



ABS  




# GA (A-B-C) SERİSİ/SERIES

SOĞUTMA ÜNİTELERİ - UNIT COOLERS



PROTECTED ALUMINIUM BODY

ABS



## SOĞUTMA ÜNİTELERİ - UNIT COOLERS

GA SERİSİ SOĞUTMA ÜNİTELERİ SANAYİ BUZDOLAPLARI İÇİN BAR TİPİ, VİTRİN DOLABI VE KÜÇÜK SOĞUK ODALARDA DA KULLANIMI İÇİN POZİTİF DERECEDE ÇALIŞACAK ŞEKİLDE TASARLANMIŞTIR VE EKŞİ DERECEDE ÇALIŞACAK ŞEKİLDE TASARIMI YAPILMIŞTIR.

### GÖVDE

- 10 mm KAYNAKSIZ BORU ALÜMİNYUM LAMELLERLE BİRLEŞTİRİLMİŞ DİŞ CEPHE ALÜMİNYUM

### FAN MOTOR

- TEK FAZLI FANLI MOTOR 230 V, 50/60 Hz.

### LAMEL ARALIĞI

- GA A : ATLAMALI LAMEL ARALIĞI 3,5 / 7 mm
- GA B : ATLAMALI LAMEL ARALIĞI 4,5 / 9 mm
- GA C : ATLAMASIZ LAMEL ARALIĞI 5,5 mm

GA SERIES UNIT COOLERS ARE DESIGNED FOR INSTALLATION IN REFRIGERATION CABINET DISPLAY CASES AND SMALL COLD ROOMS FOR POSITIVE AND LOW TEMP AND FOR NEGATIVE TEMP.

### GÖVDE

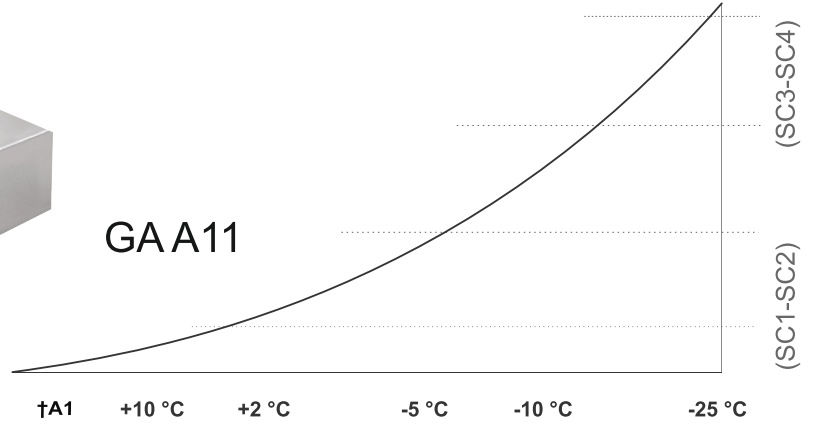
- 10 mm O.D. SEAMLESS COPPER TUBE INTO ALUMINIUM FINS,ALUMINIUM CASING.

### FAN MOTOR

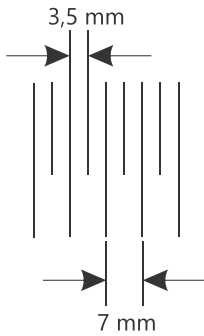
- ONE PHASE FAN MOTOR 230 V, 50/60 Hz.

### LAMEL ARALIĞI

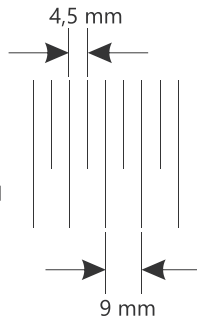
- GA A : DUAL FIN SPACING 3,5 / 7 mm
- GA B : DUAL FIN SPACING 4,5 / 9 mm
- GA C : UNIFORM FIN SPACING 5,5 mm



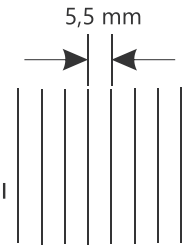
**GA A**  
Lamel Aralığı  
Fin Spacing



**GA B**  
Lamel Aralığı  
Fin Spacing



**GA C**  
Lamel Aralığı  
Fin Spacing



# GA SERİSİ / SERIES



## SOĞUTMA ÜNİTELERİ / UNIT COOLERS

GA A, B, C

TEKNİK DETAYLAR / TECHNICAL DATA

GA A, B, C / E

REZİSTANSLI / ELECTRIC DEFROST



Kod Code	Model Model	Devreleme Circuit	Lamel Aralığı Fin Spacing	Kapasite Capacity		Isı Transfer Alanı Heat Transfer Area	FAN					
				SC1	SC2		Fan Çapı Fan Diameter	Hava Debisi Air Flow	Hava Üfleme Air Throw	Fan Ad. Number of Fan	Devre RPM	Watt
				pcs	mm		watt	watt	m <sup>2</sup>	Ø mm	m <sup>3</sup> /h	m
GA A11	GA-A.33L.20.1.4X4	1	3,5/7	723	520	1,48	200	421	3,5	1	1500	10/40
GA A12	GA-A.33L.20.1.4X5	1	3,5/7	868	572	1,85	200	406	3	1	1500	10/40
GA A13	GA-A.33L.20.1.4X6	1	3,5/7	969	637	2,22	200	380	3	1	1500	10/40
GA A21	GA-A.50L.20.2.4X4	1	3,5/7	1518	990	2,39	200	842	6	2	1500	10/40
GA A22	GA-A.50L.20.2.4X5	2	3,5/7	1555	1006	2,98	200	812	5,5	2	1500	10/40
GA A23	GA-A.50L.20.2.4X6	2	3,5/7	1631	1084	3,58	200	760	5,5	2	1500	10/40
GA A31	GA-A.81L.20.3.4X4	2	3,5/7	2237	1453	3,87	200	1285	8	3	1500	10/40
GA A32	GA-A.81L.20.3.4X5	2	3,5/7	2717	1749	4,83	200	1246	7,5	3	1500	10/40
GA A33	GA-A.81L.20.3.4X6	2	3,5/7	3012	1970	5,80	200	1208	7,5	3	1500	10/40
GA A41	GA-A.110L.20.4.4X5	2	3,5/7	3822	2499	6,57	200	1658	11	4	1500	10/40
GA A42	GA-A.110L.20.4.4X6	2	3,5/7	4131	2704	7,88	200	1605	10	4	1500	10/40
GA B11	GA-B.33L.20.1.4X4	1	4,5/9	805	412	1,48	200	421	3,5	1	1500	10/40
GA B12	GA-B.33L.20.1.4X5	1	4,5/9	805	535	1,48	200	421	3	1	1500	10/40
GA B13	GA-B.33L.20.1.4X6	1	4,5/9	923	600	1,78	200	409	3	1	1500	10/40
GA B21	GA-B.50L.20.2.4X4	1	4,5/9	1519	978	1,91	200	866	6	2	1500	10/40
GA B22	GA-B.50L.20.2.4X5	2	4,5/9	1350	872	2,39	200	842	5,5	2	1500	10/40
GA B23	GA-B.50L.20.2.4X6	2	4,5/9	1601	1044	2,87	200	818	5,5	2	1500	10/40
GA B31	GA-B.81L.20.3.4X4	2	4,5/9	2166	1420	3,09	200	1317	8	3	1500	10/40
GA B32	GA-B.81L.20.3.4X5	2	4,5/9	2504	1583	3,87	200	1286	7,5	3	1500	10/40
GA B33	GA-B.81L.20.3.4X6	2	4,5/9	2819	1793	4,64	200	1255	7,5	3	1500	10/40
GA B41	GA-B.110L.20.4.4X5	2	4,5/9	3608	2342	5,25	200	1710	11	4	1500	10/40
GA B42	GA-B.110L.20.4.4X6	2	4,5/9	3945	2504	6,30	200	1688	10	4	1500	10/40
GA C11	GA-C.33L.20.1.4X4	1	5,5	585	359	1	200	440	3,5	1	1500	10/40
GA C12	GA-C.33L.20.1.4X5	1	5,5	735	490	1,24	200	430	3	1	1500	10/40
GA C13	GA-C.33L.20.1.4X6	1	5,5	843	549	1,49	200	420	3	1	1500	10/40
GA C21	GA-C.50L.20.2.4X4	1	5,5	1356	885	1,61	200	880	6	2	1500	10/40
GA C22	GA-C.50L.20.2.4X5	2	5,5	1082	683	2,01	200	860	5,5	2	1500	10/40
GA C23	GA-C.50L.20.2.4X6	2	5,5	1379	896	2,41	200	840	5,5	2	1500	10/40
GA C31	GA-C.81L.20.3.4X4	2	5,5	1833	1192	2,6	200	1337	8	3	1500	10/40
GA C32	GA-C.81L.20.3.4X5	2	5,5	2263	1468	1,53	200	1310	7,5	3	1500	10/40
GA C33	GA-C.81L.20.3.4X6	2	5,5	2578	1665	1,74	200	1284	7,5	3	1500	10/40
GA C41	GA-C.110L.20.4.4X5	2	5,5	3286	2080	2,22	200	1744	11	4	1500	10/40
GA C42	GA-C.110L.20.4.4X6	2	5,5	3632	2315	2,46	200	1708	10	4	1500	10/40

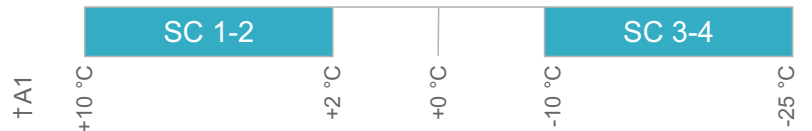
### GA Unit Coolers

3/8" Cooper Tube - Surface Corrugated Aluminium Fins.

Kalıp Geometrisi / Mould Geometry 25 x 21,65

Bakır Boru / Copper Tube 3/8

Gövde / Body ALÜMİNYUM / ALUMINIUM





GA A, B, C  
TEKNİK DETAYLAR / TECHNICAL DATA

GA A, B, C / E  
REZİSTANSLI / ELECTRIC DEFROST

Kod Code	Model Model	Devreleme Circuit	Lamel Aralığı Fin Spacing	Kapasite Capacity		Isı Transfer Alanı Heat Transfer Area	FAN					
				E DEFROST			Fan Çapı Fan Diameter	Hava Debisi Air Flow	Hava Üfleme Air Throw	Fan Ad. Number of Fan	Devre RPM	Watt
				SC3	SC4							
				pcs	mm		watt	watt	Ø mm	m <sup>3</sup> /h	m	Fan
GAA11	GA-A.33L.20.1.4X4	1	3,5/7	307	228	1,48	200	421	3,5	1	1500	10/38
GAA12	GA-A.33L.20.1.4X5	1	3,5/7	371	258	1,85	200	406	3	1	1500	10/38
GAA13	GA-A.33L.20.1.4X6	1	3,5/7	417	369	2,22	200	380	3	1	1500	10/38
GAA21	GA-A.50L.20.2.4X4	1	3,5/7	686	499	2,39	200	842	6	2	1500	10/38
GAA22	GA-A.50L.20.2.4X5	2	3,5/7	653	450	2,98	200	812	5,5	2	1500	10/38
GAA23	GA-A.50L.20.2.4X6	2	3,5/7	675	456	3,58	200	760	5,5	2	1500	10/38
GAA31	GA-A.81L.20.3.4X4	2	3,5/7	957	647	3,87	200	1285	8	3	1500	10/38
GAA32	GA-A.81L.20.3.4X5	2	3,5/7	1139	856	4,83	200	1246	7,5	3	1500	10/38
GAA33	GA-A.81L.20.3.4X6	2	3,5/7	1319	1017	5,80	200	1208	7,5	3	1500	10/38
GAA41	GA-A.110L.20.4.4X5	2	3,5/7	1697	1387	6,57	200	1658	11	4	1500	10/38
GAA42	GA-A.110L.20.4.4X6	2	3,5/7	1813	1497	7,88	200	1605	10	4	1500	10/38
GA B11	GA-B.33L.20.1.4X4	1	4,5/9	265	200	1,48	200	421	3,5	1	1500	10/38
GA B12	GA-B.33L.20.1.4X5	1	4,5/9	340	215	1,48	200	421	3	1	1500	10/38
GA B13	GA-B.33L.20.1.4X6	1	4,5/9	397	264	1,78	200	409	3	1	1500	10/38
GA B21	GA-B.50L.20.2.4X4	1	4,5/9	643	438	1,91	200	866	6	2	1500	10/38
GA B22	GA-B.50L.20.2.4X5	2	4,5/9	576	391	2,39	200	842	5,5	2	1500	10/38
GA B23	GA-B.50L.20.2.4X6	2	4,5/9	684	446	2,87	200	818	5,5	2	1500	10/38
GA B31	GA-B.81L.20.3.4X4	2	4,5/9	1023	682	3,09	200	1317	8	3	1500	10/38
GA B32	GA-B.81L.20.3.4X5	2	4,5/9	1082	744	3,87	200	1286	7,5	3	1500	10/38
GA B33	GA-B.81L.20.3.4X6	2	4,5/9	1239	911	4,64	200	1255	7,5	3	1500	10/38
GA B41	GA-B.110L.20.4.4X5	2	4,5/9	1563	1248	5,25	200	1710	11	4	1500	10/38
GA B42	GA-B.110L.20.4.4X6	2	4,5/9	1696	1393	6,30	200	1688	10	4	1500	10/38
GA C11	GA-C.33L.20.1.4X4	1	5,5	232	171	1	200	440	3,5	1	1500	10/38
GA C12	GA-C.33L.20.1.4X5	1	5,5	312	206	1,24	200	430	3	1	1500	10/38
GA C13	GA-C.33L.20.1.4X6	1	5,5	365	235	1,49	200	420	3	1	1500	10/38
GA C21	GA-C.50L.20.2.4X4	1	5,5	577	377	1,61	200	880	6	2	1500	10/38
GA C22	GA-C.50L.20.2.4X5	2	5,5	457	342	2,01	200	860	5,5	2	1500	10/38
GA C23	GA-C.50L.20.2.4X6	2	5,5	528	410	2,41	200	840	5,5	2	1500	10/38
GA C31	GA-C.81L.20.3.4X4	2	5,5	792	589	2,6	200	1337	8	3	1500	10/38
GA C32	GA-C.81L.20.3.4X5	2	5,5	1067	645	1,53	200	1310	7,5	3	1500	10/38
GA C33	GA-C.81L.20.3.4X6	2	5,5	1128	795	1,74	200	1284	7,5	3	1500	10/38
GA C41	GA-C.110L.20.4.4X5	2	5,5	1421	1098	2,22	200	1744	11	4	1500	10/38
GA C42	GA-C.110L.20.4.4X6	2	5,5	1546	1250	2,46	200	1708	10	4	1500	10/38

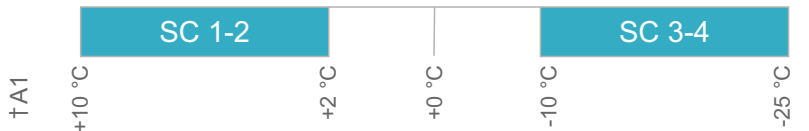
### GA Unit Coolers

3/8" Cooper Tube - Surface Corrugated Aluminium Fins.

Kalıp Geometrisi / Mould Geometry 25 x 21,65

Bakır Boru / Copper Tube 3/8

Gövde / Body ALÜMİNYUM / ALUMINIUM



# GA SERİSİ / SERIES



## SOĞUTMA ÜNİTELERİ / UNIT COOLERS

GA A, B, C  
TEKNİK DETAYLAR / TECHNICAL DATA



GA A, B, C / E  
REZİSTANSLI / ELECTRIC DEFROST

Kod Code	Boyutlar Dimensions				Bağlantılar Connection			Defrost Defrost (E)
	a	b	c	d	Drenaj Drainage	Giriş Inlet	Çıkış Outlet	
	mm	mm	mm	mm	PVC	mm	mm	
GA A11 - A12 - A13 GA B11 - B12 - B13 GA C11 - C12 - C13	405	435	140	310	Ø1/2	3/8	3/8	350 W
GA A21 - A22 - A23 GA B21 - B22 - B23 GA C21 - C22 - C23	600	435	140	500	Ø1/2	3/8	3/8	500 W
GA A31 - A32 - A33 GA B31 - B32 - B33 GA C31 - C32 - C33	970	435	140	810	Ø1/2	1/2	5/8	800 W
GA A41 - A42 GA B41 - B42 GA C41 - C42	1260	435	140	1100	Ø1/2	1/2	5/8	1100 W

