

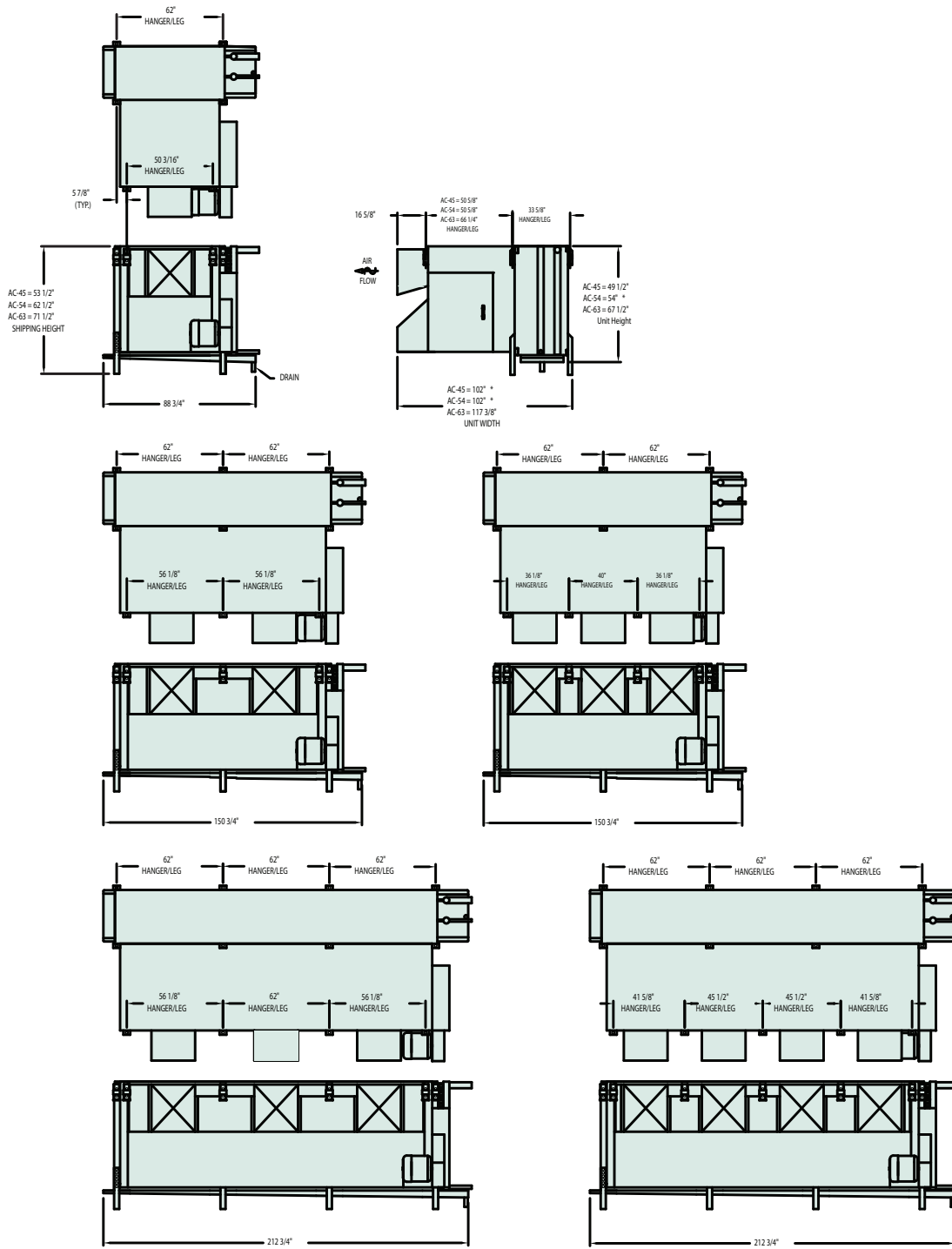
# AC Engineering Data

Do not use for construction. Refer to factory certified dimensions. This handbook includes data current at the time of publication, which should be reconfirmed at the time of purchase.

Aircoil™ Evaporators

Model Number	Frosted		Wet		Face Area (ft <sup>2</sup> )	Rows Deep	Fins Dens. (fpi)	Surface Area (ft <sup>2</sup> )	Coil Volume (ft <sup>3</sup> )	Est. Shipping Weight		
	Capacity (BTUH/F)	Fan Pwr. (HP)	Capacity (BTUH/F)	Fan Pwr. (HP)						Galv. (lbs)	Alum. (lbs)	SST-AL (lbs)
AC1*-4563	6,584 - 10,123	3 - 20	7,243 - 8,396	3	19.4	6	3	1,290	3.2	2,519	1,736	1,996
AC1*-4583	8,071 - 12,754	3 - 20	8,878 - 10,313	3	19.4	8	3	1,719	4.1	2,780	1,820	2,146
AC1*-45103	9,231 - 14,986	3 - 20	10,154 - 11,812	3	19.4	10	3	2,149	4.9	3,044	1,906	2,298
AC1*-4564	7,664 - 11,888	3 - 20	8,430 - 9,782	3	19.4	6	4	1,669	3.2	2,684	1,775	2,035
AC1*-4584	9,185 - 14,673	3 - 20	10,103 - 11,747	3	19.4	8	4	2,225	4.1	2,999	1,874	2,200
AC1*-45104	10,385 - 17,080	3 - 20	11,424 - 13,305	3	19.4	10	4	2,781	4.9	3,312	1,972	2,365
AC2*-4563	13,168 - 20,247	3 - 25	14,485 - 16,792	3 - 7.5	38.8	6	3	2,579	6.4	4,357	2,954	3,388
AC2*-4583	16,142 - 25,509	3 - 25	17,756 - 20,626	3 - 7.5	38.8	8	3	3,439	8.2	4,864	3,116	3,675
AC2*-45103	18,462 - 29,973	3 - 25	20,308 - 23,624	3 - 7.5	38.8	10	3	4,299	9.8	5,376	3,283	3,967
AC2*-4564	15,327 - 23,777	3 - 25	16,860 - 19,564	3 - 7.5	38.8	6	4	3,338	6.4	4,679	3,032	3,466
AC2*-4584	18,370 - 29,346	3 - 25	20,207 - 23,494	3 - 7.5	38.8	8	4	4,450	8.2	5,292	3,225	3,784
AC2*-45104	20,770 - 34,160	5 - 25	22,847 - 26,609	5 - 7.5	38.8	10	4	5,563	9.8	5,929	3,441	4,124
AC3*-4563	19,753 - 30,370	5 - 25	21,728 - 25,188	5 - 10	58.1	6	3	3,869	9.6	6,045	4,022	4,631
AC3*-4583	24,213 - 38,263	5 - 25	26,634 - 30,939	5 - 10	58.1	8	3	5,158	12.3	6,798	4,263	5,054
AC3*-45103	27,693 - 44,959	5 - 25	30,462 - 35,436	5 - 10	58.1	10	3	6,448	14.7	7,558	4,511	5,485
AC3*-4564	22,991 - 35,665	7.5 - 25	25,290 - 29,346	7.5 - 10	58.1	6	4	5,006	9.6	6,524	4,138	4,747
AC3*-4584	27,554 - 44,019	7.5 - 25	30,310 - 35,241	7.5 - 10	58.1	8	4	6,675	12.3	7,436	4,426	5,217
AC3*-45104	31,155 - 51,240	7.5 - 25	34,271 - 39,914	7.5 - 10	58.1	10	4	8,344	14.7	8,420	4,785	5,759
AC1*-5463	7,901 - 12,148	5 - 25	8,691 - 10,075	5	23.3	6	3	1,548	3.9	2,851	1,930	2,241
AC1*-5483	9,685 - 15,305	5 - 25	10,654 - 12,376	5	23.3	8	3	2,063	4.9	3,165	2,031	2,421
AC1*-54103	11,077 - 17,984	5 - 25	12,185 - 14,174	5	23.3	10	3	2,579	5.9	3,478	2,131	2,601
AC1*-5464	9,196 - 14,266	5 - 25	10,116 - 11,738	5	23.3	6	4	2,003	3.9	3,048	1,977	2,288
AC1*-5484	11,022 - 17,608	5 - 25	12,124 - 14,096	5	23.3	8	4	2,670	4.9	3,423	2,093	2,483
AC1*-54104	12,462 - 20,496	5 - 25	13,078 - 15,965	5	23.3	10	4	3,338	5.9	3,799	2,210	2,680
AC2*-5463	15,802 - 24,296	5 - 25	17,382 - 20,150	5 - 10	46.5	6	3	3,095	7.8	4,873	3,224	3,745
AC2*-5483	19,370 - 30,610	5 - 25	21,307 - 24,751	5 - 10	46.5	8	3	4,126	9.8	5,482	3,419	4,089
AC2*-54103	22,154 - 35,967	5 - 25	24,370 - 28,348	5 - 10	46.5	10	3	5,158	11.8	6,090	3,614	4,433
AC2*-5464	18,393 - 28,532	5 - 25	20,232 - 23,477	5 - 10	46.5	6	4	4,005	7.8	5,258	3,318	3,838
AC2*-5484	22,044 - 35,215	5 - 25	24,248 - 28,193	5 - 10	46.5	8	4	5,340	9.8	5,988	3,543	4,213
AC2*-54104	24,924 - 40,992	5 - 25	27,417 - 31,931	5 - 15	46.5	10	4	6,675	11.8	6,721	3,772	4,591
AC3*-5463	23,703 - 36,445	7.5 - 25	26,074 - 30,225	7.5 - 15	69.8	6	3	4,643	11.7	6,887	4,510	5,240
AC3*-5483	29,055 - 45,916	7.5 - 25	31,961 - 37,127	7.5 - 15	69.8	8	3	6,190	14.7	7,790	4,799	5,748
AC3*-54103	33,231 - 53,951	10 - 25	36,555 - 42,523	10 - 20	69.8	10	3	7,737	17.7	8,724	5,118	6,286
AC3*-5464	27,589 - 42,798	7.5 - 25	30,348 - 35,215	7.5 - 15	69.8	6	4	6,008	11.7	7,460	4,650	5,380
AC3*-5484	33,065 - 52,823	7.5 - 25	36,372 - 42,289	10 - 20	69.8	8	4	8,010	14.7	8,575	5,016	5,965
AC3*-54104	37,386 - 61,488	10 - 25	41,125 - 47,896	10 - 20	69.8	10	4	10,013	17.7	9,665	5,356	6,524
AC1*-6363	9,218 - 14,173	3 - 20	10,140 - 11,754	3	27.1	6	3	1,805	4.5	3,436	2,377	2,740
AC1*-6383	11,299 - 17,856	3 - 20	12,429 - 14,438	3	27.1	8	3	2,407	5.7	3,802	2,495	2,950
AC1*-63103	12,923 - 20,981	3 - 20	14,216 - 16,537	3	27.1	10	3	3,009	6.9	4,173	2,617	3,164
AC1*-6364	10,729 - 16,644	3 - 20	11,802 - 13,695	3	27.1	6	4	2,336	4.5	3,665	2,432	2,794
AC1*-6384	12,859 - 20,542	3 - 20	14,145 - 16,446	3	27.1	8	4	3,115	5.7	4,108	2,572	3,027
AC1*-63104	14,539 - 23,912	3 - 20	15,993 - 18,626	3 - 5	27.1	10	4	3,894	6.9	4,545	2,707	3,255
AC2*-6363	18,436 - 28,346	5 - 40	20,279 - 23,509	5 - 7.5	54.3	6	3	3,611	9.0	5,767	3,873	4,479
AC2*-6383	22,598 - 35,712	5 - 40	24,858 - 28,876	5 - 7.5	54.3	8	3	4,814	11.4	6,477	4,100	4,881
AC2*-63103	25,847 - 41,962	7.5 - 40	28,431 - 33,073	7.5	54.3	10	3	6,018	13.8	7,272	4,412	5,367
AC2*-6364	21,458 - 33,287	5 - 40	23,604 - 27,390	5 - 7.5	54.3	6	4	4,673	9.0	6,215	3,981	4,588
AC2*-6384	25,717 - 41,085	7.5 - 40	28,289 - 32,891	7.5	54.3	8	4	6,230	11.4	7,152	4,330	5,111
AC2*-63104	29,078 - 47,824	7.5 - 40	31,986 - 37,253	7.5	54.3	10	4	7,788	13.8	8,004	4,593	5,548
AC3*-6363	27,654 - 42,519	7.5 - 50	30,419 - 35,263	7.5 - 10	81.4	6	3	5,416	13.5	8,099	5,368	6,219
AC3*-6383	33,898 - 53,568	7.5 - 50	37,287 - 43,314	7.5 - 10	81.4	8	3	7,221	17.1	9,153	5,705	6,812
AC3*-63103	38,770 - 62,942	10 - 50	42,647 - 49,610	10	81.4	10	3	9,027	20.7	10,251	6,087	7,450
AC3*-6364	32,187 - 49,931	7.5 - 50	35,406 - 41,085	7.5 - 10	81.4	6	4	7,009	13.5	8,765	5,531	6,382
AC3*-6384	38,576 - 61,627	10 - 50	42,434 - 49,337	10	81.4	8	4	9,345	17.1	10,077	5,968	7,075
AC3*-63104	43,618 - 71,736	10 - 50	47,979 - 55,879	10 - 15	81.4	10	4	11,681	20.7	11,343	6,359	7,722





**Notes:**

1. Capacities and HP reflect a partial product offering in the 600 FPM to 1,100 FPM face velocity range. Capacity is affected by material of construction (both steel and aluminum shown), horsepower, and face velocity requirements. For project-specific selections, contact your local BAC Representative.
2. Models available in 0" to 2" external static pressure options. Capacities shown are at 0" ESP.
3. Overstating static pressure could result in oversized motor selections, resulting in over ramping.
4. All models ship with motors installed. AC\*\*63\*\* models utilize a swing-away motor base to allow for this feature.