



### GDL Chiller Room Air Cooler ( Fin Space 5mm)

Model	GDL8.6/403A	GDL11.6	GDL14.5	GDL12.6	GDL16.8	GDL18.6	GDL19.6
Capacitykw	8.55	11.59	14.49	12.58	16.63	18.61	19.58
Pipe Volume (L)	8.2	11.02	16.11	14.61	22.63	27.63	18.95
Heating Transfer Area (m²)	39.5	52.7	79.1	67.5	84.4	101.2	90
Air Flow (m³/h)	10290	13740	13740	11130	16480	16480	23180
Air Throw (m)	29	33	31	27	33	33	38
Fan Size (mm)	φ400	φ400	φ400	φ450	φ450	φ450	φ450
Fan Input (w)	900	1200	1200	960	1440	1440	1920
Defrosting (kw)	Coil: 5.68 Drain Plate: 1.42	7.2 1.8	12.6 1.8	10.96 1.37	12.3 2.05	16.4 2.05	12.8 2.56
Pipe Dia (mm)	Liquid: φ16 Gas: φ35	φ22 φ42	φ22 φ42	φ22 φ54	φ22 φ42	φ28 φ54	φ28 φ54
Overall Size (mm)	A: 2110 B: 520 C: 570	2720 520 570	2720 520 570	2160 600 645	3040 600 645	3040 600 645	3920 600 645

DT=8K t0=0°C

### GDD Freezer Room Air Cooler ( Fin Space 7mm)

Model	GDD4.6	GDD5.5	GDD6.9	GDD8.2	GDD9.2	GDD10.3	GDD12.0	GDD15.0
Capacitykw	4.59	5.49	6.91	8.2	9.24	10.31	12.04	15.07
Pipe Volume (L)	5.66	6.93	8.2	10.11	11.78	14.61		
Heating Transfer Area (m²)	19.5	24.4	29.2	36.5	41.6	49.9	49.9	74.8
Air Flow (m³/h)	7300	6870	10940	10310	11620	11130	18400	16690
Air Throw (m)	19.5	24.4	30	30	28	28	35	34
Fan Size (mm)	φ400	φ400	φ400	φ400	φ450	φ450	φ450	φ450
Fan Input (w)	600	600	900	900	960	960	1440	1440
Defrosting (kw)	Coil: 3.8 Drain Plate: 0.95	5.7 0.95	5.68 1.42	7.1 1.42	9.59 1.37	10.96 1.37	10.25 2.05	16.4 2.05
Pipe Dia (mm)	Liquid: φ12 Gas: φ35	φ16 φ35	φ16 φ35	φ22 φ35	φ22 φ45	φ22 φ54	φ28 φ54	φ28 φ54
Overall Size (mm)	A: 1530 B: 540 C: 570	1530 540 570	2110 540 570	2110 540 570	2160 600 645	2160 600 645	3040 600 645	3040 600 645

DT=7K t0=-18°C

### GDJ Blast Freezer Room Air Cooler ( Fin Space 9mm)

Model	GDJ3.8	GDJ5.2	GDJ8.1	GDJ9.2	GDJ10.5
Capacitykw	3.86	5.25	8.1	9.19	10.47
Pipe Volume (L)	5.18	7.63	11.45	13.02	13.02
Heating Transfer Area (m²)	16	23.5	35.3	40.1	40.1
Air Flow (m³/h)	6590	6760	10140	12630	18940
Air Throw (m)	25	24	30	28	35
Fan Size (mm)	φ350	φ400	φ400	φ450	φ450
Fan Input (w)	495	600	900	960	1440
Defrosting (kw)	Coil: 4.16 Drain Plate: 1.04	6.65 0.95	9.94 1.42	10.96 1.37	10.25 2.05
Pipe Dia (mm)	Liquid: φ12 Gas: φ28	φ16 φ42	φ22 φ42	φ28 φ54	φ28 φ54
Overall Size (mm)	A: 1720 B: 460 C: 505	1530 540 570	2110 540 570	2160 600 645	3040 600 645

DT=7K t0=-25°C



Supcool Refrigeration Equipment Factory

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DD Freezer Room Air Cooler ( Fin Space 6.0 mm)										
Model		DD1.4/311A	DD2.3/311A	DD3/312A	DD4.5/312A	DD6/352A	DD7.5/402A	DD9/402A	DD11/402A	DD15.5/502A
Capacitykw	R404A	1.5	2.4	3.2	4.7	6.3	7.9	9.5	11.6	16.3
Pipe Volume (L)		1.4	2.4	3.1	4.4	6.1	7.9	9.4	11	15.6
Heating Transfer Area (m²)		5.5	8.5	11	20	27	33	40	47	67
Air Flow (m³/h)		1500	1500	3000	3000	4500	7000	7000	7000	12000
Air Throw (m)		9	9	9	9	10	12	12	12	15
Fan Size (mm)		φ315	φ315	φ315	φ315	φ350	φ400	φ400	φ400	φ500
Fan Input (w)		90	90	180	180	280	390	390	390	1000
Defrosting (kw)	Coil	1	1.5	2.7	3.6	3.6	4.8	6	6	7.5
	Drain Plate	0.5	0.5	0.9	0.9	1.2	1.2	1.2	1.2	3
Pipe Dia (mm)	Liquid	φ12.7	φ12.7	φ12.7	φ12.7	φ16	φ16	φ16	φ16	φ22
	Gas	φ12.7	φ19	φ22	φ22	φ22	φ22	φ28	φ28	φ35
Overall Size (mm)	A	642	642	1092	1108	1408	1488	148	1680	2121
	B	445	445	445	455	455	555	555	555	595
	C	465	465	465	465	465	565	665	665	665

Model		DD19/453A	DD24/503A	DD29/503A	DD32/503A	DD38/504A	DD47/554A	DD58/554A	DD72/604A	DD79/634A	DD88/634A
Capacitykw	R404A	20	25.2	30.5	33.6	39.9	49.4	60.9	75.6	83	92.4
Pipe Volume (L)		19.1	22.4	25.6	32	38.7	45.1	58	70.9	77.3	83.7
Heating Transfer Area (m²)		80	94	127	159	196	220	288	346	384	422
Air Flow (m³/h)		13500	18000	18000	18000	24000	30000	30000	42000	46000	46000
Air Throw (m)		14	15	15	15	15	18	18	18	18	20
Fan Size (mm)		φ450	φ500	φ500	φ500	φ500	φ550	φ550	φ600	φ630	φ630
Fan Input (w)		840	1500	1500	1500	2000	3000	3000	3400	3520	3520
Defrosting (kw)	Coil	10	10	12	12	15.6	15.6	23.4	26	31.2	33.8
	Drain Plate	4	4	4	4	5.2	5.2	5.2	5.2	5.2	5.2
Pipe Dia (mm)	Liquid	φ22	φ22	φ22	φ22	φ22	2-φ16	2-φ22	2-φ22	2-φ28	2-φ28
	Gas	φ35	φ42	φ42	φ54	φ54	φ54	φ54	φ60	φ60	φ60
Overall Size (mm)	A	2695	2695	2890	2890	3778	3778	3978	3978	3988	3988
	B	595	595	595	675	685	685	785	785	785	785
	C	665	765	765	765	865	975	975	975	1075	1175

DT=7K t0=-25°C

DJ Blast Freezer Air Cooler ( Fin Space 9.0mm)										
Model		DJ1.7/311A	DJ2.2/312A	DJ2.7/312A	DJ4.2/352A	DJ5.6/402A	DJ6.8/402A	DJ7.8/402A	DJ11.5/502A	DJ14/453A
Capacitykw	R404A	1.8	2.3	2.8	4.4	5.9	7.1	8.2	12.1	14.7
Pipe Volume (L)		2.4	3.1	4.4	6.1	7.9	9.4	11	15.6	19.1
Heating Transfer Area (m²)		6	8	14	19	23	28	33	47	56
Air Flow (m³/h)		1500	3000	3000	4500	7000	7000	7000	12000	13500
Air Throw (m)		9	9	9	10	12	12	12	15	14
Fan Size (mm)		φ315	φ315	φ315	φ350	φ400	φ400	φ400	φ500	φ450
Fan Input (w)		90	180	180	280	390	390	390	1000	840
Defrosting (kw)	Coil	1.5	2.7	3.6	3.6	4.8	6	6	7.5	10
	Drain Plate	0.5	0.9	0.9	1.2	1.2	1.2	1.2	3	4
Pipe Dia (mm)	Liquid	φ12.7	φ12.7	φ12.7	φ16	φ16	φ16	φ16	φ22	φ22
	Gas	φ19	φ22	φ22	φ22	φ22	φ28	φ28	φ35	φ35
Overall Size (mm)	A	642	1092	1108	1408	1488	148	1680	2121	2695
	B	445	445	455	455	555	555	555	595	595
	C	465	465	465	465	565	665	665	665	665

Model		DJ17/503A	DJ20/503A	DJ23/503A	DJ26/504A	DJ31/554A	DJ40/554A	DJ49/604A	DJ53.6/634A	DJ58/634A
Capacitykw	R404A	17.9	21	24.2	27.3	32.6	42	51.5	56	61
Pipe Volume (L)		22.4	25.6	32	38.7	45.1	58	70.9	77.3	83.7
Heating Transfer Area (m²)		66	87	108	134	150	197	237	263	289
Air Flow (m³/h)		18000	18000	18000	24000	30000	30000	42000	46000	46000
Air Throw (m)		15	15	15	15	18	18	18	18	20
Fan Size (mm)		φ500	φ500	φ500	φ500	φ550	φ550	φ600	φ630	φ630
Fan Input (w)		1500	1500	1500	2000	3000	3000	3400	3520	3520
Defrosting (kw)	Coil	10	12	12	15.6	15.6	23.4	26	31.2	33.8
	Drain Plate	4	4	4	5.2	5.2	5.2	5.2	5.2	5.2
Pipe Dia (mm)	Liquid	φ22	φ22	φ22	φ22	2-φ16	2-φ22	2-φ22	2-φ28	2-φ28
	Gas	φ42	φ42	φ54	φ54	φ54	φ54	φ60	φ60	φ60
Overall Size (mm)	A	2695	2890	2890	3778	3778	3978	3978	3988	3988
	B	595	595	675	685	685	785	785	785	785
	C	765	765	765	865	975	975	975	1075	1175

DT=7K t0=-32°C



**Product Description:**

- Power Painting Steel Body;
- Defrosting with stainless steel electric heater;
- Double layer drain plate keep the condensate water from frozen.



## D&G Series Air Coolers



**Nomenclature:**

**D**<sup>1</sup> **L**<sup>2</sup> **29**<sup>3</sup> / **45**<sup>4</sup> **3**<sup>5</sup> **A**<sup>6</sup>

**1** Series Number

**2** Room Temperature

L: -5°C ~ +5°C D: -15°C ~ -20°C J: Below -25°C

**3** Cooling Capacity (KW)

**4** Dia.(cm) of Fan Motor

**5** Quantity of Fan Motors

**6** A:380V 3 Phase 50Hz B:220V 1 Phase 50Hz

### DL Chiller Room Air Cooler ( Fin Space 4.5mm)

Model	DL2.2/311A	DL3.5/311A	DL4.7/312A	DL6/312A	DL9/352A	DL12.5/402A	DL14.5/402A	DL17/402A	DL25/502A	
Capacitykw	R404A	2.3	3.7	4.9	6.3	9.5	13.1	15.2	17.9	26.3
Pipe Volume (L)		1.4	2.4	3.1	4.4	6.1	7.9	9.4	11	15.6
Heating Transfer Area (m <sup>2</sup> )		7	11	14	26	35	43	52	61	87
Air Flow (m <sup>3</sup> /h)		1500	1500	3000	3000	4500	7000	7000	7000	12000
Air Throw (m)		9	9	9	9	10	12	12	12	15
Fan Size (mm)		φ315	φ315	φ315	φ315	φ350	φ400	φ400	φ400	φ500
Fan Input (w)		90	90	180	180	280	390	390	390	1000
Defrosting (kw)	Coil	1	1.5	2.7	3.6	3.6	4.8	6	6	7.5
	Drain Plate	0.5	0.5	0.9	0.9	1.2	1.2	1.2	1.2	3
Pipe Dia (mm)	Liquid	φ12.7	φ12.7	φ12.7	φ12.7	φ16	φ16	φ16	φ16	φ22
	Gas	φ12.7	φ19	φ22	φ22	φ22	φ22	φ28	φ28	φ35
Overall Size (mm)	A	642	642	1092	1108	1408	1488	148	1680	2121
	B	445	445	445	455	455	555	555	555	595
	C	465	465	465	465	465	565	665	665	665

Model	DL29/453A	DL36.5/503A	DL42/503A	DL49/503A	DL59/504A	DL70/554A	DL84/554A	DL103/604A	DL112/634A	DL122/634A	
Capacitykw	R404A	30.5	38.3	44.1	51.5	62	73.5	88.2	108.2	117.6	128.1
Pipe Volume (L)		19.1	22.4	25.6	32	38.7	45.1	58	70.9	77.3	83.7
Heating Transfer Area (m <sup>2</sup> )		104	122	166	208	256	288	377	453	503	553
Air Flow (m <sup>3</sup> /h)		13500	18000	18000	18000	24000	30000	30000	42000	46000	46000
Air Throw (m)		14	15	15	15	15	18	18	18	18	20
Fan Size (mm)		φ450	φ500	φ500	φ500	φ500	φ550	φ550	φ600	φ630	φ630
Fan Input (w)		840	1500	1500	1500	2000	3000	3000	3400	3520	3520
Defrosting (kw)	Coil	10	10	12	12	15.6	15.6	23.4	26	31.2	33.8
	Drain Plate	4	4	4	4	5.2	5.2	5.2	5.2	5.2	5.2
Pipe Dia (mm)	Liquid	φ22	φ22	φ22	φ22	φ22	2-φ16	2-φ22	2-φ22	2-φ28	2-φ28
	Gas	φ35	φ42	φ42	φ54	φ54	φ54	φ54	φ60	φ60	φ60
Overall Size (mm)	A	2695	2695	2890	2890	3778	3778	3978	3978	3988	3988
	B	595	595	595	675	685	685	785	785	785	785
	C	665	765	765	765	865	975	975	975	1075	1175

DT=7K 10=-7C