

DLS series water defrosting air coolers



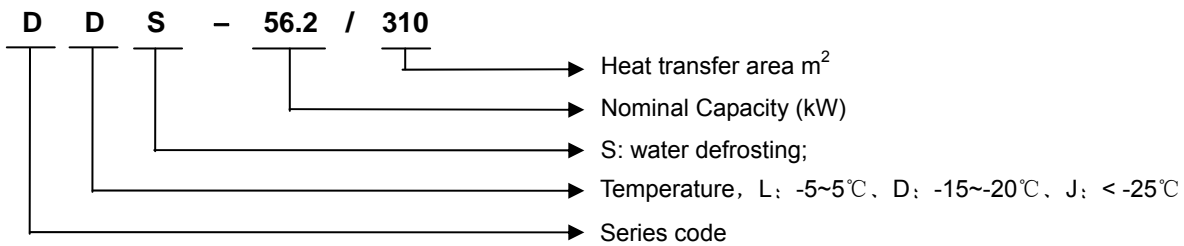
1. Product description

The DS series Products are air coolers feature by their defrosting method, they are better choice, applicable to various cold storage houses where electrical defrosting is not allowed. They are divided in different groups by temperature, the DLS group, for 0°C, DDS for -18°C and DJS, for that below -25°C. All the products are anti-rusty, corrosion proof, and high reliability. Long air duct is capable to fixed with the products.

2. Main components

- ◆ Powder painting steel body.
- ◆ Water defrosting
- ◆ Long distance fan motor is available

3. Nomenclature



4. Specifications

Model	Capacity DT=7K	Area m ²	Tube cubage L	Fan motor					Defrost water m ³ /h	Weight kg
	KW			Air m ³ /h	Dia. mm	Range m	Input w	voltage V		
Fin space: 4.5mm										
DLS-16/80	16.30	80	16.5	12000	500	15	2×750	380	1.9	181
DLS-22/105	22.38	105	22.7	12000	500	15	2×750	380	2.7	203
DLS-27/125	27.42	125	26.3	18000	500	15	3×750	380	3.1	270
DLS-34/160	33.71	160	33	18000	500	15	3×750	380	3.7	297
DLS-40/185	40.00	185	38.5	24000	500	15	4×550	380	4.3	340
DLS-45/210	44.96	210	44	24000	500	15	4×750	380	4.9	385
DLS-53/260	52.92	260	52	24000	500	15	4×750	380	6.1	420
DLS-67/330	67.25	330	66.2	24000	500	15	4×750	380	7.3	510
DLS-83/410	83.43	410	82.3	30000	500	15	5×750	380	7.7	530
Fin space: 6.0mm										
DDS-12/60	11.72	60	16.5	12000	500	15	2×750	380	1.5	176
DDS-16/80	15.88	80	22.7	12000	500	15	2×750	380	2.0	196
DDS-19/100	18.6	100	26.3	18000	500	15	3×750	380	2.4	265
DDS-23/120	23.36	120	33	18000	500	15	3×750	380	2.9	285
DDS-27/140	27.27	140	38.5	24000	500	15	4×750	380	3.4	330

DDS-31/160	31.14	160	44	24000	500	15	4×750	380	3.9	375
DDS-37/200	37.42	200	52	24000	500	15	4×750	380	4.8	385
DDS-47/250	46.83	250	66.2	24000	500	15	4×750	380	6.1	440
DDS-56/310	56.21	310	82.3	30000	500	15	5×750	380	6.5	460
Fin space: 9.0mm										
DJS-8/40	7.67	40	16.5	12000	500	15	2×750	380	1.1	172
DJS-10/55	10.41	55	22.7	12000	500	15	2×750	380	1.3	195
DJS-1370	12.84	70	26.3	18000	500	15	3×750	380	1.7	256
DJS-16/85	15.79	85	33	18000	500	15	3×750	380	2.1	277
DJS-19/100	18.49	100	38.5	24000	500	15	4×750	380	2.5	320
DJS-21/115	20.99	115	44	24000	500	15	4×750	380	2.9	363
DJS-24/140	23.90	140	52	24000	500	15	4×750	380	3.5	396
DJS-29/170	28.96	170	66.2	24000	500	15	4×750	380	4.3	484
DJS-36/210	35.91	210	82.3	30000	500	15	5×750	380	5.3	506

5. Overall dimensions

Model	Overall size (mm)			Install size (mm)							F(mm)		Connect pipe (mm)	
	A	B	C	D	E	E1	E2	E3	E4	F	Inlet	Outlet	Inlet	outlet
DLS-16.3/80 DDS-11.7/60 DJS-7.7/40	1920	540	850	470	1640	820	—	—	—	95	φ16	φ35	11/2"	2"
DLS-22.4/105 DDS-15.9/80 DJS-10.4/55	1920	610	800	540	1640	820	—	—	—	95				
DLS-27.4/125 DDS-18.6/100 DJS-12.8/70	2420	610	760	540	2150	725	700	—	—	95	φ22	φ42		
DLS-33.7/160 DDS-23.4/120 DJS-15.8/85	2720	610	800	540	2440	820	800	—	—	95				
DLS-40/185 DDS-27.3/140 DJS-18.5/100	3120	610	800	540	2850	725	700	700	—	95	φ28	φ54	2 1/2"	3"
DLS-45/210 DDS-31.1/160 DJS-21/115	3520	610	800	540	3250	825	800	800	—	95				
DLS-52.9/260 DDS-37.4/200 DJS-23.9/140	3520	610	900	540	3250	825	800	800	—	95				
DLS-67.2/330 DDS-46.8/250 DJS-29.0/170	3120	700	950	630	2850	725	700	700	—	95				
DLS-83.4/410 DDS-56.2/310 DJS-35.9/210	3520	700	950	630	3250	650	650	650	650	95				

