

AIRCOOLED AFTERCOOLERS



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Cancels: 20 April 1992

Air Solutions Group
Davidson, NC 28036

AIRCOOLED AFTERCOOLER FLOW CAPACITIES

Flow Capacity (CFM) — — 100 PSIG

Inlet °F	APPROACH °F	AC1	AC2	AC3	AC4	AC5	AC6	AC7	AC8	AC9	AC10	AC11	AC12
150	5	50	78	99	219	325	410	459	589	865	1283	1510	1816
	10	75	113	141	310	455	564	647	821	1193	1757	2079	2479
	15	101	149	183	402	586	719	840	1057	1523	2235	2654	3146
	20	131	190	230	508	735	893	1059	1323	1896	2774	3304	3898
200	5	44	69	88	194	291	369	406	527	778	1158	1358	1642
	10	62	94	119	261	386	484	544	699	1022	1511	1781	2135
	15	79	118	147	323	474	589	671	857	1245	1835	2170	2587
	20	97	143	176	387	565	696	802	1020	1474	2165	2567	3050
250	5	39	63	81	179	268	343	373	487	723	1077	1262	1529
	10	54	84	106	234	347	438	486	630	925	1371	1613	1940
	15	68	103	129	283	417	522	585	755	1102	1627	1920	2298
	20	81	121	151	330	485	603	682	877	1274	1876	2219	2646
300	5	37	59	76	168	253	324	350	459	683	1020	1193	1449
	10	49	77	98	216	322	408	448	584	861	1278	1501	1810
	15	61	93	117	257	381	479	531	690	1011	1495	1761	2114
	20	71	108	135	296	436	546	609	790	1152	1700	2007	2400
350	5	34	56	72	159	241	310	332	438	653	975	1140	1387
	10	46	72	92	203	303	386	419	550	813	1208	1418	1712
	15	56	86	109	239	355	448	492	643	945	1400	1647	1981
	20	65	99	125	273	403	506	559	730	1068	1578	1860	2229
400	5	33	53	69	153	231	298	317	420	628	939	1097	1336
	10	43	68	88	192	288	368	397	524	776	1154	1353	1637
	15	52	81	103	225	335	425	462	608	895	1328	1561	1880
	20	60	92	117	255	378	476	521	686	1005	1486	1750	2101

- Notes:**
1. Above capacities are based on ambient conditions of 68°F, 14.7 PSIA and 36% RH at compressor suction.
 2. Compressed air pressure drop will be less than 2 PSI at the rated capacity.
 3. Selection procedure:
 - Enter chart on left side at appropriate air inlet temperature and desired approach temperature.
 - Read across to an equal or higher rated flow in CFM and up to proper Model Number.
 4. Contact Davidson Marketing for conditions other than shown.