



# Tianjin First Cold Chain Equipment Co., Ltd

## Technical Parameters of Low-temperature Standard Air-cooler(suspended-ceiling type)

Model	Cooling capacity	Cooling area	Conduit volume	Refrigerant inlet / outlet pipe	Fan parameters						Electric melting frost	
	Temperature				Air volume	Unit	Fan $\phi$	Voltage	Power	Range	Melting frost power	Water pans power
	-25°C $\Delta t=10^\circ\text{C}$											
	W	m <sup>2</sup>	L	mm	M <sup>3</sup> /H	n	mm	v	w	m	w	w
9.0mm Low-temperature fin space 9.0mm												
DJ-1.2/8	1240	8	1.8	$\Phi 12/\Phi 14$	3126	2	300	380/220	2×75	8	900	900
DJ-1.9/12	1860	12	2.7	$\Phi 12/\Phi 16$	3126	2	300	380/220	2×75	8	1800	900
DJ-2.3/15	2325	15	3.5	$\Phi 12/\Phi 16$	4689	3	300	380/220	3×75	8	2400	1200
DJ-3.1/20	3100	20	5.8	$\Phi 16/\Phi 25$	6800	2	400	380/220	2×180	10	2000	1000
DJ-4.7/30	4650	30	7.6	$\Phi 16/\Phi 25$	6800	2	400	380/220	2×180	10	2400	1200
DJ-6.2/40	6200	40	10.1	$\Phi 19/\Phi 32$	12000	2	500	380	2×550	15	4200	1400
DJ-8.5/55	8525	55	13.5	$\Phi 19/\Phi 32$	12000	2	500	380	2×550	15	7000	1400
DJ-11/70	10850	70	17.3	$\Phi 19/\Phi 38$	18000	3	500	380	3×550	15	8000	1600
DJ-13/85	13175	85	19.6	$\Phi 19/\Phi 38$	18000	3	500	380	3×550	15	8500	1700
DJ-16/100	15500	100	22.7	$\Phi 25/\Phi 42$	24000	4	500	380	4×550	15	10000	2000
DJ-18/115	17825	115	25.8	$\Phi 25/\Phi 42$	24000	4	500	380	4×550	15	11000	2200
DJ-22/140	21700	140	32.2	$\Phi 25/\Phi 50$	24000	4	500	380	4×550	15	11000	2200
DJ-26/170	26350	170	41.9	$\Phi 25/\Phi 50$	32000	4	550	380	4×550	15	17600	2200
DJ-33/210	32550	210	51.6	$\Phi 25/\Phi 50$	36000	4	600	380	4×750	17	17600	2200
DJ-39/250	38750	250	62.2	$\Phi 25/\Phi 54$	36000	3	700	380	3×1500	17	20000	2000
DJ-47/300	46500	300	72.8	$\Phi 28/\Phi 54$	36000	3	700	380	3×1500	17	22000	2200



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## Technical Parameters of Medium-temperature Standard Air-cooler(suspended-ceiling type)

Model	Cooling capacity	Cooling area	Conduit volume	Refrigerant inlet / outlet pipe	Fan parameters						Electric melting frost	
	Temperature-18°C Δ t=10°C				Air volume	Unit	Fan φ	Voltage	Power	Range	Melting frost power	Water pans power
	W				M <sup>3</sup> /H	n	mm	v	w	m	w	w
Medium-temperature fin space6.0mm												
DD-1.2/7	1225	7	1.4	Φ12/Φ14	1563	1	300	380/220	75	8	900	500
DD-2.1/12	2100	12	1.8	Φ12/Φ14	3126	2	300	380/220	2×75	8	900	900
DD-2.6/15	2625	15	2.7	Φ12/Φ16	3126	2	300	380/220	2×75	8	1800	900
DD-3.9/22	3850	22	3.5	Φ12/Φ16	4689	3	300	380/220	3×75	8	2400	1200
DD-5.3/30	5250	30	5.8	Φ16/Φ25	6800	2	400	380/220	2×180	10	2000	1000
DD-7.0/40	7000	40	7.6	Φ16/Φ25	6800	2	400	380/220	2×180	10	2400	1200
DD-11/60	10500	60	10.1	Φ19/Φ32	12000	2	500	380	2×550	15	42000	1400
DD-14/80	14000	80	13.5	Φ19/Φ32	12000	2	500	380	2×550	15	7000	1400
DD-18/100	17500	100	17.3	Φ19/Φ38	18000	3	500	380	3×550	15	8000	1600
DD-21/120	21000	120	19.6	Φ19/Φ38	18000	3	500	380	3×550	15	8500	1700
DD-25/140	24500	140	22.7	Φ25/Φ42	24000	4	500	380	4×550	15	10000	2000
DD-28/160	28000	160	25.8	Φ25/Φ42	24000	4	500	380	4×550	15	11000	2200
DD-35/200	35000	200	32.2	Φ25/Φ50	24000	4	500	380	4×550	15	11000	2200
DD-44/250	43750	250	41.9	Φ25/Φ50	32000	4	550	380	4×550	15	17600	2000
DD-54/310	54250	310	51.6	Φ25/Φ50	36000	4	600	380	4×750	17	17600	2200
DD-63/360	63000	360	62.2	Φ25/Φ54	36000	3	700	380	3×1500	17	20000	2000
DD-77/440	77000	440	72.8	Φ28/Φ54	36000	3	700	380	3×1500	17	22000	2200



## Tianjin First Cold Chain Equipment Co., Ltd

**Technical Parameters of High-temperature Standard Air-cooler(suspended-ceiling type)**

Model	Cooling capacity	Cooling area	Conduit volume	Refrigerant inlet / outlet pipe	Fan parameters						Electric melting frost	
	Temperature -18℃ Δ t=10℃				Air volume	Unit	Fan φ	Voltage	Power	Range	Melting frost power	Water pans power
	W				M <sup>3</sup> /H	n	mm	v	w	m	w	w
High-temperature fin space4.5mm												
DL-2/10	2000	10	1.4	Φ12/Φ14	1566	1	300	380/220	75	8	500	500
DL-3/15	3000	15	1.8	Φ12/Φ14	3126	2	300	380/220	2×75	8	900	900
DL-4.3/20	4260	20	2.7	Φ12/Φ16	3126	2	300	380/220	2×75	8	900	900
DL-5.3/25	5325	25	3.5	Φ12/Φ16	4689	3	300	380/220	3×75	8	1200	1000
DL-8.4/40	8400	40	5.8	Φ16/Φ25	6800	2	400	380/220	2×180	10	1000	1000
DL-12/55	11550	55	7.6	Φ16/Φ25	6800	2	400	380/220	2×180	10	1200	1200
DL-17/80	16800	80	10.1	Φ19/Φ32	12000	2	500	380	2×550	15	28000	1400
DL-23/105	23200	105	13.5	Φ19/Φ32	12000	2	500	380	2×550	15	4200	1400
DL-28/125	27600	125	17.3	Φ19/Φ38	18000	3	500	380	3×550	15	4800	1600
DL-35/160	34640	160	19.6	Φ19/Φ38	18000	3	500	380	3×550	15	5100	1700
DL-40/185	40320	185	22.7	Φ25/Φ42	24000	4	500	380	4×550	15	6000	2000
DL-46/210	46080	210	25.8	Φ25/Φ42	24000	4	500	380	4×550	15	6600	2200
DL-52/260	52000	260	32.2	Φ25/Φ50	24000	4	500	380	4×550	15	6600	2200
DL-66/330	66000	330	41.9	Φ25/Φ50	32000	4	550	380	4×550	15	11000	2200
DL-82/410	82000	410	51.6	Φ25/Φ50	36000	4	600	380	4×750	17	11000	2200
DL-94/470	94000	470	62.2	Φ25/Φ54	36000	3	700	380	3×1500	17	16000	2000
DL-116/580	116000	580	72.8	Φ28/Φ54	36000	3	700	380	3×1500	17	17600	2200



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