

IDC INDUCED DRAFT EVAPORATIVE CONDENSERS
INSTALLATION - OPERATION - MAINTENANCE



IDC MODEL	NH3 TONS	CFM	FAN MOTOR HP	SPRAY WATER GPM	PUMP MOTOR HP	REMOTE SUMP			DIMENSIONS		REFRIG. CHARGE NH3 LB	WEIGHTS		
						WATER IN	SUMP DRAIN	GALLONS REQUIRED	HEIGHT H	CTRS B		UNIT SHIPPING	UNIT OPERATING	HAEVIEST SECTION
420	297.9	81,297	15	715	5	6" PE	10" PE	600	186.00	30.25	425	16,099	22,511	11,957
435	308.5	84,866	20	715	5	6" PE	10" PE	600	186.00	30.25	425	16,199	22,611	12,057
450	319.1	88,567	25	715	5	6" PE	10" PE	600	186.00	30.25	425	16,299	22,711	12,157
490	347.5	84,602	20	715	5	6" PE	10" PE	600	193.25	37.50	530	18,196	24,829	14,054
505	358.1	87,245	25	715	5	6" PE	10" PE	600	193.25	37.50	530	18,296	24,929	14,154
520	368.8	82,090	25	715	5	6" PE	10" PE	600	200.00	44.25	640	20,262	27,117	16,192
540	383.0	87,245	30	715	5	6" PE	10" PE	600	200.00	44.25	640	20,362	27,217	16,292
575	407.8	105,237	15	1,050	7.5	6" PE	10" PE	900	186.00	30.25	640	24,173	33,800	17,953
615	436.2	115,820	20	1,050	7.5	6" PE	10" PE	900	186.00	30.25	640	24,273	33,900	18,053
645	457.4	124,806	25	1,050	7.5	6" PE	10" PE	900	186.00	30.25	640	24,373	34,000	18,153
670	475.2	132,594	30	1,050	7.5	6" PE	10" PE	900	186.00	30.25	640	24,473	34,100	18,253
700	496.4	117,018	20	1,050	7.5	6" PE	10" PE	900	193.25	37.50	800	27,322	37,281	21,102
735	521.3	125,805	25	1,050	7.5	6" PE	10" PE	900	193.25	37.50	800	27,422	37,381	10,202
765	542.5	133,792	30	1,050	7.5	6" PE	10" PE	900	193.25	37.50	800	27,522	37,481	21,302
800	567.4	127,402	30	1,050	7.5	6" PE	10" PE	900	200.00	44.25	960	30,423	40,716	24,313
835	592.2	133,792	40	1,050	7.5	6" PE	10" PE	900	200.00	44.25	960	30,523	40,816	24,413
870	617.0	153,000	40	1,050	7.5	6" PE	10" PE	900	193.25	37.50	890	32,222	44,065	24,183
895	634.8	141,700	30	1,050	7.5	6" PE	10" PE	900	200.00	44.25	1,070	35,123	47,300	27,833
940	666.7	153,000	40	1,050	7.5	6" PE	10" PE	900	200.00	44.25	1,070	35,243	47,420	27,953
955	677.3	164,140	50	1,050	7.5	6" PE	10" PE	900	200.00	44.25	1,070	35,343	47,520	28,013
990	702.2	164,140	50	1,100	10	6" PE	10" PE	900	200.00	44.25	1,070	35,343	47,520	28,013
840-2E	595.8	162,594	(2)15	1,430	(2)5	(2)6" PE	(2)10" PE	1,200	198.00	30.25	850	32,198	45,022	11,957
870-2E	617.0	169,732	(2)20	1,430	(2)5	(2)6" PE	(2)10" PE	1,200	198.00	30.25	850	32,398	45,222	12,057
900-2E	638.2	177,134	(2)25	1,430	(2)5	(2)6" PE	(2)10" PE	1,200	198.00	30.25	850	32,598	45,422	12,157
980-2E	695.0	169,204	(2)20	1,430	(2)5	(2)6" PE	(2)10" PE	1,200	205.25	37.50	1,060	36,393	49,658	14,054
1010-2E	716.2	174,490	(2)25	1,430	(2)5	(2)6" PE	(2)10" PE	1,200	205.25	37.50	1,060	36,592	49,858	14,154
1040-2E	737.6	164,180	(2)25	1,430	(2)5	(2)6" PE	(2)10" PE	1,200	212.00	44.25	1,280	40,523	54,234	16,192
1080-2E	766.0	174,490	(2)30	1,430	(2)5	(2)6" PE	(2)10" PE	1,200	212.00	44.25	1,280	40,724	54,434	16,292
1150-2E	815.6	210,474	(2)15	2,100	(2)7.5	(2)6" PE	(2)10" PE	1,800	198.00	30.25	1,280	48,346	67,600	17,953
1230-2E	872.4	231,640	(2)20	2,100	(2)7.5	(2)6" PE	(2)10" PE	1,800	198.00	30.25	1,280	48,546	67,800	18,053
1290-2E	914.8	249,612	(2)25	2,100	(2)7.5	(2)6" PE	(2)10" PE	1,800	198.00	30.25	1,280	48,746	68,000	18,153
1340-2E	950.4	265,188	(2)30	2,100	(2)7.5	(2)6" PE	(2)10" PE	1,800	198.00	30.25	1,280	48,946	68,200	18,253
1400-2E	992.8	234,036	(2)20	2,100	(2)7.5	(2)6" PE	(2)10" PE	1,800	205.25	37.50	1,600	54,644	74,562	21,102
1470-2E	1042.6	251,610	(2)25	2,100	(2)7.5	(2)6" PE	(2)10" PE	1,800	205.25	37.50	1,600	54,844	74,762	21,202
1530-2E	1085.0	267,584	(2)30	2,100	(2)7.5	(2)6" PE	(2)10" PE	1,800	205.25	37.50	1,600	55,044	74,962	21,302
1600-2E	1134.8	254,804	(2)30	2,100	(2)7.5	(2)6" PE	(2)10" PE	1,800	212.00	44.25	1,920	60,846	81,432	24,313
1670-2E	1184.4	267,584	(2)40	2,100	(2)7.5	(2)6" PE	(2)10" PE	1,800	212.00	44.25	1,920	61,046	81,632	24,413
1740-2E	1234.0	306,000	(2)40	2,100	(2)7.5	(2)6" PE	(2)10" PE	1,800	205.25	37.50	1,780	64,444	88,130	24,183
1790-2E	1269.5	283,400	(2)30	2,100	(2)7.5	(2)6" PE	(2)10" PE	1,800	212.00	44.25	2,140	70,246	94,600	27,833
1880-2E	1333.3	306,000	(2)40	2,100	(2)7.5	(2)6" PE	(2)10" PE	1,800	212.00	44.25	2,140	70,486	94,840	27,953
1910-2E	1354.6	328,280	(2)50	2,100	(2)7.5	(2)6" PE	(2)10" PE	1,800	212.00	44.25	2,140	70,665	95,019	28,013
1980-2E	1404.4	328,280	(2)50	2,200	(2)10	(2)6" PE	(2)10" PE	1,800	212.00	44.25	2,140	70,686	95,040	28,013
840-2S	595.8	162,594	(2)15	1,430	(2)5	(2)6" PE	(2)10" PE	1,200	198.00	30.25	850	32,198	45,022	11,957
870-2S	617.0	169,732	(2)20	1,430	(2)5	(2)6" PE	(2)10" PE	1,200	198.00	30.25	850	32,398	45,222	12,057
900-2S	638.2	177,134	(2)25	1,430	(2)5	(2)6" PE	(2)10" PE	1,200	198.00	30.25	850	32,598	45,422	12,157
980-2S	695.0	169,204	(2)20	1,430	(2)5	(2)6" PE	(2)10" PE	1,200	205.25	37.50	1,060	36,393	49,658	14,054
1010-2S	716.2	174,490	(2)25	1,430	(2)5	(2)6" PE	(2)10" PE	1,200	205.25	37.50	1,060	36,592	49,858	14,154
1040-2S	737.6	164,180	(2)25	1,430	(2)5	(2)6" PE	(2)10" PE	1,200	212.00	44.25	1,280	40,523	54,234	16,192
1080-2S	766.0	174,490	(2)30	1,430	(2)5	(2)6" PE	(2)10" PE	1,200	212.00	44.25	1,280	40,724	54,434	16,292
1120-2S	794.3	200,070	(2)15	2,100	(2)7.5	(2)6" PE	(2)10" PE	1,800	198.00	30.25	1,280	48,346	67,600	17,953
1200-2S	851.1	220,020	(2)20	2,100	(2)7.5	(2)6" PE	(2)10" PE	1,800	198.00	30.25	1,280	48,546	67,800	18,053
1260-2S	893.6	237,120	(2)25	2,100	(2)7.5	(2)6" PE	(2)10" PE	1,800	198.00	30.25	1,280	48,746	68,000	18,153
1300-2S	922.0	251,940	(2)30	2,100	(2)7.5	(2)6" PE	(2)10" PE	1,800	198.00	30.25	1,280	48,946	68,200	18,253
1360-2S	964.5	222,300	(2)20	2,100	(2)7.5	(2)6" PE	(2)10" PE	1,800	205.25	37.50	1,600	54,644	74,562	21,102
1430-2S	1014.2	239,020	(2)25	2,100	(2)7.5	(2)6" PE	(2)10" PE	1,800	205.25	37.50	1,600	54,844	74,762	21,202
1490-2S	1056.7	254,220	(2)30	2,100	(2)7.5	(2)6" PE	(2)10" PE	1,800	205.25	37.50	1,600	55,044	74,962	21,302
1560-2S	1106.4	242,060	(2)30	2,100	(2)7.5	(2)6" PE	(2)10" PE	1,800	212.00	44.25	1,920	60,846	81,432	24,313
1620-2S	1148.9	254,220	(2)40	2,100	(2)7.5	(2)6" PE	(2)10" PE	1,800	212.00	44.25	1,920	61,046	81,632	24,413
1690-2S	1198.6	281,520	(2)40	2,100	(2)7.5	(2)6" PE	(2)10" PE	1,800	205.25	37.50	1,780	64,444	88,130	24,183
1745-2S	1234.0	260,730	(2)30	2,100	(2)7.5	(2)6" PE	(2)10" PE	1,800	212.00	44.25	2,140	70,246	94,600	27,833
1810-2S	1283.7	281,520	(2)40	2,100	(2)7.5	(2)6" PE	(2)10" PE	1,800	212.00	44.25	2,140	70,486	94,840	27,953
1840-2S	1304.1	302,020	(2)50	2,100	(2)7.5	(2)6" PE	(2)10" PE	1,800	212.00	44.25	2,140	70,665	95,019	28,013
1920-2S	1352.1	302,020	(2)50	2,200	(2)10	(2)6" PE	(2)10" PE	1,800	212.00	44.25	2,140	70,686	95,040	28,013
1620-4Q	1148.9	305,690	(4)15	2,860	(4)5	(4)6" PE	(4)10" PE	2,400	198.00	30.25	1,700	64,396	90,444	11,957
1670-4Q	1184.4	319,230	(4)20	2,860	(4)5	(4)6" PE	(4)10" PE	2,400	198.00	30.25	1,700	64,796	90,444	12,057
1730-4Q	1227.0	333,140	(4)25	2,860	(4)5	(4)6" PE	(4)10" PE	2,400	198.00	30.25	1,700	65,196	90,844	12,157
1880-4Q	1333.3	318,100	(4)20	2,860	(4)5	(4)6" PE	(4)10" PE	2,400	205.25	37.50	2,120	72,784	99,316	14,054
1940-4Q	1375.9	328,250	(4)25	2,860	(4)5	(4)6" PE	(4)10" PE	2,400	205.25	37.50	2,120	73,184	99,716	14,154
2000-4Q	1418.4	308,700	(4)25	2,860	(4)5	(4)6" PE	(4)10" PE	2,400	212.00	44.25	2,560	81,048	108,468	16,192
2080-4Q	1475.2	328,250	(4)30	2,860	(4)5	(4)6" PE	(4)10" PE	2,400	212.00	44.25	2,560	81,448	108,868	16,292
2190-4Q	1553.2	395,930	(4)15	4,200	(4)7.5	(4)6" PE	(4)10" PE	3,600	198.00	30.25	2,560	96,692	135,200	17,953
2340-4Q	1659.6	435,410	(4)20	4,200	(4)7.5	(4)6" PE	(4)10" PE	3,600	198.00	30.25	2,560	97,092	135,600	18,053
2450-4Q	1737.6	469,250	(4)25	4,200	(4)7.5	(4)6" PE	(4)10" PE	3,600	198.00	30.25	2,560	97,500	136,000	18,153
2550-4Q	1808.5	498,580	(4)30	4,200	(4)7.5	(4)6" PE	(4)10" PE	3,600	198.00	30.25	2,560	97,892	136,400	18,253
2660-4Q	1886.5	439,920	(4)20	4,200	(4)7.5	(4)6" PE	(4)10" PE	3,600	205.25	37.50	3,200	109,288	149,124	21,102
2790-4Q	1978.7	473,010	(4)25	4,200	(4)7.5	(4)6" PE	(4)10" PE	3,600	205.25	37.50	3,200			

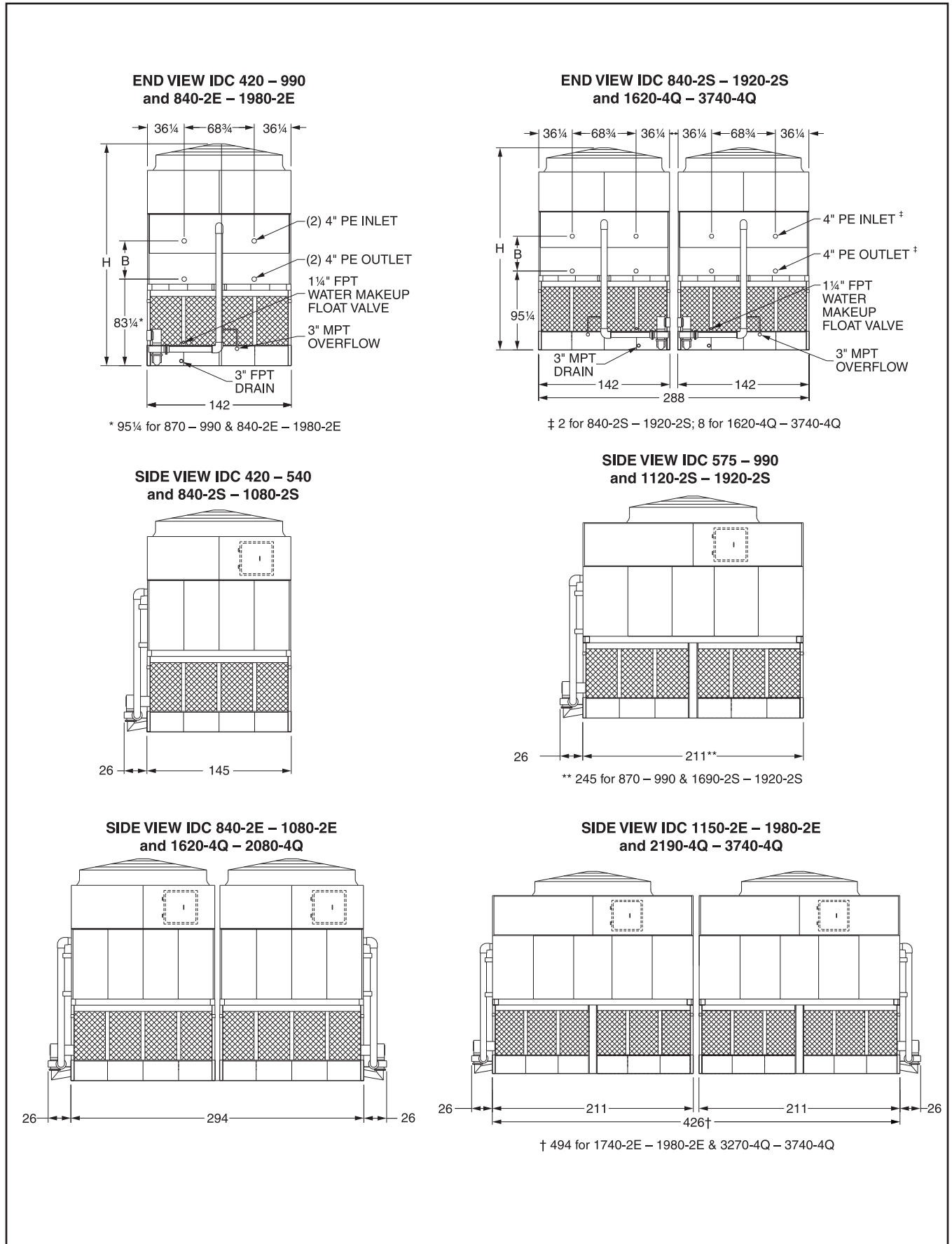


Figure 5-2. Standard IDC Series Unit Dimensions