Electrical Defrost Evaporators

D series evaporator is a kind of cooling equipment suitable for various cold storages , such as quick freezing, fresh keeping and etc. There are three types available: DL, DD and DJ, which fits for the different temperatures. It has compact structure and make full use of warehouse area, which can make the storage food cool rapidly and improve the freshness of storage food.

The features as follows:

- The evaporator with reasonable structure, uniform frosting and high efficiency heat exchange;
- The casing is made of high quality steel with powder coating,SS304 casing also workable;
- The evaporator is assembled with quality fan motor with low noise, big air volume and stable operation;
- With U shaped stainless steel defrost heater put into the coil evenly, make the defrosting time shorter;
- Casing materials is optional;
- The evaporator is tested under air pressure 2.875MPa, guaranteeing the products' high gas tightness.

Tech.data for DL ceiling type high temperature evaporators

Model	Ref. capacity (kW)	Cooling Area (m2)	Spacing of Fins (mm)	Fan						Defrost heater		
				Qty	Diameter (mm)	Volume (m3/h)	Pressure (pa)	Fan motor (n*w)	Power supply	Coil (kW)	Water tray (kW)	Power supply
DL-2.1/10	2.1	10.0	4.5	1	300	1*1850	98	90	220/380v 50hz 1Ph/3Ph	0.5	0.50	220V 50Hz 1Ph
DL-3.1/15	3.1	15.0		2	300	2*1850	98	2*90		0.7	0.70	
DL-4.2/20	4.2	20.0		2	300	2*1850	98	2*90		0.8	0.80	
DL-5.2/25	5.2	25.0		2	350	2*2750	98	2*135		1.0	1.00	
DL-8.2/40	8.2	40.0		2	400	2*3500	118	2*190	380v 50hz 3Ph	2.2	1.10	
DL-11.5/55	11.5	55.0		2	400	2*3500	118	2*190		2.2	1.10	
DL-16.7/80	16.7	80.0		2	500	2*6500	167	2*420		2.7	1.40	
DL-22.0/105	22.0	105.0		2	500	2*6500	167	2*420		4.0	1.40	
DL-25.8/125	25.8	125.0		3	500	3*6500	167	3*420		7.2	1.80	
DL-35.6/160	35.6	160.0		3	500	3*6500	167	3*420		8.8	2.20	
DL-38.7/185	38.7	185.0		4	500	4*6500	167	4*420		10.0	2.50	
DL-44.0/210	44.0	210.0		4	500	4*6500	167	4*420		11.2	2.80	
DL-52.9/260(A)	52.9	260.0		4	500	4*6500	167	4*420		14.4	2.80	
DL-52.9/260(B)	52.9	260.0		2	600	2*10000	200	2*1100		12.6	1.80	
DL-67.2/330(A)	67.2	330.0		4	550	4*7500	180	4*550		16.8	2.80	
DL-67.2/330(B)	67.2	330.0		3	600	3*10000	200	3*1100		15.5	2.20	
DL-83.4/410	83.4	410.0		3	600	3*10000	200	3*1100		18.2	2.60	
DL-86.0/440	86.0	440.0		3	600	3*10000	200	3*1100		19.6	2.80	
DL-91.0/460	91.0	460.0		3	650	3*12000	210	3*2200		23.4	2.60	
DL-97.5/500	97.5	500.0		3	650	3*12000	210	3*2200		25.5	2.80	
DL-105.0/540	105.0	540.0		4	600	4*10000	200	4*1100		24.0	3.40	
DL-111.0/570	111.0	570.0		4	600	4*10000	200	4*1100		25.2	3.60	
DL-117.0/600	117.0	600.0		4	650	4*12000	210	4*2200		30.6	3.40	
DL-125.0/640	125.0	640.0		4	650	4*12000	210	4*2200		32.4	3.60	
DL-129.0/665	129.0	665.0		4	650	4*12000	210	4*2200		33.3	3.70	
DL-133.0/700	133.0	700.0		4	650	4*12000	210	4*2200		28.5	6.30	
DL-140.0/735	140.0	735.0		4	650	4*12000	210	4*2200		30.0	6.60	
DL-147.0/775	147.0	775.0		4	650	4*12000	210	4*2200		31.5	7.00	
DL-152.0/800	152.0	800.0		4	650	4*12000	210	4*2200		32.5	7.20	

Note :The tech .data is based on R22,T(r)=0°C, △T=10°C.

Tech.data for DD ceiling type middle temperature evaporators

Model	Ref. capacity (kW)	Cooling Area (m2)	Spacing of Fins (mm)	Fan						Defrost heater		
				Qty	Diameter (mm)	Volume (m3/h)	Pressure (pa)	Fan motor (n*w)	Power supply	Coil (kW)	Water tray (kW)	Power supply
DD-1.4/7	1.40	7	6	1	300	1*1850	98	90	220/380v 50hz 1Ph/3Ph	0.5	0.5	220V 50Hz 1Ph
DD-2.35/12	2.35	12		2	300	2*1850	98	2*90		0.7	0.7	
DD-3.0/15	3.00	15		2	300	2*1850	98	2*90		0.8	0.8	
DD-4.0/22	4.00	22		2	350	2*2750	98	2*135		1.0	1.0	
DD-6.0/30	6.00	30		2	400	2*3500	118	2*190	380v 50hz 3Ph	2.2	1.1	
DD-8.0/40	8.00	40		2	400	2*3500	118	2*190		2.2	1.1	
DD-12.0/60	12.00	60		2	500	2*6500	167	2*420		4.0	1.4	
DD-15.9/80	15.90	80		2	500	2*6500	167	2*420		5.4	1.4	
DD-20.0/100	20.00	100		3	500	3*6500	167	3*420		9.0	1.8	
DD-24.0/120	24.00	120		3	500	3*6500	167	3*420		11.0	2.2	
DD-28.0/140	28.00	140		4	500	4*6500	167	4*420		12.5	2.5	
DD-32.1/160	32.10	160		4	500	4*6500	167	4*420		14.0	2.8	
DD-37.4/200(A)	37.40	200		4	500	4*6500	167	4*420		17.3	2.8	
DD-37.4/200(B)	37.40	200		2	600	2*10000	200	2*1500		14.4	1.8	
DD-46.8/250(A)	46.80	250		4	550	4*7500	180	4*550		19.6	2.5	
DD-46.8/250(B)	46.80	250		3	600	3*10000	200	3*1500		17.3	2.2	
DD-56.2/310	56.20	310		3	600	3*10000	200	3*1500		20.8	2.6	
DD-59.4/330	59.40	330		3	600	3*10000	200	3*1500		22.4	2.8	
DD-64.7/350	64.70	350		3	650	3*12000	210	3*2200		26.0	2.6	
DD-68.4/380	68.40	380		3	650	3*12000	210	3*2200		28.0	2.8	
DD-72.0/400	72.00	400		4	600	4*10000	200	4*1500		27.2	3.4	
DD-76.5/425	76.50	425		4	600	4*10000	200	4*1500		28.8	3.6	
DD-81.0/450	81.00	450		4	650	4*12000	210	4*2200		34.0	3.4	
DD-86.5/480	86.50	480		4	650	4*12000	210	4*2200		36.0	3.6	
DD-90.0/500	90.00	500		4	650	4*12000	210	4*2200		37.5	3.7	
DD-93.0/530	93.00	530		4	650	4*12000	210	4*2200		31.7	6.3	
DD-96.0/550	96.00	550		4	650	4*12000	210	4*2200		33.0	6.6	
DD-101.0/580	101.00	580		4	650	4*12000	210	4*2200		35.0	7.0	
DD-105.0/600	105.00	600		4	650	4*12000	210	4*2200		36.0	7.2	

Note :The tech .data is based on R22,T(r)=-18°C, △T=10°C.

Tech.data for DJ ceiling type low temperature evaporators

Model	Ref. capacity (kW)	Cooling Area (m2)	Spacing of Fins (mm)	Fan						Defrost heater		
				Qty	Diameter (mm)	Volume (m3/h)	Pressure (pa)	Fan motor (n*w)	Power supply	Coil (kW)	Water tray (kW)	Power supply
DJ-1.2/7	1.20	7	9	2	300	2*1850	98	2*90	220/380v 50hz 1Ph/3Ph	0.7	0.7	220V 50Hz 1Ph
DJ-1.32/10	1.32	10		2	300	2*1850	98	2*90		0.8	0.8	
DJ-2.3/15	2.30	15		2	350	2*2750	98	2*135		1.0	1.0	
DJ-4.0/20	4.00	20		2	400	2*3500	98	2*190		2.2	1.1	
DJ-5.1/30	5.10	30		2	400	2*3500	118	2*190	380v 50hz 3Ph	2.2	1.1	
DJ-7.8/40	7.80	40		2	500	2*6500	118	2*420		4.0	1.4	
DJ-9.5/55	9.50	55		2	500	2*6500	167	2*420		5.4	1.4	
DJ-12.8/70	12.80	70		3	500	3*6500	167	3*420		9.0	1.8	
DJ-15.7/85	15.70	85		3	500	3*6500	167	3*420		11.0	2.2	
DJ-18.5/100	18.50	100		4	500	4*6500	167	4*420		12.5	2.5	
DJ-21.6/115	21.60	115		4	500	4*6500	167	4*420		14.0	2.8	
DJ-23.8/140(A)	23.80	140		4	500	4*6500	167	4*420		17.3	2.8	
DJ-23.8/140(B)	23.80	140		2	600	2*10000	200	2*2200		14.4	1.8	
DJ-29.0/170(A)	29.00	170		4	550	4*7500	180	4*550		19.6	2.8	
DJ-29.0/170(B)	29.00	170		3	600	3*10000	200	3*2200		17.6	2.2	
DJ-35.9/210	35.90	210		3	600	3*10000	200	3*2200		20.8	2.6	
DJ-38.0/225	38.00	225		3	600	3*10000	200	3*2200		22.4	2.8	
DJ-39.8/235	39.80	235		3	650	3*12000	210	3*2200		26.0	2.6	
DJ-43.2/255	43.20	255		3	650	3*12000	210	3*2200		28.0	2.8	
DJ-47.6/280	47.60	280		4	600	4*10000	200	4*2200		27.2	3.4	
DJ-50.0/295	50.00	295		4	600	4*10000	200	4*2200		28.8	3.6	
DJ-52.7/310	52.70	310		4	650	4*12000	210	4*2200		34.0	3.4	
DJ-56.0/330	56.00	330		4	650	4*12000	210	4*2200		36.0	3.6	
DJ-58.5/345	58.50	345		4	650	4*12000	210	4*2200		37.5	3.7	
DJ-60.0/365	60.00	365		4	650	4*12000	210	4*2200		31.7	6.3	
DJ-63.0/380	63.00	380		4	650	4*12000	210	4*2200		33.0	6.6	
DJ-66.0/400	66.00	400		4	650	4*12000	210	4*2200		35.0	7.0	
DJ-68.0/415	68.00	415		4	650	4*12000	210	4*2200		36.0	7.2	

Note :The tech .data is based on R22,T(r)=-25℃, △T=10℃.
If any special application, please contact us.

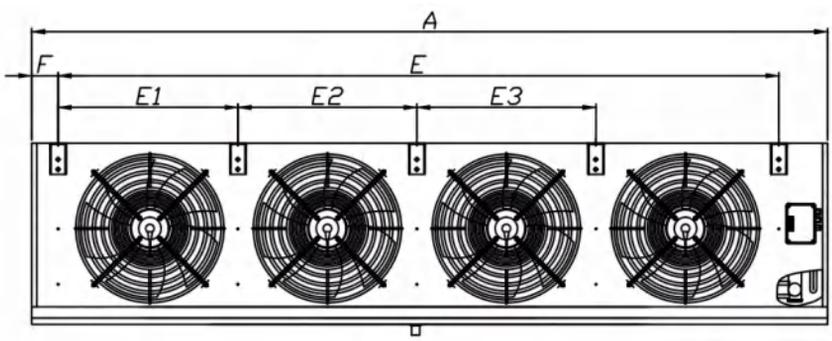
Working Conditions		
Temp.(cold room)	△T	Correction Factors
0℃	8K	0.8
-18℃	7K	0.72
-25℃	6K	0.61

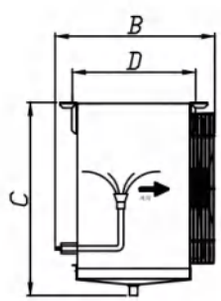
The overall and installation dimension for ceiling type evaporators

Model	A	B	C	D	E	E1	E2	E3	F	Inlet tube (mm)	Back trachea (mm)	Drainpipe (inch)
DL-2.1/10	730	390	460	280	530	/	/	/	85	16	16	G1"
DD-1.4/7												
DL-3.1/15	980	390	460	280	780	/	/	/				
DD-2.35/12												
DJ-1.2/7												
DL-4.2/20	1130	390	460	280	930	/	/	/				
DD-3.0/15												
DJ-1.32/10												
DL-5.2/25	1320	460	460	330	1080	/	/	/	105			
DD-4.0/22												
DJ-2.3/15												
DL-8.2/40	1520	490	560	360	1230	/	/	/		16	25	
DD-6.0/30												
DJ-4.0/20												
DL-11.5/55	1520	490	560	360	1230	/	/	/				
DD-8.0/40												
DJ-5.1/30												
DL-16.7/80	1820	570	660	460	1530	750	/	/		19	35	
DD-12.0/60												
DJ-7.8/40												
DL-22.0/105	1820	570	660	460	1530	750	/	/				
DD-15.9/80												
DJ-9.5/55												
DL-25.8/125	2300	570	660	460	2010	660	660	/			38	
DD-20.0/100												
DJ-12.8/70												
DL-35.6/160	2720	570	660	460	2430	800	800	/				
DD-24.0/120												
DJ-15.7/85												
DL-38.7/185	3120	570	660	460	2830	700	700	700		25	50	G1"1/2
DD-28.0/140												
DJ-18.5/100												
DL-44.0/210	3520	570	660	460	3230	800	800	800				
DD-32.1/160												
DJ-21.6/115												
DL-52.9/260(A)	3520	620	660	510	3230	800	800	800	90			
DD-37.4/200(A)												
DJ-23.8/140(A)												
DL-52.9/260(B)	2220	960	860	580	1950	950	/	/				
DD-37.4/200(B)												
DJ-23.8/140(B)												

The overall and installation dimension for ceiling type evaporators

Model	A	B	C	D	E	E1	E2	E3	F	Inlet tube (mm)	Back trachea (mm)	Drainpipe (inch)
DL-67.2/330(A)	3440	620	860	510	3150	780	780	780	90	25	50	G1"1/2
DD-46.8/250(A)												
DJ-29.0/170(A)												
DL-67.2/330(B)	2720	960	860	580	2450	800	800	/				
DD-46.8/250(B)												
DJ-29.0/170(B)												
DL-83.4/410	3200	960	860	580	2930	960	960	/				
DD-56.2/310												
DJ-35.9/210												
DL-86.0/440	3410	1050	910	640	3140	1030	1030	/				
DD-59.4/330												
DJ-38.0/225												
DL-91.0/460	3200	1050	1010	640	2930	960	960	/			54	
DD-64.7/350												
DJ-39.8/235												
DL-97.5/500	3470	1050	1010	640	3200	1050	1050	/				
DD-68.4/380												
DJ-43.2/255												
DL-105.0/540	4120	1050	910	640	3850	950	950	950		2-25	2-50	
DD-72.0/400												
DJ-47.6/280												
DL-111.0/570	4320	1050	910	640	4050	1000	1000	1000				
DD-76.5/425												
DJ-50.0/295												
DL-117.0/600	4120	1050	1010	640	3850	950	950	950				
DD-81.0/450												
DJ-52.7/310												
DL-125.0/640	4320	1050	1010	640	4050	1000	1000	1000				
DD-86.5/480												
DJ-56.0/330												
DL-129.0/665	4480	1050	1010	640	4210	1040	1040	1040				
DD-90.0/500												
DJ-58.5/345												
DL-133.0/700	3840	1150	1010	740	3570	880	880	880				
DD-93.0/530												
DJ-60.0/365												
DL-140.0/735	4000	1150	1010	740	3730	920	920	920				
DD-96.0/550												
DJ-63.0/380												
DL-147.0/775	4200	1150	1010	740	3930	970	970	970				
DD-101.0/580												
DJ-66.0/400												
DL-152.0/800	4320	1150	1010	740	4050	1000	1000	1000				
DD-105.0/600												
DJ-68.0/415												





Water Defrost Evaporators

Water defrost evaporator is a kind of cooling equipment used in those cold storage rooms where electrical defrosting is not applicable or quick defrosting is required. According to applicable temperature, there are 3 types including DL、 DD、 DJ, which are applicable to about 0°C、-18°C and-25°C cold storage rooms respectively.

The features as follows:

- The evaporator with reasonable structure, uniform frosting and high efficiency heat exchange;
- Water defrosting makes the defrosting quicker than electrical defrosting;
- The installation region needs to close to the water source.

The main tech.data for DD type water defrost evaporators

Model	Ref.capacity (kW)	Cooling Area (m2)	Spacing of Fins (mm)	Fan						Defrost Water		
				Qty	Diameter (mm)	Volume (m3/h)	Pressure (pa)	Fan motor (n*w)	Power supply	Water volume (T/h)	Water inlet (inch)	Water outlet (inch)
DD-12.0/60	12.0	60	6	2	500	2*6500	167	2*420	380v 50hz 3Ph	2.0	G1 1/2	G2 1/2
DD-15.9/80	15.9	80		2	500	2*6500	167	2*420		2.7		
DD-20.0/100	20.0	100		3	500	3*6500	167	3*420		3.2		
DD-24.0/120	24.0	120		3	500	3*6500	167	3*420		3.9		
DD-28.0/140	28.0	140		4	500	4*6500	167	4*420		4.5	G2	G3
DD-32.1/160	32.1	160		4	500	4*6500	167	4*420		5.0		
DD-37.4/200(A)	37.4	200		4	500	4*6500	167	4*420		6.3		
DD-37.4/200(B)	37.4	200		2	600	2*10000	200	2*1500		6.3		
DD-46.8/250(A)	46.8	250		4	550	4*7500	180	4*550		7.5		G4
DD-46.8/250(B)	46.8	250		3	600	3*10000	200	3*1500		7.5		
DD-56.2/310	56.2	310		3	600	3*10000	200	3*1500		9.3		
DD-59.4/330	59.4	330		3	600	3*10000	200	3*1500		9.9		
DD-64.7/350	64.7	350		3	650	3*12000	210	3*2200		10.5		
DD-68.4/380	68.4	380		3	650	3*12000	210	3*2200		11.4		
DD-72.0/400	72.0	400		4	600	4*10000	200	4*1500		12.0	2-G2	
DD-76.5/425	76.5	425		4	600	4*10000	200	4*1500		12.8		
DD-81.0/450	81.0	450		4	650	4*12000	210	4*2200		13.5		
DD-86.5/480	86.5	480		4	650	4*12000	210	4*2200		14.4		
DD-90.0/500	90.0	500		4	650	4*12000	210	4*2200		15.0		2-G4
DD-93.0/530	93.0	530		4	650	4*12000	210	4*2200		15.4		
DD-96.0/550	96.0	550		4	650	4*12000	210	4*2200		16.0		
DD-101.0/580	101.0	580		4	650	4*12000	210	4*2200		16.8		
DD-105.0/600	105.0	600		4	650	4*12000	210	4*2200		17.4		

Note :The tech .data is based on R22,T(r)=-18℃, △T=10℃.

The main tech.data for DJ type water defrost evaporators

Model	Ref. capacity (kW)	Cooling Area (m2)	Spacing of Fins (mm)	Fan						Defrost Water		
				Qty	Diameter (mm)	Volume (m3/h)	Pressure (pa)	Fan motor (n*w)	Power supply	Water volume (T/h)	Water inlet (inch)	Water outlet (inch)
DJ-7.8/40	7.8	40	9	2	500	2*6500	167	2*420	380v 50hz 3Ph	2.0	G1 1/2	G2 1/2
DJ-9.7/55	9.8	55		2	500	2*6500	167	2*420		2.7		
DJ-12.8/70	12.8	70		3	500	3*6500	167	3*420		3.2		
DJ-15.7/85	15.7	85		3	500	3*6500	167	3*420		3.9		
DJ-18.8/100	18.8	100		4	500	4*6500	167	4*420		4.5	G2	G3
DJ-21.6/115	21.6	115		4	500	4*6500	167	4*420		5.0		
DJ-23.9/140(A)	23.9	140		4	500	4*6500	167	4*420		6.3		
DJ-23.9/140(B)	23.9	140		2	600	2*10000	200	2*2200		6.3		
DJ-29.0/170(A)	29.0	170		4	550	4*7500	180	4*550		7.5		G4
DJ-29.0/170(B)	29.0	170		3	600	3*10000	200	3*2200		7.5		
DJ-35.9/210	35.9	210		3	600	3*10000	200	3*2200		9.3		
DJ-38.0/225	38.0	225		3	600	3*10000	200	3*2200		9.9		
DJ-39.8/235	39.8	235		3	650	3*12000	210	3*2200		10.5		
DJ-43.2/255	43.2	255		3	650	3*12000	210	3*2200		11.4		
DJ-47.6/280	47.6	280		4	600	4*10000	200	4*2200		12.0	2-G2	
DJ-50.0/295	50.0	295		4	600	4*10000	200	4*2200		12.8		
DJ-52.7/310	52.7	310		4	650	4*12000	210	4*2200		13.5		
DJ-56.0/330	56.0	330		4	650	4*12000	210	4*2200		14.4		
DJ-58.5/345	58.5	345		4	650	4*12000	210	4*2200		15.0		2-G4
DJ-60.0/365	60.0	365		4	650	4*12000	210	4*2200		15.4		
DJ-63.0/380	63.0	380		4	650	4*12000	210	4*2200		16.0		
DJ-66.0/400	66.0	400		4	650	4*12000	210	4*2200		16.8		
DJ-68.0/410	68.0	410		4	650	4*12000	210	4*2200		17.4		

Note :The tech .data is based on R22,T(r)=-25℃, △T=10℃.

Working Conditions		
Temp.(cold room)	△T	Correction Factors
0°C	8K	0.8
-18°C	7K	0.72
-25°C	6K	0.61

If any special application, please contact us.

The overall and installation dimension for ceiling type evaporators

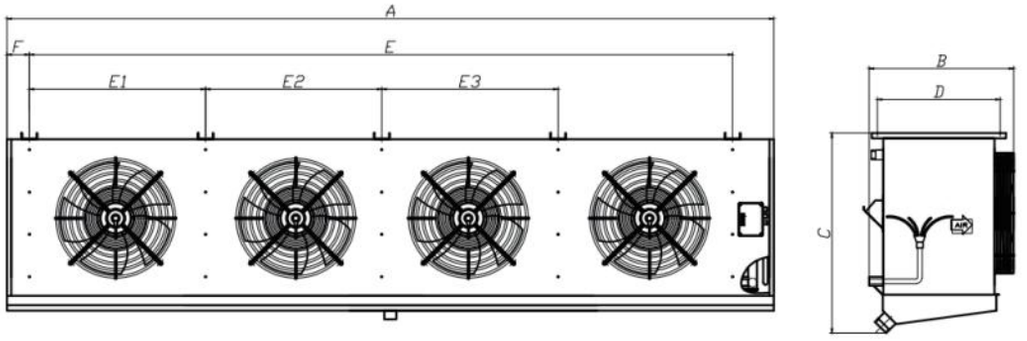
Model	A	B	C	D	E	E1	E2	E3	F	Inlet tube (mm)	Back trachea (mm)	Water inlet (inch)	Drainpipe (inch)
DD-12.0/60	1820	650	850	510	1530	750	/	/	105	19	35	G1 1/2	G2 1/2
DJ-7.8/40													
DD-15.9/80	1820	700	850	560	1530	750	/	/					
DJ-9.7/55													
DD-20.0/100	2300	700	850	560	2010	660	660	/			38		
DJ-12.8/70													
DD-24.0/120	2720	700	850	560	2430	800	800	/					
DJ-15.7/85													
DD-28.0/140	3120	700	860	560	2830	700	700	700		25	50	G2	G3
DJ-18.8/100													
DD-32.1/160	3520	700	860	560	3230	800	800	800					
DJ-21.6/115													
DL-52.5/260(A)	3520	780	880	640	3230	800	800	800					
DD-37.4/200(A)													
DJ-23.9/140(A)													
DD-37.4/200(B)	2220	1140	1130	740	1950	950	/	/	95				
DJ-23.9/140(B)													
DL-67.2/330(A)	3440	780	1120	640	3150	780	780	780	105				G4
DD-46.8/250(A)													
DJ-29.0/170(A)													
DD-46.8/250(B)	2720	1140	1130	740	2450	800	800	/	95				
DJ-29.0/170(B)													
DD-56.2/310	3200	1140	1130	740	2930	960	960	/					
DJ-35.9/210													
DL-86.0/440	3410	1150	1120	740	3140	1030	1030	/					
DD-59.4/330													
DJ-38.0/225													
DL-91.0/460	3200	1150	1220	740	2930	960	960	/			54		
DD-64.7/350													
DJ-39.8/235													
DL-97.5/500	3470	1150	1220	740	3200	1050	1050	/					
DD-68.4/380													
DJ-43.2/255													
DL-105.0/540	4120	1150	1120	740	3850	950	950	950		2-25	2-50	2-G2	
DD-72.0/400													
DJ-47.6/280													
DL-111.0/570	4320	1150	1120	740	4050	1000	1000	1000					
DD-76.5/425													
DJ-50.0/295													

If any special application, please contact us.

The installation dimensions for water defrost evaporators

Model	A	B	C	D	E	E1	E2	E3	F	Inlet tube (mm)	Back trachea (mm)	Water inlet (inch)	Drainpipe (inch)
DL-117.0/600	4120	1150	1220	740	3850	950	950	950	95	2-25	2-50	2-G2	G4
DD-81.0/450													
DJ-52.7/310													
DL-125.0/665	4320	1150	1220	740	4050	1000	1000	1000					
DD-86.5/480													
DJ-56.0/330													
DL-129.0/665	4480	1150	1220	740	4210	1040	1040	1040					2-G4
DD-90.0/500													
DJ-58.5/345													
DL-133.0/700	3840	1250	1220	840	3570	880	880	880					
DD-93.0/530													
DJ-60.0/365													
DL-140.0/775	4000	1250	1220	840	3730	920	920	920					
DD-96.0/550													
DJ-63.0/380													
DL-147.0/775	4200	1250	1220	840	3930	970	970	970					
DD-101.0/580													
DJ-66.0/400													
DL-152.0/800	4320	1250	1220	840	4050	1000	1000	1000					
DD-105.0/600													
DJ-68.0/410													

If any special application, please contact us.



Angled Evaporators

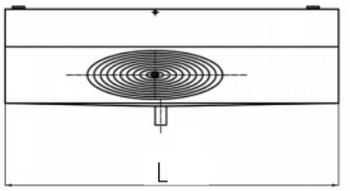
Angled evaporators are widely used for small cold rooms, specially for cold storage, room temperature between +10°C and -18°C. Compact design and light body is very suitable for small space installation. Soft air blowing helps to save the water loss of vegetables and fruits.

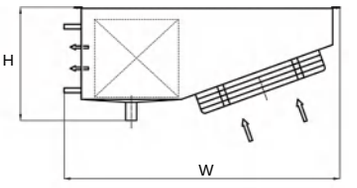
The features as follows:

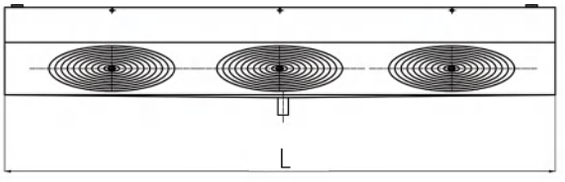
- With compact design and make sure the whole unit with resonable structure;
- Fitted with shade pole motor, the unit working quietly;
- Good solution for cold storage.

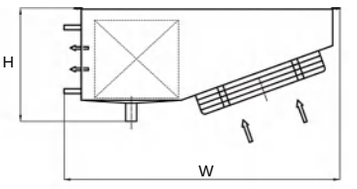
Tech.data for Angled Evaporators

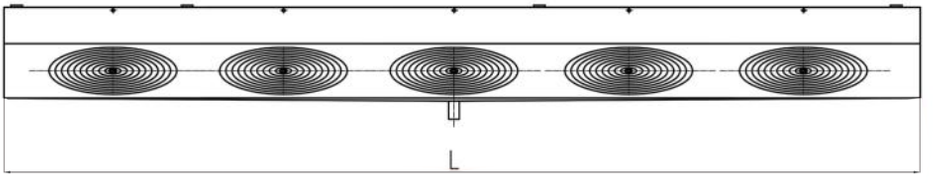
Model	Ref. capacity (kw)	Cooling area (㎡)	Spacing of fins (mm)	Fan					Defrost heater (kw)	Overall dimension (mm)		
				Qty	Diameter (mm)	Volume (m³/h)	Fan motor (n*w)	Power supply		L	W	H
DE-0.45/2.5	0.45	2.5	4	1	200	400	40	220v 50hz 1ph	0.35	430	500	180
DE-0.9/5	0.9	5		2	200	800	2*40		0.6	730	500	180
DE-1.35/7.5	1.35	7.5		3	200	1200	3*40		0.9	1030	500	180
DE-1.8/10	1.8	10		4	200	1600	4*40		1.2	1330	500	180
DE-2.2/12.5	2.2	12.5		5	200	2000	5*40		1.5	1630	500	180
DE-0.45/2.5	0.45	2.5	6	1	200	400	40		0.35	430	500	230
DE-0.9/5	0.9	5		2	200	800	2*40		0.6	730	500	230
DE-1.35/7.5	1.35	7.5		3	200	1200	3*40		0.9	1030	500	230
DE-1.8/10	1.8	10		4	200	1600	4*40		1.2	1330	500	230
DE-2.2/12.5	2.2	12.5		5	200	2000	5*40		1.5	1630	500	230

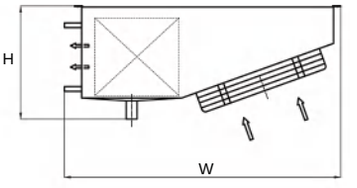












Double - Side Discharge Evaporators

SE series ceiling type double side discharge evaporator is most suitable for food processing room.They are of reasonable structure, less posting, low noise and extremely high efficiency heat exchange.

The features as follows:

- The evaporator with reasonable structure, uniform frosting and high efficiency heat exchange;
- Assembled with axial fan motor, double side wind blown type with soft blowing low noise;
- With U-shaped stainless defrost heater evenly arranged inside of fins, make sure excellent performance on defrosting;
- If customized products are needed, please contact us.

Tech. data for SEDL type double side discharge evaporators

Model	Ref.capacity (kW)	Cooling Area (m2)	Spacing of Fins (mm)	Fan						Defrost heater	
				Qty	Diameter (mm)	Volume (m3/h)	Pressure (pa)	Fan motor (n*w)	Power supply	Power (kw)	Power supply
SEDL-20	4.2	20.0	4.5	2	300	2*1850	82	2*90	220/380v 50hz 1Ph/3Ph	2.7	220V 50Hz 1Ph
SEDL-30	6.2	30.0		2	300	2*1850	82	2*90		2.8	
SEDL-40	8.3	40.0		2	350	2*2750	98	2*135		3.5	
SEDL-55	11.5	55.0		3	350	3*2750	98	3*135		4.8	
SEDL-80	16.5	80.0		3	350	3*2750	98	3*135		8.1	
SEDL-105	22.2	105.0		3	400	3*3500	118	3*190		9.5	
SEDL-130	27.8	130.0		4	400	4*3500	118	4*190		11.5	
SEDL-160	33.6	160.0		4	450	4*4800	147	4*250		13.8	

Note :The tech .data is based on R22,T(r)=0°C, △T=10°C.

Tech. data for SEDD type double side discharge evaporators

Model	Ref.capacity (kW)	Cooling Area (m2)	Spacing of Fins (mm)	Fan						Defrost heater	
				Qty	Diameter (mm)	Volume (m3/h)	Pressure (pa)	Fan motor (n*w)	Power supply	Power (kw)	Power supply
SEDD-15	2.8	15.0	6	2	300	2*1850	82	2*90	220/380v 50hz 1Ph/3Ph	2.7	220V 50Hz 1Ph
SEDD-22	4.1	22.0		2	300	2*1850	82	2*90		2.8	
SEDD-30	5.6	30.0		2	350	2*2750	98	2*135		3.5	
SEDD-40	7.4	40.0		3	350	3*2750	98	3*135		4.8	
SEDD-60	11.2	60.0		3	350	3*2750	98	3*135		8.1	
SEDD-80	14.2	80.0		3	400	3*3500	118	3*190		9.5	
SEDD-100	18.6	100.0		4	400	4*3500	118	4*190		11.5	
SEDD-120	22.2	120.0		4	450	4*4800	147	4*250		13.8	

Note :The tech .data is based on R22,T(r)=-18°C, △T=10°C.

Tech. data for SEDJ type double side discharge evaporators

Model	Ref.capacity (kW)	Cooling Area (m2)	Spacing of Fins (mm)	Fan						Defrost heater	
				Qty	Diameter (mm)	Volume (m3/h)	Pressure (pa)	Fan motor (n*w)	Power supply	Power (kw)	Power supply
SEDJ-10	1.5	10.0	9	2	300	2*1850	82	2*90	220/380v 50hz 1Ph/3Ph	2.7	220V 50Hz 1Ph
SEDJ-15	2.3	15.0		2	300	2*1850	82	2*90		2.8	
SEDJ-20	3.2	20.0		2	350	2*2750	98	2*135		3.5	
SEDJ-30	4.6	30.0		3	350	3*2750	98	3*135		4.8	
SEDJ-40	6.3	40.0		3	350	3*2750	98	3*135		8.1	
SEDJ-55	8.8	55.0		3	400	3*3500	118	3*190		9.5	
SEDJ-70	11.5	70.0		4	400	4*3500	118	4*190		11.5	
SEDJ-85	14.4	85.0		4	450	4*4800	147	4*250		13.8	

Note :The tech .data is based on R22,T(r)=-25°C, △T=10°C.

Working Conditions		
Temp.(cold room)	△T	Correction Factors
0°C	8K	0.8
-18°C	7K	0.72
-25°C	6K	0.61

The overall and installation dimension for double side discharge evaporators

Model	A	B	C	D	E	E1	E2	E3	F	Inlet tube (mm)	Back trachea (mm)	Drainpipe (inch)
SEDL-20	1010	680	390	730	780	/	/	/	115	16	22	2-G1
SEDD-15												
SEDJ-10												
SEDL-30	1040	680	490	730	810	/	/	/				
SEDD-22												
SEDJ-15												
SEDL-40	1210	750	380	800	980	/	/	/				
SEDD-30												
SEDJ-20												
SEDL-55	1580	750	380	800	1350	/	/	/			25	
SEDD-40												
SEDJ-30												
SEDL-80	1760	780	480	830	1530	/	/	/		19	28	
SEDD-60												
SEDJ-40												
SEDL-105	2240	800	490	850	2010	660	660	/				
SEDD-80												
SEDJ-55												
SEDL-130	2700	800	490	850	2430	600	600	600	95		35	
SEDD-100												
SEDJ-70												
SEDL-160	3180	850	490	900	2910	720	720	720			42	
SEDD-120												
SEDJ-85