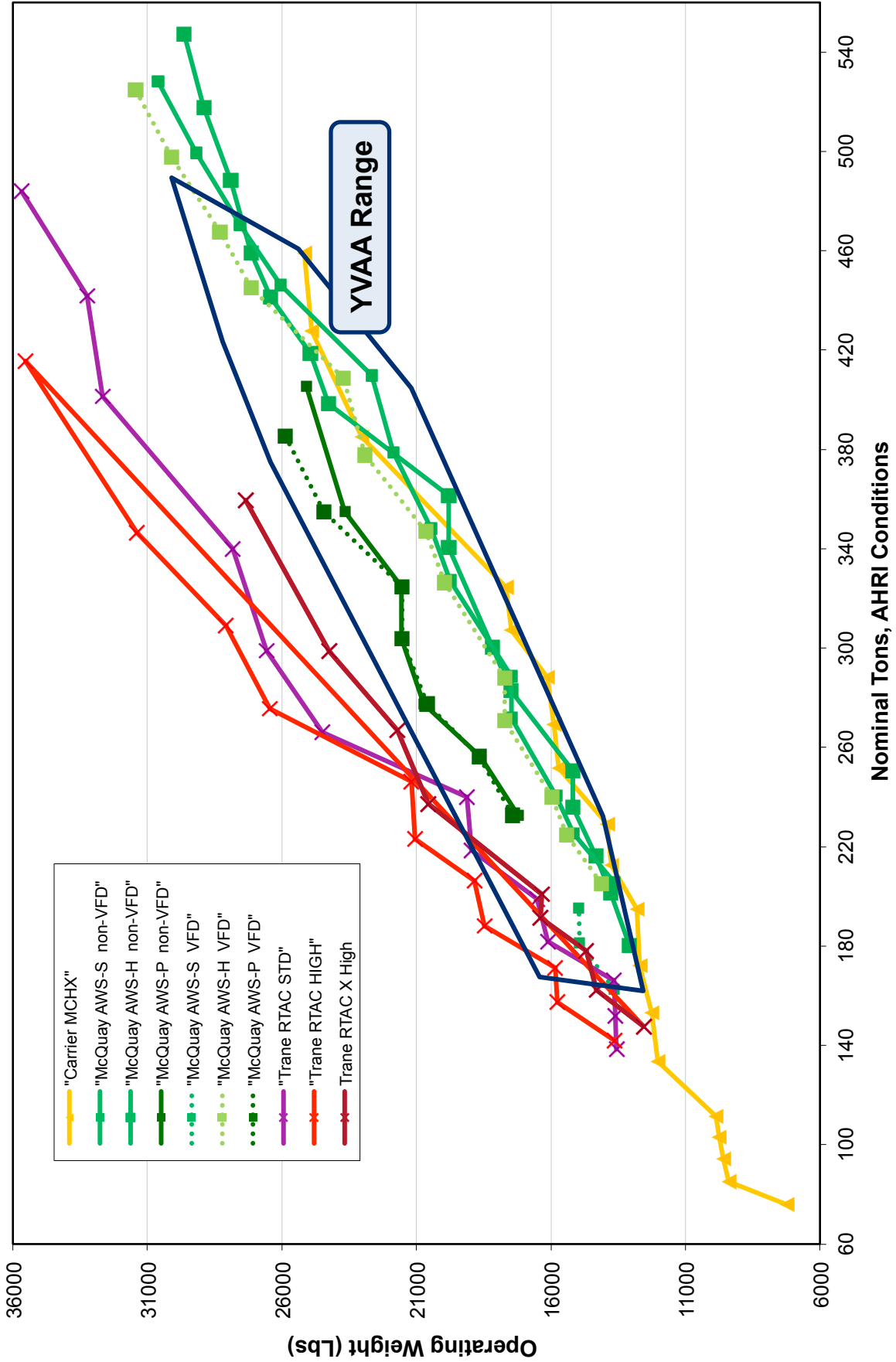
Note - Air-cooled YCIV/YCAV screw chillers are available from 150-515 Tons. Request a Special Quote (SQ) to select a YCIV/YCAV.

Air-Cooled Screw Chillers 60 Hz – Installed Footprint Comparison



Note - Air-cooled YCIV/YCAV screw chillers are available from 150-515 Tons. Request a Special Quote (SQ) to select a YCIV/YCAV.

Air-Cooled Screw Chillers 60 Hz – Operating Weight Comparison



Note - Air-cooled YCIV/YCAV screw chillers are available from 150-515 Tons. Request a Special Quote (SQ) to select a YCIV/YCAV.

SMALL TONNAGE WATER-COOLED CHILLERS 0 TO 100 TONS

	MFG	MODEL	SIZE	COMPRESSOR TYPE	95°/44° 60Hz		UNIT EFFICIENCY					
					Capacity Tons	Total kW	Full Load			Part Load		
							kW/Ton	EER	COP	kW/Ton	IPLV	COP
1	MCQUAY	WGZ	030	Scroll	30.0	-	0.779	15.4	4.51	0.619	19.9	5.83
2	MCQUAY	WGZ	035	Scroll	34.6	-	0.745	16.1	4.72	0.606	20.3	5.95
3	MCQUAY	WGZ	040	Scroll	40.7	-	0.736	16.1	4.72	0.600	20.4	5.98
4	MCQUAY	WGZ	045	Scroll	45.5	-	0.745	15.8	4.63	0.603	20.3	5.95
5	MCQUAY	WGZ	050	Scroll	51.4	-	0.769	15.6	4.57	0.619	20.1	5.89
6	YORK	YCWL	0056 SE	Scroll	52.5	-	0.745	16.1	4.72	0.597	21.3	6.24
7	MCQUAY	WGZ	055	Scroll	56.4	-	0.764	15.7	4.60	0.606	20.3	5.95
8	YORK	YCWL	0064 SE	Scroll	60.0	-	0.764	15.8	4.63	0.603	19.9	5.83
9	MCQUAY	WGZ	060	Scroll	60.5	-	0.769	15.6	4.57	0.609	20.2	5.92
10	YORK	YCWL	0064 HE	Scroll	62.5	-	0.727	16.5	4.83	0.594	20.3	5.95
11	YORK	YCWL	0074 SE	Scroll	67.9	-	0.789	15.2	4.45	0.594	20.2	5.92
12	MCQUAY	WGZ	070	Scroll	70.2	-	0.741	15.8	4.63	0.600	20.3	5.95
13	YORK	YCWL	0074 HE	Scroll	72.9	-	0.736	16.4	4.81	0.580	20.7	6.07
14	CARRIER	HXC	076	Screw	75.4	53.7	0.712	16.9	4.94	0.512	23.4	6.87
15	YORK	YCWL	0084 SE	Scroll	76.6	-	0.759	15.8	4.63	0.558	21.5	6.30
16	TRANE	RTWD	80 Std Eff	Screw	76.7	-	0.742	16.2	4.74	0.556	21.6	6.33
17	MCQUAY	WGZ	080	Scroll	78.3	-	0.759	15.8	4.63	0.603	20.3	5.95
18	TRANE	RTWD	80 High Eff	Screw	81.6	-	0.685	17.5	5.13	0.514	23.3	6.84
19	YORK	YCWL	0084 HE	Scroll	82.8	-	0.714	16.9	4.95	0.545	22.0	6.45
20	CARRIER	HXC	086	Screw	83.1	60.4	0.727	16.5	4.84	0.523	22.9	6.72
21	YORK	YCWL	0094 SE	Scroll	86.0	-	0.741	16.2	4.75	0.556	21.6	6.33
22	MCQUAY	WGZ	090	Scroll	87.1	-	0.755	15.7	4.60	0.615	20.2	5.92
23	TRANE	RTWD	90 Std Eff	Screw	87.9	-	0.737	16.3	4.77	0.557	21.5	6.31
24	YORK	YCWL	0094 HE	Scroll	89.6	-	0.710	17.0	4.98	0.545	22.0	6.45
25	YORK	YCWL	0104 SE	Scroll	93.0	-	0.741	16.2	4.75	0.571	21.0	6.15
26	CARRIER	HXC	096	Screw	94.0	67.0	0.713	16.8	4.93	0.513	23.4	6.85
27	YORK	YCWL	0096 HE	Scroll	94.6	-	0.719	16.8	4.92	0.585	20.5	6.01
28	TRANE	RTWD	90 High Eff	Screw	95.3	-	0.676	17.8	5.20	0.510	23.5	6.89
29	MCQUAY	WGZ	100	Scroll	97.8	-	0.750	16.0	4.69	0.603	20.4	5.98

	DIMENSIONS				OPERATING WEIGHT (lbs)	REFRIGERANT			COMPR #	SOUND		
	(Inches)					Circuit #	Type	Chrg Wt (lbs)		Power Lwa	Pressure	
	L	W	H	SQ FT							dBa	Dist (ft)
1	136.0	32.8	63.4	31.0	2486	2	R410A	90	4	80	72	3
2	136.0	32.8	63.4	31.0	2572	2	R410A	90	4	82	74	3
3	136.0	32.8	63.4	31.0	2631	2	R410A	64	4	86	78	3
4	136.0	32.8	63.4	31.0	2650	2	R410A	94	4	86	78	3
5	136.0	32.8	63.4	31.0	2752	2	R410A	94	4	83	75	3
6	119.6	34.6	64.5	28.8	3455	2	R410a	120	4	84	71	3
7	136.0	32.8	63.4	31.0	2771	2	R410A	100	4	83	75	3
8	119.6	34.6	64.5	28.8	3823	2	R410a	120	4	87	74	3
9	136.0	32.8	63.4	31.0	2801	2	R410A	100	4	83	75	3
10	124.4	33.8	67.6	29.2	4336	2	R410a	130	4	87	74	3
11	125.9	33.8	68.9	29.6	4001	2	R410a	120	4	91	78	3
12	143.3	35.0	65.5	34.8	3887	2	R410A	148	4	86	78	3
13	123.3	33.8	74.6	29.0	4805	2	R410a	180	4	91	78	3
14	102.0	33.6	64.8	23.8	5700	2	R134a	150	2	-	-	-
15	125.9	33.8	68.9	29.6	4470	2	R410a	140	4	93	80	3
16	138.2	34.8	77.0	33.4	5900	2	R134a	229	2	-	-	-
17	149.6	35.0	65.5	36.4	4302	2	R410A	160	4	90	82	3
18	126.4	35.1	76.1	30.8	5733	2	R134a	198	2	-	-	-
19	125.7	33.8	74.6	29.5	4983	2	R410a	180	4	93	80	3
20	102.0	33.6	64.8	23.8	5723	2	R134a	151	2	-	-	-
21	125.9	33.8	72.3	29.6	4878	2	R410a	130	4	93	80	3
22	149.4	35.0	65.5	36.3	4507	2	R410A	160	4	90	82	3
23	138.2	34.8	77.0	33.4	5933	2	R134a	229	2	-	-	-
24	121.8	33.8	76.6	28.6	5674	2	R410a	310	4	93	80	3
25	124.1	33.8	71.8	29.1	5132	2	R410a	160	4	94	81	3
26	102.0	33.6	64.8	23.8	5855	2	R134a	164	2	-	-	-
27	143.4	35.1	72.2	34.9	6224	2	R410a	340	6	88	75	3
28	126.4	35.1	76.1	30.8	5792	2	R134a	194	2	-	-	-
29	149.4	35.0	65.5	36.3	4678	2	R410A	180	4	92	84	3

SMALL TONNAGE WATER-COOLED CHILLERS 0 TO 100 TONS (continued)

EVAPORATOR				CONDENSER			ELECTRICAL DATA (460/3/60)		
Type	Vol gal.	DWP Ref PSIG	DWP Wtr PSIG	Vol gal.	DWP Ref PSIG	DWP Wtr PSIG	Unit MCA (standard)	Unit MCA (w/ OL)	
1	Brazed Plate	1.9	450	653	-	500	232	63	51
2	Brazed Plate	2.2	450	653	-	500	232	71	51
3	Brazed Plate	2.4	450	653	-	500	232	76	55
4	Brazed Plate	2.9	450	653	-	500	232	79	62
5	Brazed Plate	3.4	450	653	-	500	232	98	72
6	DX	22.4	450	150	19.4	560	150	98	69
7	Brazed Plate	3.7	450	653	-	500	232	107	79
8	DX	22.4	450	150	19.4	560	150	114	91
9	Brazed Plate	4.2	450	653	-	500	232	114	85
10	DX	37.3	450	150	26.9	560	150	114	91
11	DX	22.4	450	150	19.4	560	150	122	95
12	Brazed Plate	6.4	450	653	-	500	232	122	96
13	DX	59.8	450	150	26.9	560	150	122	95
14	DX	17	220	300	-	220	300	99.7	-
15	DX	22.4	450	150	26.9	560	150	129	99
16	DX	11.2	200	150	12.4	300	150	94	-
17	Brazed Plate	6.6	450	653	-	500	232	129	106
18	DX	9.8	200	150	11.9	300	150	92	-
19	DX	59.8	450	150	26.9	560	150	129	99
20	DX	17	220	300	-	220	300	111.3	-
21	DX	37.3	450	150	26.9	560	150	157	109
22	Brazed Plate	7.5	450	653	-	500	232	155	116
23	DX	11.2	200	150	14.2	300	150	110	-
24	DX	59.8	450	150	44.1	560	150	157	109
25	DX	37.3	450	150	26.9	560	150	182	117
26	DX	19	220	300	-	220	300	126.2	-
27	DX	57.6	450	150	52.4	560	150	168	133
28	DX	11.9	200	150	12.7	300	150	108	-
29	Brazed Plate	8.0	450	653	-	500	232	178	126

SMALL TONNAGE WATER-COOLED CHILLERS 100 TO 150 TONS

	MFG	MODEL	SIZE	COMPRESSOR TYPE	95°/144° 60Hz		UNIT EFFICIENCY					
					Capacity Tons	Total kW	Full Load			Part Load		
							kW/Ton	EER	COP	kW/Ton	IPLV	COP
1	TRANE	RTWD	100 Std Eff	Screw	100.5	-	0.745	16.1	4.72	0.554	21.7	6.35
2	CARRIER	HXC	106	Screw	104.3	75.3	0.722	16.6	4.87	0.521	23.0	6.75
3	TRANE	RTWD	100 High Eff	Screw	109.8	-	0.673	17.8	5.22	0.496	24.2	7.09
4	YORK	YCWL	0118 SE	Scroll	110.6	-	0.768	15.8	4.63	0.506	23.7	6.94
5	MCQUAY	WGZ	115	Scroll	112.9	-	0.755	15.9	4.66	0.600	20.3	5.95
6	CARRIER	HXC	116	Screw	113.5	79.9	0.733	16.4	4.80	0.509	23.6	6.91
7	TRANE	RTWD	110 Std Eff	Screw	113.7	-	0.747	16.1	4.71	0.562	21.4	6.26
8	YORK	YCWL	0118 HE	Scroll	117.5	-	0.709	17.2	5.04	0.482	24.9	7.30
9	CARRIER	HXC	126	Screw	122.9	86.8	0.751	16.0	4.68	0.530	22.6	6.63
10	TRANE	RTWD	110 High Eff	Screw	124.3	-	0.671	17.9	5.24	0.506	23.7	6.95
11	TRANE	RTWD	120 Std Eff	Screw	124.8	-	0.733	16.4	4.80	0.555	21.6	6.34
12	YORK	YVWA*	*	VSD Screw	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.							
13	MCQUAY	WGZ	130	Scroll	126.7	-	0.779	15.6	4.57	0.600	20.2	5.92
14	YORK	YCWL	0132 SE	Scroll	127.6	-	0.743	16.4	4.81	0.506	23.7	6.94
15	YORK	YCWL	0127HE	Scroll	128.7	-	0.714	17.0	4.98	0.484	24.8	7.27
16	MCQUAY	WGS	130	Screw	130.0	94.3	0.725	16.6	4.85	0.554	21.7	6.35
17	YORK	YVWA*	*	VSD Screw	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.							
18	TRANE	RTWD	120 High Eff	Screw	132.5	-	0.671	17.9	5.24	0.507	23.7	6.93
19	TRANE	RTWD	130 Std Eff	Screw	132.8	-	0.735	16.3	4.78	0.563	21.3	6.25
20	YORK	YVWA*	*	VSD Screw	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.							
21	CARRIER	HXC	136	Screw	136.5	97.0	0.711	16.9	4.95	0.541	22.2	6.50
22	YORK	YVWA*	*	VSD Screw	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.							
23	MCQUAY	WGS	140	Screw	140.7	102.3	0.727	16.5	4.84	0.545	22.0	6.45
24	TRANE	RTWD	130 High Eff	Screw	140.8	-	0.668	18.0	5.26	0.513	23.4	6.85
25	YORK	YCWL	0157SE	Scroll	144.2	-	0.727	16.6	4.86	0.508	23.6	6.91
26	YORK	YVWA*	*	VSD Screw	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.							
27	TRANE	RTWD	140 Std Eff	Screw	145.2	-	0.737	16.3	4.77	0.556	21.6	6.32
28	CARRIER	HXC	146	Screw	145.9	105.1	0.720	16.7	4.88	0.533	22.5	6.60
29	MCQUAY	WGZ	150	Scroll	148.2	-	0.750	16.0	4.69	0.600	21.1	6.18
30	YORK	YCWL	0157HE	Scroll	148.9	-	0.702	17.2	5.04	0.494	24.3	7.12

	DIMENSIONS				OPERATING WEIGHT (lbs)	REFRIGERANT			COMPR #	SOUND		
	(Inches)					Circuit #	Type	Chrg Wt (lbs)		Power Lwa	Pressure	
	L	W	H	SQ FT							dBa	Dist (ft)
1	138.2	34.8	77.0	33.4	6140	2	R134a	227	2	-	-	-
2	102.0	33.6	67.2	23.8	6177	2	R134a	180	2	-	-	-
3	127.0	35.1	77.0	31.0	6255	2	R134a	249	2	-	-	-
4	124.1	33.8	71.8	29.1	5078	2	R410a	160	4	95	82	3
5	149.4	35.0	65.5	36.3	4712	2	R410A	200	4	93	85	3
6	102.0	33.6	64.8	23.8	6415	2	R134a	201	2	-	-	-
7	138.2	34.8	77.0	33.4	6332	2	R134a	225	2	-	-	-
8	123.3	33.8	76.5	29.0	5806	2	R410a	310	4	95	82	3
9	133.2	33.6	64.8	31.1	6465	2	R134a	201	2	-	-	-
10	127.0	35.1	77.0	31.0	6475	2	R134a	247	2	-	-	-
11	138.8	34.8	76.9	33.5	6531	2	R134a	265	2	-	-	-
12	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.											
13	149.4	35.0	65.5	36.3	4772	2	R410A	200	4	95	87	3
14	123.3	33.8	74.5	29.0	5440	2	R410a	260	4	96	83	3
15	145.2	34.8	77.6	35.1	6996	2	R410a	360	6	95	82	3
16	169.9	34.0	74.6	40.1	8557	2	R134a	127	2	83	74	3
17	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.											
18	127.0	35.1	77.0	31.0	6511	2	R134a	243	2	-	-	-
19	138.8	34.8	76.9	33.5	6535	2	R134a	260	2	-	-	-
20	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.											
21	133.2	33.6	64.8	31.1	6688	2	R134a	213	2	-	-	-
22	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.											
23	169.9	34.0	74.6	40.1	8557	2	R134a	127	2	84	74	3
24	127.0	35.1	77.0	31.0	6544	2	R134a	238	2	-	-	-
25	143.4	33.8	76.5	33.7	7316	2	R410a	340	4	95	82	3
26	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.											
27	138.8	34.8	76.9	33.5	6972	2	R134a	260	2	-	-	-
28	133.2	33.6	64.8	31.1	6718	2	R134a	219	2	-	-	-
29	170.2	36.5	77.7	43.1	7370	2	R410A	300	6	92	84	3
30	143.4	34.8	77.3	34.7	7697	2	R410a	390	6	95	82	3

SMALL TONNAGE WATER-COOLED CHILLERS 100 TO 150 TONS (continued)

	EVAPORATOR			CONDENSER			ELECTRICAL DATA (460/3/60)		
	Type	Vol gal.	DWP Ref PSIG	DWP Wtr PSIG	Vol gal.	DWP Ref PSIG	DWP Wtr PSIG	Unit MCA (standard)	Unit MCA (w/ OL)
1	DX	12.6	200	150	16.0	300	150	127	-
2	DX	22.6	220	300	-	220	300	143.3	-
3	DX	12.8	200	150	14.9	300	150	124	-
4	DX	37.3	450	150	26.9	560	150	208	140
5	Brazed Plate	8.5	450	653	-	500	232	208	147
6	DX	21.4	220	300	-	220	300	152.6	-
7	DX	14.0	200	150	16.9	300	150	141	-
8	DX	59.8	450	150	44.1	560	150	200	140
9	DX	21.4	220	300	-	220	300	164.5	-
10	DX	15.3	200	150	16.6	300	150	137	-
11	DX	15.2	200	150	18.5	300	150	155	-
12	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.								
13	Brazed Plate	10.5	450	653	-	500	232	233	166
14	DX	59.8	450	150	35.2	560	150	232	160
15	DX	77.0	450	150	52.4	560	150	190	146
16	DX	-	354	150	-	350	225	201	-
17	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.								
18	DX	16.4	200	150	17.2	300	150	152	-
19	DX	16.2	200	150	18.5	300	150	166	-
20	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.								
21	DX	24	220	300	-	220	300	183.8	-
22	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.								
23	DX	-	354	150	-	350	225	209	-
24	DX	17.3	200	150	18.0	300	150	164	-
25	DX	57.6	450	150	52.4	560	150	268	172
26	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.								
27	DX	17.7	200	150	20.9	300	150	185	-
28	DX	24	220	300	-	220	300	197.5	-
29	DX	57.6	450	150	-	500	232	262	185
30	DX	77.0	450	150	59.1	560	150	268	172

SMALL TONNAGE WATER-COOLED CHILLERS 150 TO 200 TONS

	MFG	MODEL	SIZE	COMPRESSOR TYPE	95°/44° 60Hz Capacity Tons	Total kW	UNIT EFFICIENCY					
							Full Load			Part Load		
							kW/Ton	EER	COP	kW/Ton	IPLV	COP
1	TRANE	RTHD	150	Screw	150.0	-	0.629	19.1	5.43	0.52	23.1	6.76
2	YORK	YVWA*	*	VSD Screw	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.							
3	TRANE	RTWD	150 High Eff	Screw	153.5	-	0.677	17.7	5.19	0.517	23.2	6.80
4	YORK	YVWA*	*	VSD Screw	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.							
5	CARRIER	HXC	161	Screw	156.5	111.7	0.714	16.8	4.92	0.520	23.1	6.76
6	MCQUAY	WGS	160	Screw	156.7	112.0	0.715	16.8	4.92	0.546	22.0	6.44
7	TRANE	RTWD	150 Premium Eff	Screw	159.8	-	0.635	18.9	5.54	0.483	24.8	7.28
8	CARRIER	30XW	150	Screw	160.0	105.0	0.656	18.3	5.36	0.561	21.4	6.27
9	YORK	YVWA*	*	VSD Screw	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.							
10	CARRIER	HXC	171	Screw	165.9	118.2	0.712	16.9	4.94	0.538	22.3	6.54
11	YORK	YCWL	0177 SE	Scroll	167.0	-	0.701	17.2	5.04	0.471	25.5	7.47
12	TRANE	RTWD	160 High Eff	Screw	167.6	-	0.674	17.8	5.22	0.521	23.0	6.75
13	MCQUAY	WGZ	170	Scroll	169.3	-	0.719	16.0	4.69	0.597	21.3	6.24
14	MCQUAY	WGS	170	Screw	169.6	121.3	0.715	16.8	4.92	0.536	22.4	6.56
15	YORK	YVWA*	*	VSD Screw	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.							
16	CARRIER	30XW	175	Screw	170.1	110.5	0.650	18.5	5.41	0.550	21.8	6.39
17	TRANE	RTWD	160 Premium Eff	Screw	174.4	-	0.635	18.9	5.54	0.492	24.4	7.15
18	TRANE	RTHD	175	Screw	175.0	-	0.612	19.6	5.58	0.511	23.5	6.88
19	YORK	YVWA*	*	VSD Screw	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.							
20	CARRIER	HXC	186	Screw	177.2	126.7	0.715	16.8	4.92	0.562	21.4	6.26
21	CARRIER	30XW	185	Screw	178.2	120.1	0.674	17.8	5.22	0.563	21.3	6.25
22	YORK	YVWA*	*	VSD Screw	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.							
23	MCQUAY	WGS	190	Screw	182.1	130.5	0.717	16.7	4.90	0.548	21.9	6.42
24	TRANE	RTWD	180 High Eff	Screw	182.9	-	0.665	18.0	5.29	0.510	23.5	6.89
25	YORK	YVWA*	*	VSD Screw	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.							
26	MCQUAY	WGZ	200	Scroll	188.1	-	0.719	16.0	4.69	0.615	21.0	6.15
27	TRANE	RTWD	180 Premium Eff	Screw	189.7	-	0.629	19.1	5.59	0.482	24.9	7.29
28	YORK	YVWA*	*	VSD Screw	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.							
29	CARRIER	30XW	200	Screw	191.1	123.9	0.648	18.5	5.43	0.556	21.6	6.32
30	YORK	YVWA*	*	VSD Screw	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.							
31	TRANE	RTWD	200 High Eff	Screw	198.8	-	0.656	18.3	5.36	0.511	23.5	6.88
32	YORK	YCWL	0198 SE	Scroll	198.9	-	0.713	16.9	4.95	0.482	24.9	7.30

	DIMENSIONS				OPERATING WEIGHT (lbs)	REFRIGERANT			COMPR #	SOUND		
	(Inches)					Circuit #	Type	Chrg Wt (lbs)		Power Lwa	Pressure	
	L	W	H	SQ FT							dBa	Dist (ft)
1	-	-	-	-	-	1	R134a	-	-	-	-	
2	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.											
3	132.2	49.4	77.0	45.4	7895	2	R134a	278	2	-	-	
4	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.											
5	133.2	34.8	69.6	32.2	7452	2	R134a	267	2	-	-	
6	169.9	34.0	76.6	40.1	9314	2	R134a	128	2	84	75	
7	147.8	49.4	76.9	50.7	8735	2	R134a	357	2	-	-	
8	120.9	43.4	70.9	36.4	7,281	1	R134a	290	1	-	-	
9	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.											
10	133.2	34.8	69.6	32.2	7660	2	R134a	259	2	-	-	
11	143.4	33.8	76.5	33.7	6970	2	R410a	340	5	95	82	
12	132.2	49.4	77.0	45.4	8408	2	R134a	282	2	-	-	
13	170.2	36.5	77.7	43.1	7758	2	R410A	300	6	94	86	
14	169.9	34.0	76.6	40.1	9505	2	R134a	124	2	85	75	
15	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.											
16	120.9	43.4	70.9	36.4	7,421	1	R134a	300	1	-	-	
17	147.8	49.4	76.9	50.7	9182	2	R134a	366	2	-	-	
18	-	-	-	-	-	1	R134a	-	1	-	-	
19	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.											
20	133.2	34.8	69.6	32.2	7854	2	R134a	270	2	-	-	
21	120.9	43.4	70.9	36.4	7,356	1	R134a	290	1	-	-	
22	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.											
23	169.9	34.0	76.6	40.1	9505	2	R134a	124	2	85	76	
24	132.2	49.4	77.0	45.4	8501	2	R134a	278	2	-	-	
25	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.											
26	170.2	36.5	77.7	43.1	7873	2	R410A	300	6	96	88	
27	147.8	49.4	76.9	50.7	9304	2	R134a	362	2	-	-	
28	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.											
29	120.9	43.4	70.9	36.4	7,551	1	R134a	300	1	-	-	
30	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.											
31	132.2	49.4	77.0	45.4	8589	2	R134a	273	2	-	-	
32	143.4	33.8	76.5	33.7	7325	2	R410a	340	6	95	82	

SMALL TONNAGE WATER-COOLED CHILLERS 150 TO 200 TONS (continued)

Type	EVAPORATOR			CONDENSER			ELECTRICAL DATA (460/3/60)	
	Vol gal.	DWP Ref PSIG	DWP Wtr PSIG	Vol gal.	DWP Ref PSIG	DWP Wtr PSIG	Unit MCA (standard)	Unit MCA (w/ OL)
-	-	-	-	-	-	-	-	-
*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.								
DX	18.8	200	150	21.6	300	150	164	-
*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.								
DX	28.5	220	300	-	220	300	200.1	-
DX	-	354	150	-	350	225	216	-
DX	27.1	200	150	30.0	300	150	185	-
-	-	220	150/300	-	220/300	150/300	222.8	-
*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.								
DX	28.5	220	300	-	220	300	215.0	-
DX	57.6	450	150	52.4	560	150	258	175
DX	20.0	200	150	22.9	300	150	164	-
DX	56.9	450	150	-	500	232	303	216
DX	-	354	150	-	350	225	228	-
*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.								
-	-	220	150/300	-	220/300	150/300	222.8	-
DX	27.1	200	150	30.0	300	150	185	-
-	-	-	-	-	-	-	-	-
*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.								
DX	33.4	220	300	-	220	300	232.0	-
-	-	220	150/300	-	220/300	150/300	251.6	-
*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.								
DX	-	354	150	-	350	225	237	-
DX	22.0	200	150	24.6	300	150	164	-
*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.								
DX	56.9	450	150	-	500	232	341	244
DX	28.6	200	150	32.9	300	150	185	-
*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.								
-	-	220	150/300	-	220/300	150/300	251.6	-
*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.								
DX	23.8	200	150	26.2	300	150	164	-
DX	57.6	450	150	52.4	560	150	308	208

SMALL TONNAGE WATER-COOLED CHILLERS 200 TO 300 TONS

	MFG	MODEL	SIZE	COMPRESSOR TYPE	95°/44° 60Hz		UNIT EFFICIENCY					
					Capacity Tons	Total kW	Full Load			Part Load		
							kW/Ton	EER	COP	kW/Ton	IPLV	COP
1	TRANE	RTHD	200	Screw	200.0	-	0.601	20.0	5.68	0.504	23.8	6.98
2	YORK	YVWA*	*	VSD Screw	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.							
3	TRANE	RTWD	200 Premium Eff	Screw	205.8	-	0.625	19.2	5.63	0.486	24.7	7.23
4	YORK	YVWA*	*	VSD Screw	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.							
5	CARRIER	HXC	206	Screw	211.5	146.4	0.692	17.3	5.08	0.510	23.5	6.89
6	YORK	YVWA*	*	VSD Screw	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.							
7	TRANE	RTWD	220 High Eff	Screw	217.6	-	0.677	17.7	5.19	0.527	22.8	6.67
8	YORK	YVWA*	*	VSD Screw	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.							
9	CARRIER	30XW	225	Screw	222.5	147.7	0.664	18.1	5.30	0.537	22.3	6.55
10	YORK	YVWA*	*	VSD Screw	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.							
11	MCQUAY	WMC	250D	Magnetic Bearing	230.0	-	0.611	19.6	5.75	0.345	34.8	10.19
12	YORK	YVWA*	*	VSD Screw	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.							
13	TRANE	RTWD	250 High Eff	Screw	239.2	-	0.678	17.7	5.19	0.528	22.7	6.66
14	YORK	YVWA*	*	VSD Screw	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.							
15	CARRIER	30XW	250	Screw	241.1	151.9	0.630	19.0	5.58	0.526	22.8	6.68
16	CARRIER	30XW	260	Screw	244.8	165.7	0.677	17.7	5.19	0.547	21.9	6.43
17	YORK	YVWA*	*	VSD Screw	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.							
18	CARRIER	HXC	246	Screw	248.6	172.4	0.693	17.3	5.07	0.522	23.0	6.74
19	TRANE	RTHD	250	Screw	250.0	-	0.609	19.7	5.61	0.515	23.3	6.83
20	YORK	YVWA*	*	VSD Screw	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.							
21	CARRIER	HXC	261	Screw	257.2	180.5	0.702	17.1	5.01	0.523	22.9	6.72
22	YORK	YVWA*	*	VSD Screw	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.							
23	CARRIER	30XW	275	Screw	262.8	168.2	0.640	18.8	5.49	0.534	22.5	6.58
24	YORK	YVWA*	*	VSD Screw	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.							
25	CARRIER	HXC	271	Screw	267.4	189.5	0.709	16.9	4.96	0.525	22.9	6.70
26	YORK	YVWA*	*	VSD Screw	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.							
27	TRANE	RTHD	275	Screw	275.0	-	0.593	20.2	5.76	0.489	24.5	7.19
28	YORK	YVWA*	*	VSD Screw	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.							
29	CARRIER	30XW	300	Screw	285.5	184.3	0.646	18.6	5.44	0.539	22.3	6.52
30	YORK	YVWA*	*	VSD Screw	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.							

	DIMENSIONS				OPERATING WEIGHT (lbs)	REFRIGERANT			COMPR #	SOUND		
	(Inches)					Circuit #	Type	Chrg Wt (lbs)		Power Lwa	Pressure	
	L	W	H	SQ FT							dBa	Dist (ft)
1	-	-	-	-	-	1	R134a	-	-	-	-	
2	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.											
3	147.8	49.4	76.9	50.7	9348	2	R134a	357	2	-	-	
4	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.											
5	133.2	36.0	74.4	33.3	10,581	2	R134a	355	3	-	-	
6	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.											
7	136.1	47.7	77.0	45.1	9491	2	R134a	364	2	-	-	
8	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.											
9	130.7	48.0	78.8	43.6	9,936	1	R134a	420	1	-	-	
10	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.											
11	-	-	-	-	-	-	R134a	-	-	81.7	-	
12	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.											
13	136.1	47.7	77.0	45.1	10053	2	R134a	362	2	-	-	
14	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.											
15	130.7	48.0	78.8	43.6	10,010	1	R134a	430	1	-	-	
16	130.7	48.0	78.8	43.6	9,956	1	R134a	420	1	-	-	
17	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.											
18	148.8	36.0	74.4	37.2	10,969	2	R134a	355	3	-	-	
19	-	-	-	-	-	1	R134a	-	1	-	-	
20	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.											
21	148.8	36.0	74.4	37.2	10,992	2	R134a	355	3	-	-	
22	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.											
23	130.7	48.0	78.8	43.6	10,029	1	R134a	430	1	-	-	
24	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.											
25	148.8	36.0	74.4	37.2	11,029	2	R134a	355	3	-	-	
26	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.											
27	-	-	-	-	-	1	R134a	-	1	-	-	
28	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.											
29	130.7	48.0	78.8	43.6	10,043	1	R134a	430	1	-	-	
30	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.											

SMALL TONNAGE WATER-COOLED CHILLERS 200 TO 300 TONS *(continued)*

Type	EVAPORATOR			CONDENSER			ELECTRICAL DATA (460/3/60)	
	Vol gal.	DWP Ref PSIG	DWP Wtr PSIG	Vol gal.	DWP Ref PSIG	DWP Wtr PSIG	Unit MCA (standard)	Unit MCA (w/ OL)
	-	-	-	-	-	-	-	-
*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.								
DX	30.6	200	150	32.9	300	150	185	-
*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.								
DX	43.1	220	300	-	220	300	263.2	-
*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.								
DX	27.9	200	150	31.1	300	150	164	-
*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.								
-	-	220	150/300	-	220/300	150/300	299.6	-
*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.								
-	-	-	-	-	-	-	-	-
*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.								
DX	31.0	200	150	39.2	300	150	164	-
*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.								
-	-	220	150/300	-	220/300	150/300	299.6	-
-	-	220	150/300	-	220/300	150/300	331.8	-
*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.								
DX	47.2	220	300	-	220	300	303.2	-
-	-	-	-	-	-	-	-	-
*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.								
DX	47.2	220	300	-	220	300	318.1	-
*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.								
-	-	220	150/300	-	220/300	150/300	331.8	-
*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.								
DX	47.2	220	300	-	220	300	335.1	-
*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.								
-	-	-	-	-	-	-	-	-
*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.								
-	-	220	150/300	-	220/300	150/300	354.1	-
*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.								

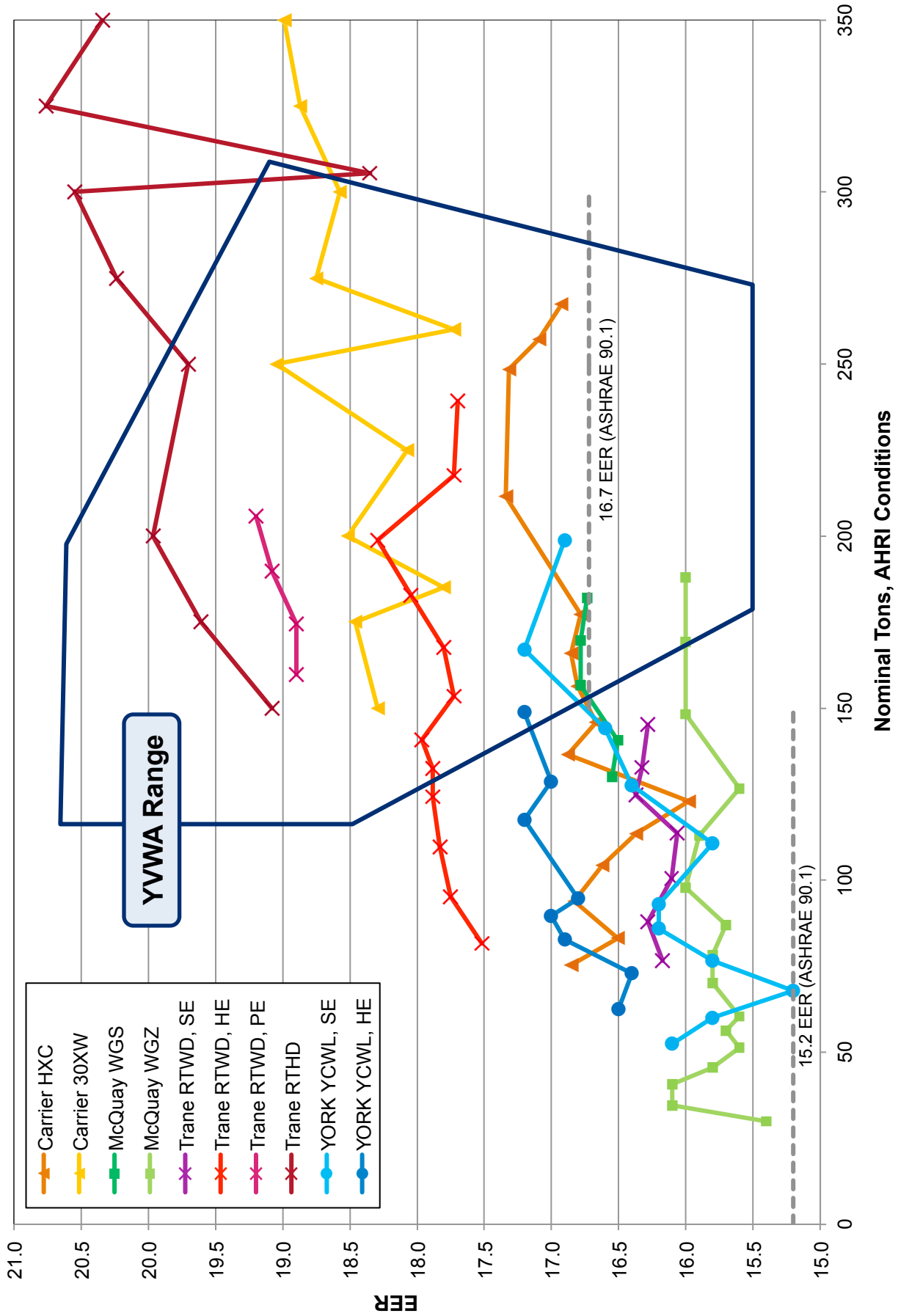
SMALL TONNAGE WATER-COOLED CHILLERS 300 TO 500 TONS

	MFG	MODEL	SIZE	COMPRESSOR TYPE	95°/44° 60Hz		UNIT EFFICIENCY					
					Capacity Tons	Total kW	Full Load			Part Load		
							kW/Ton	EER	COP	kW/Ton	IPLV	COP
1	CARRIER	23XRV	Range	Screw	300-550	-	0.530	22.6	6.63	0.330	36.4	10.65
2	TRANE	RTHD	300	Screw	300.0	-	0.584	20.5	5.85	0.485	24.7	7.25
3	YORK	YVWA*	*	VSD Screw	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.							
4	TRANE	RTHD	305.4	Screw	305.4	-	0.654	18.3	5.22	0.526	22.8	6.69
5	CARRIER	30XW	325	Screw	322.2	204.7	0.636	18.9	5.53	0.476	25.2	7.39
6	TRANE	RTHD	325	Screw	325.0	-	0.578	20.8	5.91	0.48	25.0	7.33
7	CARRIER	30XW	350	Screw	343.0	216.8	0.632	19.0	5.56	0.472	25.4	7.45
8	TRANE	RTHD	350	Screw	350.0	-	0.590	20.3	5.79	0.49	24.5	7.18
9	CARRIER	30XW	375	Screw	364.3	236.5	0.649	18.5	5.42	0.481	24.9	7.31
10	TRANE	RTHD	375	Screw	375.0	-	0.584	20.5	5.85	0.486	24.7	7.24
11	CARRIER	30XW	400	Screw	385.0	242.8	0.631	19.0	5.57	0.475	25.3	7.40
12	TRANE	RTHD	400	Screw	400.0	-	0.578	20.8	5.91	0.483	24.8	7.28
13	TRANE	RTHD	425	Screw	425.0	-	0.574	20.9	5.95	0.479	25.1	7.34

	DIMENSIONS				OPERATING WEIGHT (lbs)	REFRIGERANT			COMPR #	Power Lwa	SOUND	
	(Inches)					Circuit #	Type	Chrg Wt (lbs)			Pressure	
	L	W	H	SQ FT							dBa	Dist (ft)
1	-	-	-	-	-	-	R134a	-	-	-	-	
2	-	-	-	-	-	1	R134a	-	1	-	-	
3	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.											
4	-	-	-	-	-	1	R134a	-	1	-	-	
5	159.8	48.0	78.7	53.3	14,319	2	R134a	520	2	-	-	
6	-	-	-	-	-	1	R134a	-	1	-	-	
7	159.8	48.0	78.7	53.3	14,515	2	R134a	540	2	-	-	
8	-	-	-	-	-	1	R134a	-	1	-	-	
9	159.8	48.0	78.7	53.3	14,468	2	R134a	520	2	-	-	
10	-	-	-	-	-	1	R134a	-	1	-	-	
11	159.8	48.0	78.7	53.3	14,759	2	R134a	540	2	-	-	
12	-	-	-	-	-	1	R134a	-	1	-	-	
13	-	-	-	-	-	1	R134a	-	1	-	-	

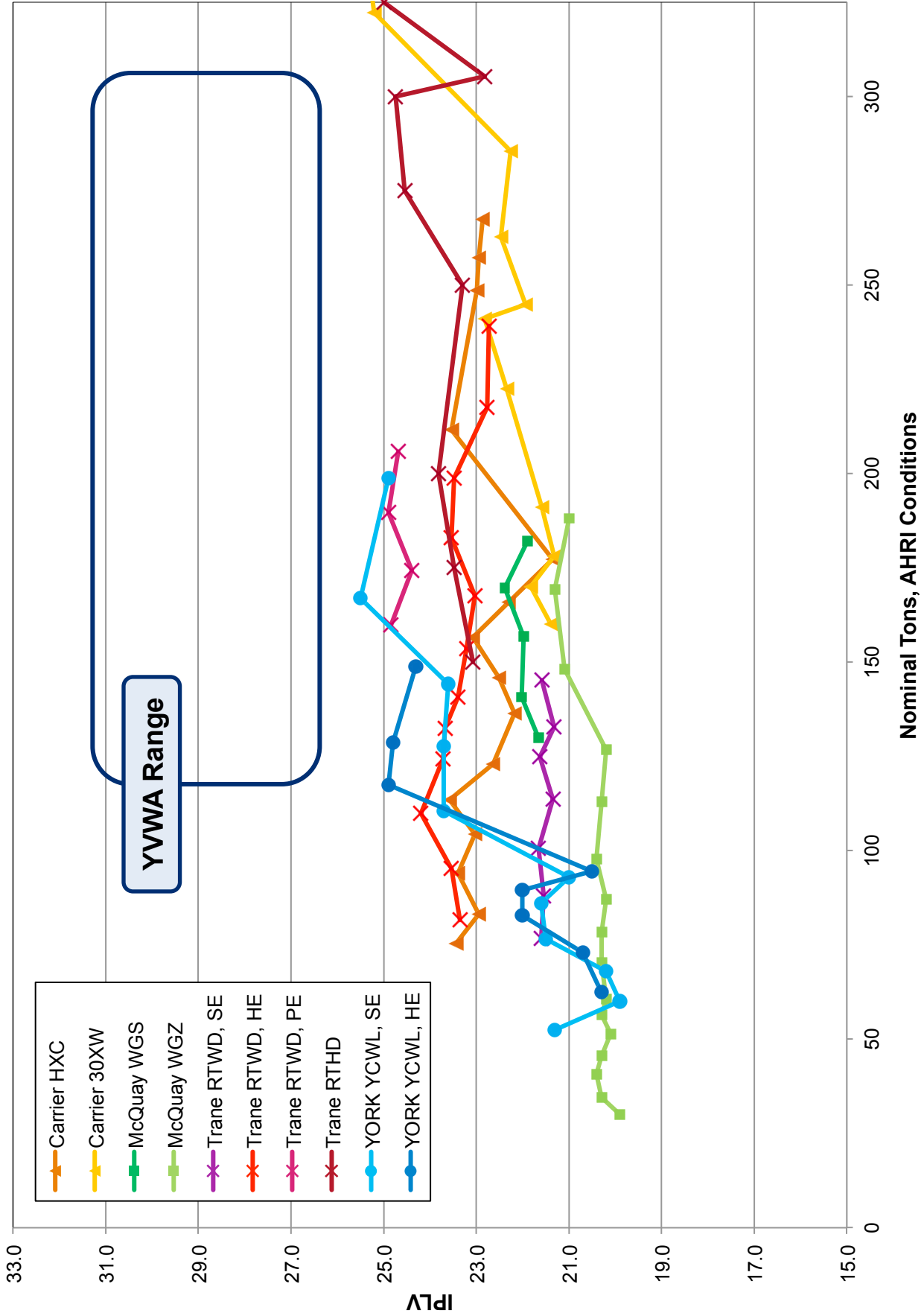
	EVAPORATOR			CONDENSER			ELECTRICAL DATA (460/3/60)		
	Type	Vol gal.	DWP Ref PSIG	DWP Wtr PSIG	Vol gal.	DWP Ref PSIG	DWP Wtr PSIG	Unit MCA	Unit MCA
								(standard)	(w/ OL)
1	-	-	-	-	-	-	-	-	
2	-	-	-	-	-	-	-	-	
3	*YVWA available from 125 to 300 TR in .1 ton increments. Refer to YORKworks for specific model details.								
4	-	-	-	-	-	-	-	-	
5	-	-	220	150/300	-	220/300	150/300	401.0	
6	-	-	-	-	-	-	-	-	
7	-	-	220	150/300	-	220/300	150/300	401.0	
8	-	-	-	-	-	-	-	-	
9	-	-	220	150/300	-	220/300	150/300	452.9	
10	-	-	-	-	-	-	-	-	
11	-	-	220	150/300	-	220/300	150/300	452.9	
12	-	-	-	-	-	-	-	-	
13	-	-	-	-	-	-	-	-	

Small Tonnage Water-Cooled Chillers – Efficiency - EER Comparison



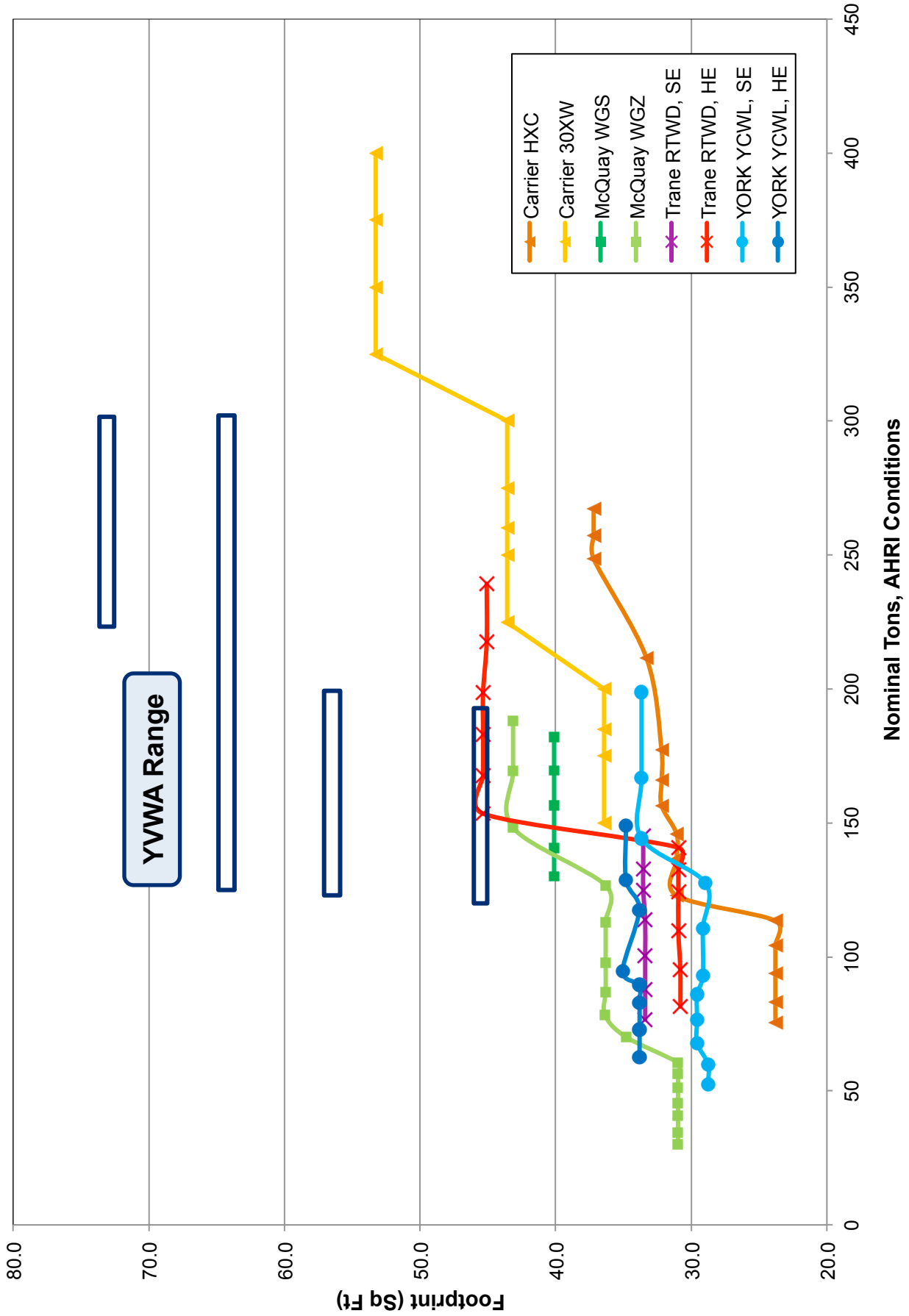
Note - Water-cooled YS screw chillers are also available for unique applications.

Small Tonnage Water-Cooled Chillers – Efficiency - IPLV Comparison



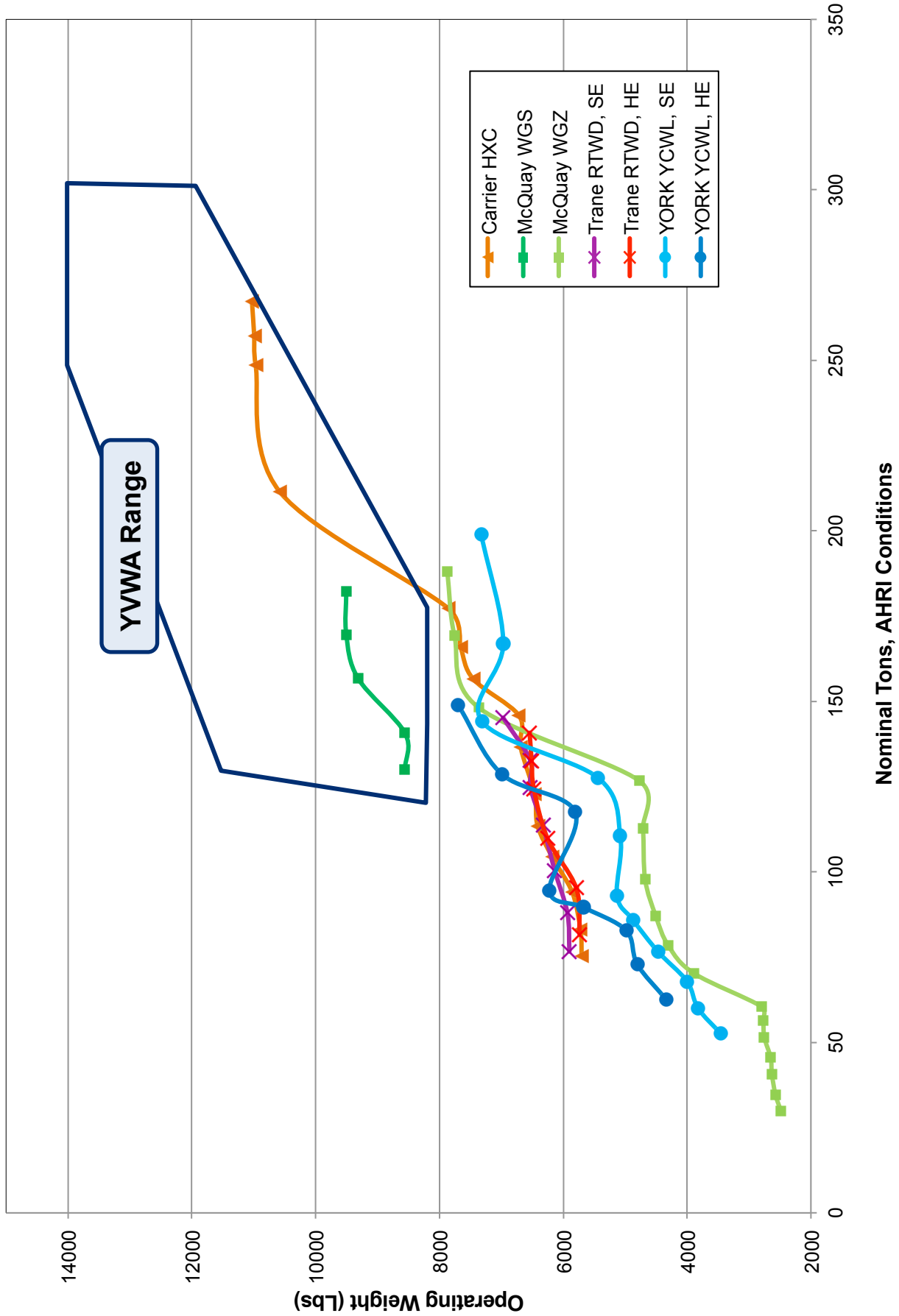
Note - Water-cooled YS screw chillers are also available for unique applications.

Small Tonnage Water-Cooled Chillers – Installed Footprint Comparison



Note - Water-cooled YS screw chillers are also available for unique applications.

Small Tonnage Water-Cooled Chillers – Operating Weight Comparison



Note - Water-cooled YS screw chillers are also available for unique applications.

Printed on recycled paper

Form: 150.70-CD1 (0514) Supersedes: 150.70-CD1 (1110)
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