

AIRCOOLED AFTERCOOLERS



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Cancels: 20 April 1992

Air Solutions Group
Davidson, NC 28036

AIRCOOLED AFTERCOOLER FLOW CAPACITIES

Flow Capacity (CFM) — — 250 PSIG

Inlet °F	APPROACH °F	AC1	AC2	AC3	AC4	AC5	AC6	AC7	AC8	AC9	AC10	AC11	AC12
150	5	47	73	93	205	304	384	430	552	811	1203	1416	1705
	10	69	104	129	285	419	520	596	757	1100	1622	1918	2289
	15	91	134	164	362	529	649	757	953	1375	2020	2397	2844
	20	114	166	202	445	645	785	928	1161	1666	2439	2904	3429
200	5	42	66	84	186	278	353	389	504	746	1110	1302	1574
	10	58	89	112	247	366	459	516	663	970	1435	1692	2029
	15	74	111	138	303	445	553	630	804	1169	1723	2037	2431
	20	89	132	162	357	522	644	741	943	1363	2004	2376	2823
250	5	38	61	78	173	260	332	361	472	700	1044	1223	1483
	10	52	81	102	225	334	422	468	606	891	1321	1554	1869
	15	64	98	123	270	398	498	559	721	1053	1555	1835	2197
	20	76	114	142	312	458	570	645	829	1205	1776	2100	2505
300	5	36	57	74	162	247	316	341	447	666	995	1164	1414
	10	48	75	95	209	312	396	434	567	835	1240	1457	1757
	15	58	90	113	248	367	462	512	665	975	1443	1699	2040
	20	68	103	129	283	418	523	583	757	1104	1629	1923	2300
350	5	34	55	71	156	236	303	325	428	639	955	1117	1359
	10	45	70	90	198	296	376	409	537	793	1179	1383	1672
	15	54	83	106	232	344	435	477	625	918	1360	1600	1925
	20	62	95	120	263	389	488	539	705	1031	1524	1796	2153
400	5	32	52	68	150	227	293	311	413	617	923	1078	1314
	10	42	67	86	188	282	360	388	513	759	1130	1325	1603
	15	51	79	100	219	327	414	450	593	873	1293	1522	1834
	20	58	89	113	247	367	462	505	665	975	1443	1699	2040

- Notes:**
- Above capacities are based on ambient conditions of 68°F, 14.7 PSIA and 36% RH at compressor suction.
 - Compressed air pressure drop will be less than 2 PSI at the rated capacity.
 - 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.
 - Contact Davidson Marketing for conditions other than shown.