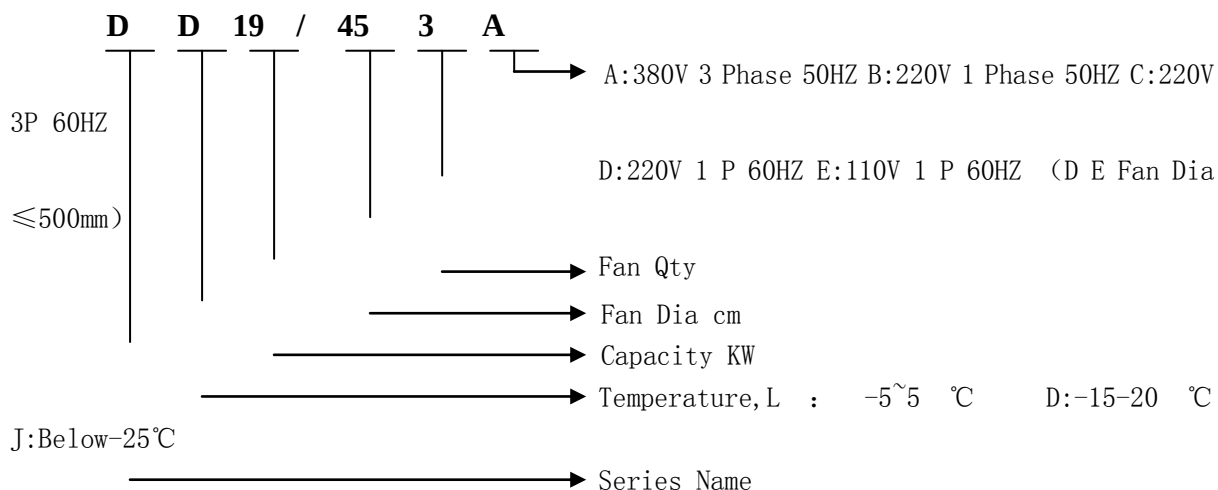


14. D series air coolers



The D series of air coolers, features cabinet of steel plate with plastic spray, with 4.5, 6.0, 9.0 mm fin space coils, has DL, DD, DJ 3 sub series of products for different range temperature need. DL for around 0°C, DD for ~ -18°C, DJ for temperature below -25°C rooms. In side are evenly arranged defrosting heaters. The bottom has double water receiver.

Model code



Specifications

DL Models (Fin Space 4.5mm)

Model	Capacitykw DT=7K t ₀ =-7°C		Area ^m ₂	Tube Vdm ³	Air Flowm ³ / h	Air Throw m	Fan Input W	Defrosting W		Pipe dia mm		Drain age dia
	R22	R404A						Coil	Rever	Liquid	Gas	
DL2. 2/311A	2. 2	2. 3	7	1. 4	1500	9	90	1. 0	0. 5	Φ 12	Φ 16	1 "
DL3. 5/311A	3. 5	3. 7	11	2. 4	1500	9	90	1. 5	0. 5	Φ 12	Φ 16	1 "
DL4. 7/312A	4. 7	4. 9	14	3. 1	3000	9	180	1. 8	0. 9	Φ 12	Φ 22	1 "

DL6/312A	6	6.3	26	4.4	3000	9	180	2.7	0.9	Φ 12	Φ 22	1 "
DL9/352A	9	9.5	35	6.1	4500	10	280	2.7	0.9	Φ 16	Φ 28	1 "
DL12.5/402A	12.5	13.1	43	7.9	7000	13	360	3.6	1.2	Φ 16	Φ 28	1 "
DL14.5/402A	14.5	15.2	52	9.4	7000	13	360	4.8	1.2	Φ 16	Φ 28	1 "
DL17/402A	17	17.9	61	11	7000	13	360	6.0	1.2	Φ 16	Φ 35	1 "
DL25/502A	25	26.3	87	15.6	12000	17	900	7.5	1.5	Φ 16	Φ 35	1 "
DL29/453A	29	30.5	104	19.1	13500	17	750	8.0	2.0	Φ 22	Φ 42	1 "
DL36.5/503A	36.5	38.3	122	22.4	18000	19	1350	8.0	2.0	Φ 22	Φ 42	1 "
DL42/503A	42	44.1	156	25.6	18000	19	1350	10.0	2.0	Φ 22	Φ 42	1 "
DL49/503A	49	51.5	182	32	18000	19	1350	12.0	2.0	Φ 28	Φ 54	1 "
DL59/504A	59	62.0	208	38.7	24000	19	1800	13.0	2.6	Φ 28	Φ 54	1 "
DL70/554A	70	73.5	260	45.1	30000	25	2400	15.6	2.6	Φ 28	Φ 54	1 "
DL84/554A	84	88.2	306	58	30000	25	2400	18.6	2.6	Φ 28	Φ 54	1 "
DL103/604A	103	108.2	371	70.9	42000	25	3120	20.8	2.6	Φ 35	Φ 76	1 "
DL112/634A	112	117.6	390	77.3	46000	25	3200	23.4	5.2	Φ 35	Φ 76	1 "
DL122/634A	122	128.1	463	83.7	46000	28	3200	26	5.2	Φ 35	Φ 76	1 "

DD Models (Fin Space 6.0 mm)

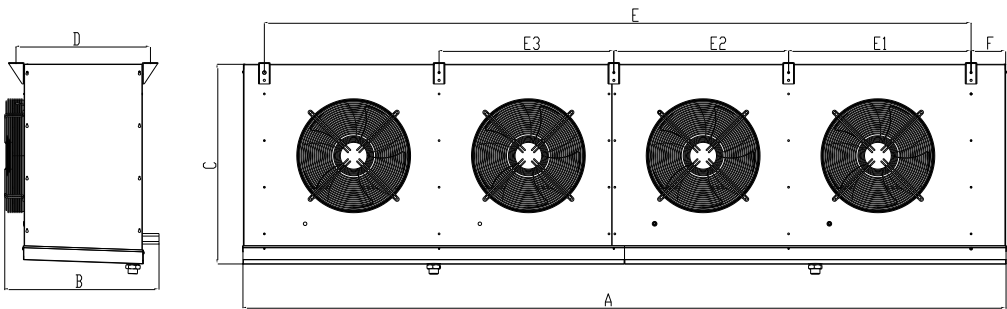
Model	Capacitykw DT=7K t ₀ =-7℃		Aream ²	Tube Vdm ³	Air Flowm ³ / h	Air Throw m	Fan Input W	Defrosting W		Pipe dia mm		Drain age dia
	R22	R404A						Coil	Rever	Liquid	Gas	
DD1.4/311A	1.4	1.5	5.5	1.4	1500	9	90	1.0	0.5	Φ 12	Φ 16	1 "
DD2.3/311A	2.3	2.4	8.5	2.4	1500	9	90	1.5	0.5	Φ 12	Φ 16	1 "
DD3/312A	3	3.2	11	3.1	3000	9	180	1.8	0.9	Φ 12	Φ 22	1 "
DD4.5/312A	4.5	4.7	20	4.4	3000	9	180	2.7	0.9	Φ 12	Φ 22	1 "
DD6/352A	6	6.3	27	6.1	4500	10	280	2.7	0.9	Φ 16	Φ 28	1 "

DD7. 5/402A	7. 5	7. 9	33	7. 9	7000	13	360	4. 8	1. 2	Φ 16	Φ 28	1 "
DD9/402A	9	9. 5	40	9. 4	7000	13	360	6. 0	1. 2	Φ 16	Φ 28	1 "
DD11/402A	11	11. 6	47	11	7000	13	360	7. 2	1. 2	Φ 16	Φ 35	1 "
DD15. 5/502A	15. 5	16. 3	67	15. 6	12000	17	900	7. 5	3. 0	Φ 16	Φ 35	1 "
DD19/453A	19	20	80	19. 1	13500	17	750	8. 0	4. 0	Φ 22	Φ 42	1 "
DD24/503A	24	25. 2	94	22. 4	18000	19	1350	10. 0	4. 0	Φ 22	Φ 42	1 "
DD29/503A	29	30. 5	120	25. 6	18000	19	1350	12. 0	4. 0	Φ 22	Φ 42	1 "
DD32/503A	32	33. 6	140	32	18000	19	1350	14. 0	4. 0	Φ 28	Φ 54	1 "
DD38/504A	38	39. 9	160	38. 7	24000	19	1800	14. 0	5. 2	Φ 28	Φ 54	1 "
DD47/554A	47	49. 4	200	45. 1	30000	25	2400	15. 6	5. 2	Φ 28	Φ 54	1 "
DD58/554A	58	60. 9	235	58	30000	25	2400	20. 8	5. 2	Φ 28	Φ 54	1 "
DD72/604A	72	75. 6	285	70. 9	42000	25	3120	26. 0	5. 2	Φ 35	Φ 76	1 "

DJ Models (Fin Space 9.0mm)

Model	Capacitykw DT=7K t ₀ =-7℃		Aream ²	Tube Vdm ³	Air Flowm ³ / h	Air Throw m	Fan Input W	Defrosting W		Pipe dia mm		Drain age dia
	R22	R404A						Coil	Rever	Liquid	Gas	
DJ1. 7/311A	1. 7	1. 8	6	2. 4	1500	9	90	1. 5	0. 5	Φ 12	Φ 16	1 "
DJ2. 2/312A	2. 2	2. 3	8	3. 1	3000	9	180	1. 8	0. 9	Φ 12	Φ 22	1 "
DJ2. 7/312A	2. 7	2. 8	14	4. 4	3000	9	180	2. 7	0. 9	Φ 12	Φ 22	1 "
DJ4. 2/352A	4. 2	4. 4	19	6. 1	4500	10	280	2. 7	0. 9	Φ 16	Φ 28	1 "
DJ5. 6/402A	5. 6	5. 9	23	7. 9	7000	13	360	4. 8	1. 2	Φ 16	Φ 28	1 "

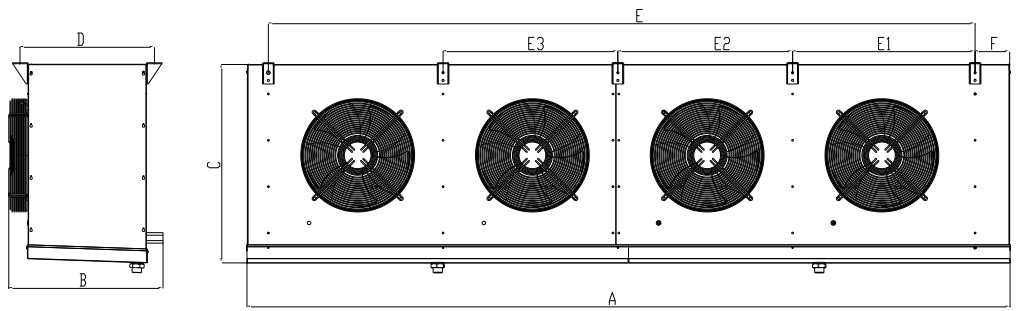
DJ6. 8/402A	6. 8	7. 1	28	9. 4	7000	13	360	6. 0	1. 2	φ 16	φ 28	1 "
DJ7. 8/402A	7. 8	8. 2	33	11	7000	13	360	7. 2	1. 2	φ 16	φ 35	1 "
DJ11. 5/502A	11. 5	12. 1	47	15. 6	12000	17	900	7. 5	3. 0	φ 16	φ 35	1 "
DJ14/453A	14	14. 7	56	19. 1	13500	17	750	8. 0	4. 0	φ 22	φ 42	1 "
DJ17/503A	17	17. 9	66	22. 4	18000	19	1350	10. 0	4. 0	φ 22	φ 42	1 "
DJ20/503A	20	21	84	25. 6	18000	19	1350	12. 0	4. 0	φ 22	φ 42	1 "
DJ23/503A	23	24. 2	98	32	18000	19	1350	14. 0	4. 0	φ 28	φ 54	1 "
DJ26/504A	26	27. 3	112	38. 7	24000	19	1800	14. 0	5. 2	φ 28	φ 54	1 "
DJ31/554A	31	32. 6	140	45. 1	30000	25	2400	15. 6	5. 2	φ 28	φ 54	1 "
DJ40/554A	40	60. 9	165	58	30000	25	2400	20. 8	5. 2	φ 28	φ 54	1 "
DJ49/604A	49	75. 6	200	70. 9	42000	25	3120	26. 0	5. 2	φ 35	φ 76	1 "
DJ53. 6/634A	53. 6	83	210	77. 3	46000	25	3200	28. 6	5. 2	φ 35	φ 76	1 "
DJ58/634A	58	92. 4	249	83. 7	46000	28	3200	33. 8	5. 2	φ 35	φ 76	1 "



Diagrams for overall sizes

/
DL Model sizes

Model	Overall Sizes mm								
	A	B	C	D	E	E1	E2	E3	F
DL2. 2/311A	642	445	465	364	440	–	–	–	105
DL3. 5/311A	642	445	465	364	440	–	–	–	105
DL4. 7/312A	1092	445	465	364	860	–	–	–	120
DL6/312A	1108	455	465	384	860	–	–	–	120
DL9/352A	1408	455	465	384	1160	–	–	–	135
DL12. 5/402A	1488	555	565	474	1240	–	–	–	135
DL14. 5/402A	1488	555	665	474	1240	–	–	–	135
DL17/402A	1488	555	565	474	1240	–	–	–	135
DL25/502A	1758	595	665	474	1480	–	–	–	135
DL29/453A	2121	595	665	474	1801	627	587	587	160
DL36. 5/503A	2400	595	665	474	2080	720	680	680	160
DL42/503A	2704	595	665	474	2374	818	778	778	160
DL49/503A	2704	655	665	534	2374	818	778	778	160
DL59/504A	3938	785	675	654	3600	930	885	895	170
DL70/554A	3938	785	775	654	3600	930	885	895	170
DL84/554A	3938	785	975	654	3600	930	885	895	170
DL103/604A	3938	785	975	654	3600	930	885	895	170
DL112/634A	3938	785	1075	654	3600	930	885	895	170
DL122/634A	3938	785	1175	654	3600	930	885	895	170



Diagrams for overall sizes

DD and DJ Model sizes

Model	Overall Sizes mm								
	A	B	C	D	E	E1	E2	E3	F
DD1. 4/311A	642	445	465	364	440	–	–	–	105
DD2. 3/311A	642	445	465	364	440	–	–	–	105
DD3/312A	1092	445	465	364	860	–	–	–	120
DD4. 5/312A	1108	455	465	384	860	–	–	–	120
DD6/352A	1408	455	465	384	1160	–	–	–	135
DD7. 5/402A	1488	555	565	474	1240	–	–	–	135
DD9/402A	1488	555	665	474	1240	–	–	–	135
DD11/402A	1488	555	565	474	1240	–	–	–	135
DD15. 5/502A	1758	595	665	474	1480	–	–	–	135
DD19/453A	2121	595	665	474	1801	627	587	587	160
DD24/503A	2400	595	665	474	2080	720	680	680	160
DD29/503A	2704	595	665	474	2374	818	778	778	160
DD32/503A	2704	655	665	534	2374	818	778	778	160
DD38/504A	3938	785	675	654	3600	930	885	895	170
DD47/554A	3938	785	775	654	3600	930	885	895	170
DD58/554A	3938	785	975	654	3600	930	885	895	170
DD72/604A	3938	785	975	654	3600	930	885	895	170
DD79/634A	3938	785	1075	654	3600	930	885	895	170
DD88/634A	3938	785	1175	654	3600	930	885	895	170

Model	Overall Sizes mm								
	A	B	C	D	E	E1	E2	E3	F
DJ1. 7/311A	642	445	465	364	440	–	–	–	105
DJ2. 2/312A	1092	445	465	364	860	–	–	–	120
DJ2. 7/312A	1108	455	465	384	860	–	–	–	120
DJ4. 2/352A	1408	455	465	384	1160	–	–	–	135
DJ5. 6/402A	1488	555	565	474	1240	–	–	–	135
DJ6. 8/402A	1488	555	665	474	1240	–	–	–	135
DJ7. 8/402A	1488	555	565	474	1240	–	–	–	135
DJ11. 5/502A	1758	595	665	474	1480	–	–	–	135
DJ14/453A	2121	595	665	474	1801	627	587	587	160
DJ17/503A	2400	595	665	474	2080	720	680	680	160
DJ20/503A	2704	595	665	474	2374	818	778	778	160
DJ23/503A	2704	655	665	534	2374	818	778	778	160
DJ26/504A	3938	785	675	654	3600	930	885	895	170
DJ31/554A	3938	785	775	654	3600	930	885	895	170
DJ40/554A	3938	785	975	654	3600	930	885	895	170
DJ49/604A	3938	785	975	654	3600	930	885	895	170
DJ53. 6/634A	3938	785	1075	654	3600	930	885	895	170
DJ58/634A	3938	785	1175	654	3600	930	885	895	170

EV series air coolers

EVS series of air cooler is suitable for cold cabinet, super market show case etc. It is applicable to the Freon refrigerating unit of the temperature of 0~8C.

It features shell made of alloy of aluminum and magnesium .in one evaporator with different fin space. (4.5+9mm) with efficiency heat exchange rate . M³

Specifications

(Fin space 4.5 & 9 mm)

Model	Cap	Area	Air volume	Air throw	Pipe. volume	Fan motor			
	DT=7K					V	Dia	Qty	Power
	KW	M ²	M ³ /h	m	dM ³	v	mm	n	W
EVS-40	0. 30	1.4	410	3	0. 33	220	200	1	1x40
EVS-60	0. 4	2.3	410	3	0. 48	220	200	1	1x40
EVS-100	0. 63	2.4	820	5	0. 54	220	200	2	2x40
EVS-130	0. 66	3.8	820	5	0. 8	220	200	2	2x40
EVS-180	1. 28	4.8	1230	5	1. 07	220	200	3	3x40
EVS-290	1. 76	7.7	1230	5	1. 61	220	200	3	3x40