

AR Engineering Data

Models AR2S-2744 to AR2S-4084

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	Capacity (BTUH/°F)		Airflow (CFM)	Avg. Face Velocity (FPM)	Fan Pwr (HP)	Fan Spd (RPM)	Fan Dia. (in)	Face Area (ft²)	Rows Deep	Fin Dens. (fpi)	Surf. Area (ft²)	Coil Vol. (ft³)	Est. Shipping Wt.		
	Frosted	Wet											Galv (lbs)	Aluminum (lbs)	SST-AL (lbs)
AR2S-2744-033L	3,470	3,817	7,200	619	1/3	1140	20	11.6	4	4	668	1.4	1,029	618	635
AR2S-2764-033L	4,680	5,148	7,200	619	1/3	1140	20	11.6	6	4	1,002	1.9	1,228	686	715
AR2S-2784-050L	5,620	6,182	7,200	619	1/2	1140	20	11.6	8	4	1,336	2.4	1,427	755	796
AR3S-2744-033L	5,210	5,731	10,800	619	1/3	1140	20	17.4	4	4	1,001	1.8	1,468	898	905
AR3S-2764-033L	7,010	7,711	10,800	619	1/3	1140	20	17.4	6	4	1,502	2.5	1,768	1,005	1,030
AR3S-2784-050L	8,420	9,262	10,800	619	1/2	1140	20	17.4	8	4	2,003	3.3	2,068	1,113	1,154
AR4S-2744-033L	6,940	7,634	14,400	619	1/3	1140	20	23.25	4	4	1,335	2.2	1,917	1,188	1,185
AR4S-2764-033L	9,350	10,285	14,400	619	1/3	1140	20	23.25	6	4	2,003	3.2	2,322	1,339	1,358
AR4S-2784-050L	11,230	12,353	14,400	619	1/2	1140	20	23.25	8	4	2,670	4.1	2,728	1,491	1,531
AR5S-2744-033L	8,680	9,548	18,000	619	1/3	1140	20	29.06	4	4	1,669	2.6	2,377	1,489	1,475
AR5S-2764-033L	11,690	12,859	18,000	619	1/3	1140	20	29.06	6	4	2,503	3.8	2,893	1,689	1,700
AR5S-2784-050L	14,040	15,444	18,000	619	1/2	1140	20	29.06	8	4	3,337	4.9	3,409	1,889	1,926
AR6S-2744-033L	10,410	11,451	21,600	619	1/3	1140	20	34.88	4	4	2,003	3.1	2,848	1,800	1,775
AR6S-2764-033L	14,030	15,433	21,600	619	1/3	1140	20	34.88	6	4	3,004	4.4	3,479	2,054	2,057
AR6S-2784-050L	16,850	18,535	21,600	619	1/2	1140	20	34.88	8	4	4,006	5.7	4,110	2,308	2,339
AR2S-4044-050L	5,210	5,731	10,800	619	1/2	1140	24	17.44	4	4	1,001	2.1	1,356	759	797
AR2S-4064-050L	7,010	7,711	10,800	619	1/2	1140	24	17.44	6	4	1,502	2.9	1,650	857	914
AR2S-4084-050L	8,230	9,053	10,400	596	1/2	1140	24	17.44	8	4	2,003	3.7	1,944	955	1,031
AR3S-4044-050L	7,810	8,591	16,200	619	1/2	1140	24	26.16	4	4	1,502	2.7	1,920	1,093	1,125
AR3S-4064-050L	10,520	11,572	16,200	619	1/2	1140	24	26.16	6	4	2,253	3.8	2,360	1,244	1,303
AR3S-4084-050L	12,350	13,585	15,600	596	1/2	1140	24	26.16	8	4	3,004	4.9	2,799	1,395	1,480
AR4S-4044-050L	10,410	11,451	21,600	619	1/2	1140	24	34.88	4	4	2,003	3.4	2,494	1,437	1,462
AR4S-4064-050L	14,030	15,433	21,600	619	1/2	1140	24	34.88	6	4	3,004	4.7	3,084	1,646	1,705
AR4S-4084-050L	16,470	18,117	20,800	596	1/2	1140	24	34.88	8	4	4,006	6.1	3,674	1,854	1,947
AR5S-4044-050L	13,020	14,322	27,000	619	1/2	1140	24	43.59	4	4	2,503	4	3,080	1,792	1,810
AR5S-4064-050L	17,540	19,294	27,000	619	1/2	1140	24	43.59	6	4	3,754	5.7	3,825	2,064	2,122
AR5S-4084-050L	20,580	22,638	26,000	596	1/2	1140	24	43.59	8	4	5,006	7.3	4,570	2,335	2,433
AR6S-4044-050L	15,620	17,182	32,400	619	1/2	1140	24	52.31	4	4	3,004	4.6	3,677	2,158	2,167
AR6S-4064-050L	21,040	23,144	32,400	619	1/2	1140	24	52.31	6	4	4,505	6.6	4,582	2,496	2,553
AR6S-4084-050L	24,700	27,170	31,200	596	1/2	1140	24	52.31	8	4	6,007	8.6	5,486	2,835	2,937



