



Engineering Dimensions & Data *Models ATC 949B to 1925B*

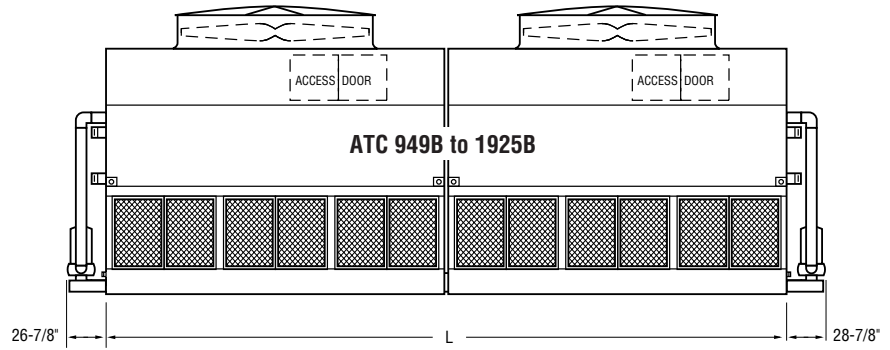
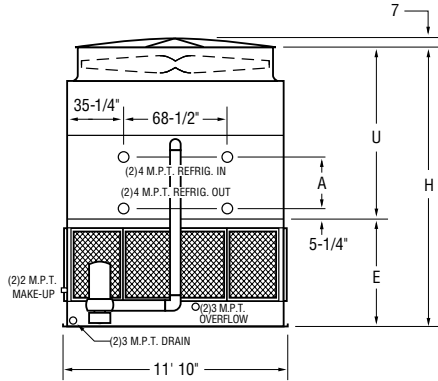


Table 11 Engineering Data

ATC Model No.*	R-717 Tons*	Fans		Weights			Refrigerant Charge lbs.***	Coil Volume ft ³	Spray Pump		Remote Pump		Dimensions					
		HP	CFM	Shipping	Operating	Heaviest Section†			HP	GPM	Gallons Req'd**	Conn. Size	Operating Weight	Height H	Upper U	Lower E	Coil A	Length L
949B	674	(2)25	173,200	32,780	46,360	13,840	790	108	(2)5	1,600	980	(2)12"	38,540	15' 1-1/4"	8' 11-1/8"	6' 2-1/8"	30-3/4"	24' 2"
980B	695	(2)15	138,900	41,530	55,850	18,220	1,180	161	(2)5	1,600	980	(2)12"	48,030	16' 6-1/4"	10' 4-1/8"	6' 2-1/8"	47-3/4"	24' 2"
1007B	714	(2)20	157,800	36,970	50,920	15,940	985	134	(2)5	1,600	980	(2)12"	43,100	15' 9-3/4"	9' 7-5/8"	6' 2-1/8"	39-1/4"	24' 2"
1047B	743	(2)25	168,000	37,070	51,020	15,990	985	134	(2)5	1,600	980	(2)12"	43,200	15' 9-3/4"	9' 7-5/8"	6' 2-1/8"	39-1/4"	24' 2"
1078B	765	(2)30	177,000	37,270	51,220	16,090	985	134	(2)5	1,600	980	(2)12"	43,400	15' 9-3/4"	9' 7-5/8"	6' 2-1/8"	39-1/4"	24' 2"
1164B	826	(2)25	187,900	42,260	58,680	18,190	1,155	158	(2)5	1,800	1,140	(2)12"	49,620	16' 9-3/4"	9' 7-5/8"	7' 2-1/8"	39-1/4"	28' 2"
1204B	854	(2)25	182,100	48,180	65,030	21,150	1,380	188	(2)5	1,800	1,140	(2)12"	55,970	17' 6-1/4"	10' 4-1/8"	7' 2-1/8"	47-3/4"	28' 2"
1284B	911	(2)20	220,100	47,060	67,530	19,600	1,195	163	(2)7-1/2	2,400	1,440	(2)12"	55,710	16' 1-1/4"	8' 11-1/8"	7' 2-1/8"	30-3/4"	36' 2-1/2"
1365B	969	(2)25	236,700	47,160	67,630	19,650	1,195	163	(2)7-1/2	2,400	1,440	(2)12"	55,810	16' 1-1/4"	8' 11-1/8"	7' 2-1/8"	30-3/4"	36' 2-1/2"
1426B	1012	(2)30	252,000	47,380	67,850	19,760	1,195	163	(2)7-1/2	2,400	1,440	(2)12"	56,030	16' 1-1/4"	8' 11-1/8"	7' 2-1/8"	30-3/4"	36' 2-1/2"
1496B	1061	(2)25	229,800	53,660	74,690	22,900	1,480	202	(2)7-1/2	2,400	1,440	(2)12"	62,870	16' 9-3/4"	9' 7-5/8"	7' 2-1/8"	39-1/4"	36' 2-1/2"
1562B	1109	(2)30	244,200	53,880	74,910	23,010	1,480	202	(2)7-1/2	2,400	1,440	(2)12"	63,090	16' 9-3/4"	9' 7-5/8"	7' 2-1/8"	39-1/4"	36' 2-1/2"
1655B	1175	(2)40	265,100	54,400	75,430	23,270	1,480	202	(2)7-1/2	2,400	1,440	(2)12"	63,610	16' 9-3/4"	9' 7-5/8"	7' 2-1/8"	39-1/4"	36' 2-1/2"
1784B	1266	(2)50	273,400	61,200	82,780	26,670	1,770	241	(2)7-1/2	2,400	1,440	(2)12"	70,960	17' 6-1/4"	10' 4-1/8"	7' 2-1/8"	47-3/4"	36' 2-1/2"
1625B	1153	(2)30	262,100	59,440	83,020	25,310	1,645	224	(2)10	2,800	1,600	(2)14"	69,480	16' 9-3/4"	9' 7-5/8"	7' 2-1/8"	39-1/4"	40' 2-1/2"
1729B	1227	(2)40	286,400	59,960	83,540	25,570	1,645	224	(2)10	2,800	1,600	(2)14"	70,000	16' 9-3/4"	9' 7-5/8"	7' 2-1/8"	39-1/4"	40' 2-1/2"
1805B	1281	(2)50	304,800	60,080	83,660	25,630	1,645	224	(2)10	2,800	1,600	(2)14"	70,120	16' 9-3/4"	9' 7-5/8"	7' 2-1/8"	39-1/4"	40' 2-1/2"
1925B	1367	(2)60	310,600	68,510	92,710	29,850	1,965	268	(2)10	2,800	1,600	(2)14"	79,170	17' 6-1/4"	10' 4-1/8"	7' 2-1/8"	47-3/4"	40' 2-1/2"

* Tons at standard conditions: HCFC-22 and HFC-134a. 105°F condensing, 40°F suction and 78°F W.B.; ammonia 96.3°F condensing, 20°F suction and 78°F W.B.
 ** Gallons shown is water in suspension in unit and piping. Allow for additional water in bottom of remote sump to cover pump suction and strainer during operation. (12" would normally be sufficient.)
 † Heaviest section is the coil section.
 *** Refrigerant charge is shown for R-717. Multiply by 1.93 for R-22 and 1.98 for R-134a.
 Dimensions are subject to change. Do not use for pre-fabrication.