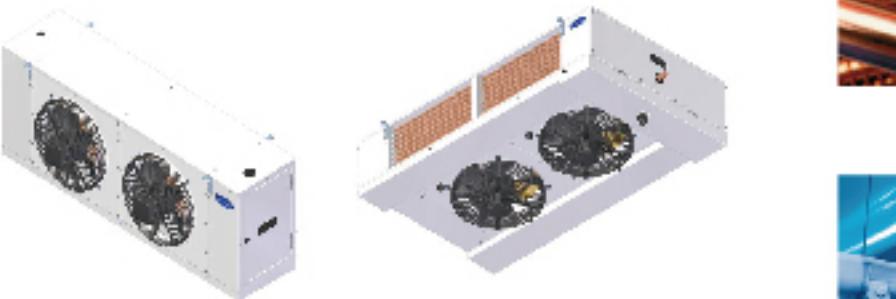


Air Cooler

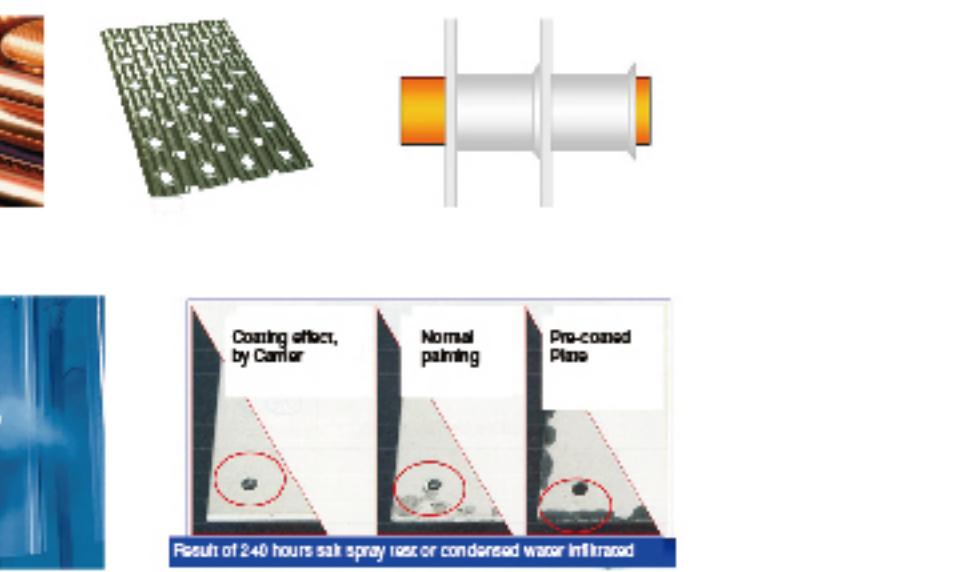
Adventer Series



SOLO (Cooling capacity 1.44-15.69kW) **DUO** (Cooling capacity 1.6-20.67kW)

Customer Value

- Available for regular refrigerants and numerous models for more application
- High energy efficiency, low operation cost, safe & reliable
- Long range and equal food temperature in all zones
- High efficiency defrost, quick cooling effect, small fluctuation temperature for food preservation
- Anti-corrosion and long service life
- Energy saving 5%-10%*



Coating treatment of external surface

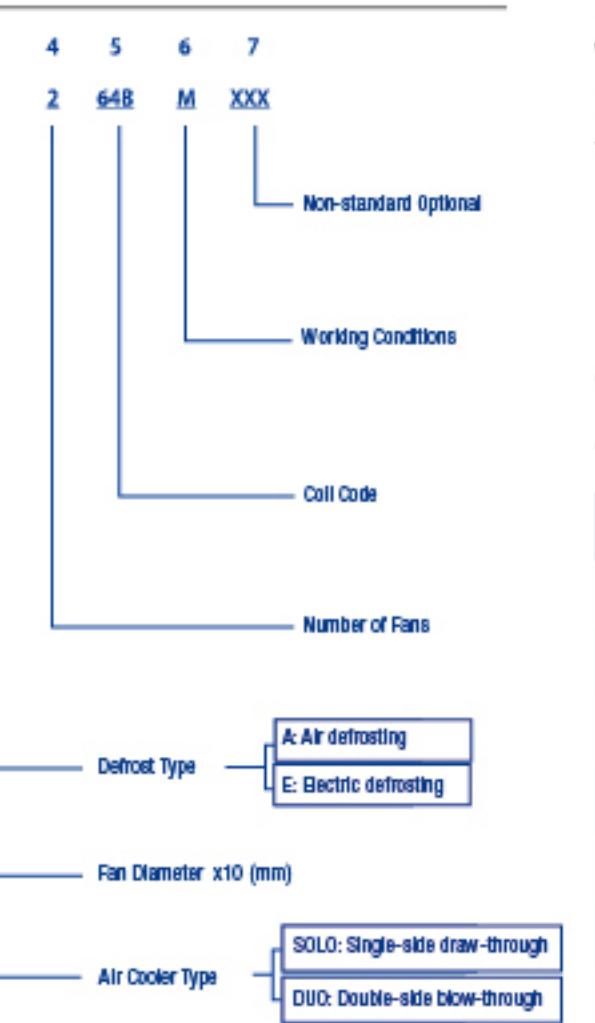
Result of salt spray test

Product Features

- Inner grooved tube and corrugated fins for larger heat exchange area and higher heat exchange efficiency
- Fine flanged fins, fixed and stable
- High efficiency defrosting, longer intervals and short defrosting time
- After high pressure powder spray double coatings, the fins are corrosion proof and easy to clean
- Less vapor generation during defrosting and easy to maintain and replace defrosting heating tubes
- Metal plate parts are all coated for corrosion resistance and the coating materials meet food hygiene requirements

* In comparison with the single-outlet air coolers of the same series provided by competitors

Naming Rule of Air Cooler



*Range value description: Range is effective at ambient temperature 20°C, mounted on the ceiling.

Note: After air cooler is installed in the field, the actual range value may be different from that stated in the table for the following reasons: shape of the warehouse, load of the warehouse, installation of the air coolers, frosting inside the air cooler in operation and temperature difference at the inlet and outlet of the air coolers.

Noise data in the table are measured 1m from the fan axis in accordance with the EN13487 Test Standard. In actual application, the values may be lower due to measurement distance.

Table of Non-standard and Optional Parts

Item	Non-standard Parts, Optional Parts and Special Standard Parts	SOLO 30/35	DUO 30/35
1	Natural defrosting	Standard	Standard
2	Electric defrosting	Standard	Standard
3	Double-layer drain pan	Standard	Standard
4	Side door hinge (easy to maintain)	Standard	Standard
5	Coil protective coating	Non-standard	Non-standard
6	Axcool fan	Non-standard	\
7	Axcool fan + Streamer	Non-standard	\

Models of SOLO



SOLO 30/35 1M



SOLO 30/35 2M

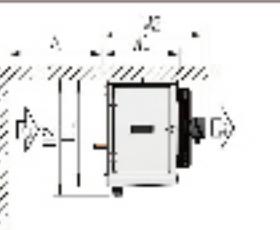
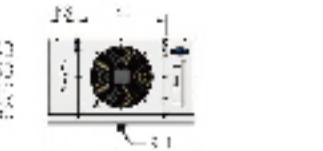
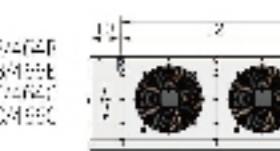


SOLO 30/35 3M



SOLO 30/35 4M

Dimensions of SOLO

SOLO 30 1440-1340
1160-1850
SOLO 35 1440-1540
1400-1900SOLO 30 1440-1340
1160-1850
SOLO 35 1440-1540
1400-1900SOLO 30 1440-1340
1160-1850
SOLO 35 1440-1540
1400-1900SOLO 30 1440-1340
1160-1850
SOLO 35 1440-1540
1400-1900SOLO 30 1440-1340
1160-1850
SOLO 35 1440-1540
1400-1900

Performance Parameters (SOLO 30)

Model SOLO	Type SOLO	Cooling Capacity SOLO R404A		Connection		Fan 50 Hz															
		SC2	SC3																		
		HP/Min	HP/Min	HP/Min	HP/Min	HP/Min	HP/Min														
SOLO 30/35 1M	30/35	30	1	4	4	B	2.15	1.6	2	7.1	1421	6	57	1/2"	59"	1/2"	59"	1363	65	0.38	230V-1
SOLO 30/35 2M	30/35	30	1	6	4	B	2.67	1.99	3	10.6	1324	5	57	1/2"	59"	1/2"	59"	1367	64	0.38	230V-1
SOLO 30/35 3M	30/35	30	1	4	6	B	1.88	1.44	2	5.1	1400	7	57	1/2"	59"	1/2"	59"	1361	66	0.38	230V-1
SOLO 30/35 4M	30/35	30	1	6	6	B	2.4	1.88	3	7.9	1366	6	57	1/2"	59"	1/2"	59"	1361	66	0.38	230V-1
SOLO 30/35 1M	30/35	30	2	4	4	B	4.56	3.46	9	14.7	2842	8	60	1/2"	59"	1/2"	59"	1363	130	0.57	230V-1
SOLO 30/35 2M	30/35	30	2	6	4	B	5.21	4.12	5.8	22.1	2647	7	60	1/2"	78"	1/2"	78"	1369	137	0.58	230V-1
SOLO 30/35 3M	30/35	30	2	4	6	B	3.85	3.04	3.9	11	2079	9	60	1/2"	59"	1/2"	59"	1367	129	0.57	230V-1
SOLO 30/35 4M	30/35	30	2	6	6	B	4.03	3.87	5.8	16.5	3731	8	60	1/2"	59"	1/2"	59"	1361	132	0.58	230V-1
SOLO 30/35 1M	30/35	30	3	4	4	B	1.87	1.51	5.8	22.3	4263	9	62	1/2"	78"	1/2"	78"	1363	106	0.66	230V-1
SOLO 30/35 2M	30/35	30	3	6	4	B	7.84	6.01	6.6	33.5	3071	8	62	1/2"	78"	1/2"	78"	1361	118	0.66	230V-1
SOLO 30/35 3M	30/35	30	3	4	6	B	5.92	4.63	5.8	16.7	4469	10	62	1/2"	78"	1/2"	78"	1367	103	0.66	230V-1
SOLO 30/35 4M	30/35	30	3	6	6	B	7.22	5.68	8.6	25.1	4007	9	62	1/2"	78"	1/2"	78"	1361	108	0.67	230V-1
SOLO 30/35 1M	30/35	30	4	4	4	B	8.92	6.59	7.6	30	5994	9	63	1/2"	78"	1/2"	78"	1363	261	1.15	230V-1
SOLO 30/35 2M	30/35	30	4	6	4	B	10.78	8.12	11.4	44.0	5205	8	63	1/2"	78"	1/2"	78"	1369	274	1.17	230V-1
SOLO 30/35 3M	30/35	30	4	6	6	B	7.76	5.94	7.6	22.4	5959	10	63	1/2"	78"	1/2"	78"	1367	257	1.14	230V-1
SOLO 30/35 4M	30/35	30	4	6	6	B	9.72	7.7	11.4	33.6	5462	9	63	1/2"	78"	1/2"	78"	1361	264	1.15	230V-1

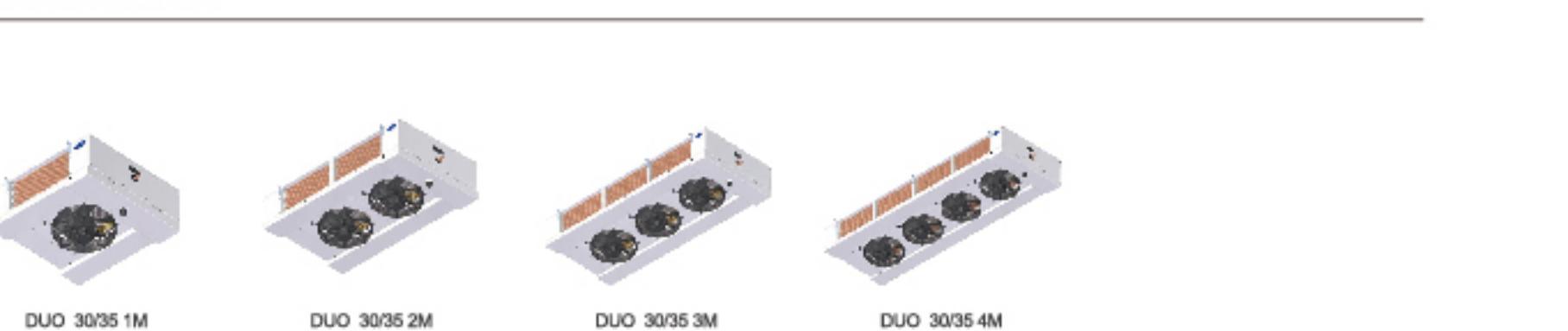
Model	External Dimension								Electric Defrosting		Weight kg		
	230V - 1								Col1	Water Pan			
	L	W1	W2	H1	H2	E1	E2	E3	A	Col1	Total		
SOLO 30 1448	700	340	480	470	510	485	-	105	420	750	300	1.05	27
SOLO 30 1648	700	340	480	470	510	485	-	105	420	750	300	1.05	30
SOLO 30 1468	700	340	480	470	510	485	-	105	420	750	300	1.05	27
SOLO 30 1668	700	340	480	470	510	485	-	105	420	750	300	1.05	29
SOLO 30 2448	1285	340	480	470	510	950	-	105	420	2100	500	2.8	44
SOLO 30 2648	1285	340	480	470	510	950	-	105	420	2100	500	2.8	50
SOLO 30 2468	1285	340	480	470	510	950	-	105	420	2100	500	2.8	43
SOLO 30 2668	1285	340	480	470	510	950	-	105	420	2100	500	2.8	48
SOLO 30 3448	1730	340	480	470	510	1420	470	105	420	2800	700	3.85	65
SOLO 30 3648	1730	340	480	470	510	1420	470	105	420	2800	700	3.85	73
SOLO 30 3468	1730	340	480	470	510	1420	470	105	420	2800	700	3.85	63
SOLO 30 3668	1730	340	480	470	510	1420	470	105	420	2800	700	3.85	60
SOLO 30 4448	2105	340	480	470	510	1885	935	105	420	3600	900	4.5	92
SOLO 30 4648	2105	340	480	470	510	1885	935	105	420	3600	900	4.5	103
SOLO 30 4468	2105	340	480	470	510	1885	935	105	420	3600	900	4.5	89
SOLO 30 4668	2105	340	480	470	510	1885	935	105	420	3600	900	4.5	98

Performance Parameters (SOLO 35)

Model SOLO	Cooling Capacity SOLO R404A		Connection		Fan 50 Hz	
SC2	SC3					
Type SOLO	HP/Min	HP/Min	HP/Min	HP/Min	HP/Min	

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Models of DUO



Dimensions of DUO

Model	External Dimension								Electric Defrosting		Weight kg	
	L mm	W1 mm	W2 mm	H1 mm	H2 mm	E1 mm	E2 mm	E3 mm	A Min mm	Cell W	Water Pan W	
DUO 30 144B	705	770	705	295	350	465	-	185	705	500	300	0.8 31
DUO 30 164B	705	770	705	295	350	465	-	185	705	500	300	0.8 35
DUO 30 146B	705	770	705	295	350	465	-	185	705	500	300	0.8 31
DUO 30 166B	705	770	705	295	350	465	-	185	705	500	300	0.8 34
DUO 30 244B	1260	770	705	295	350	930	-	185	1260	1400	500	1.0 61
DUO 30 264B	1260	770	705	295	350	930	-	185	1260	1400	500	1.0 67
DUO 30 246B	1260	770	705	295	350	930	-	185	1260	1400	500	1.0 60
DUO 30 266B	1260	770	705	295	350	930	-	185	1260	1400	500	1.0 65
DUO 30 344B	1725	770	705	295	350	1305	470	185	1725	1900	700	2.6 75
DUO 30 364B	1725	770	705	295	350	1305	470	185	1725	1900	700	2.6 85
DUO 30 346B	1725	770	705	295	350	1305	470	185	1725	1900	700	2.6 73
DUO 30 366B	1725	770	705	295	350	1305	470	185	1725	1900	700	2.6 80
DUO 30 444B	2100	770	705	295	350	1880	935	185	2100	2400	900	3.3 107
DUO 30 464B	2100	770	705	295	350	1880	935	185	2100	2400	900	3.3 119
DUO 30 446B	2100	770	705	295	350	1880	935	185	2100	2400	900	3.3 103
DUO 30 466B	2100	770	705	295	350	1880	935	185	2100	2400	900	3.3 114

Performance Parameters (DUO 30)

Model Type	Model DUO		Cooling Capacity DUO PA04A				Compressor				Fan 50 Hz			
	Type [C]	Number of Circuits	SC1 Number of Circuits	SC2 Number of Circuits	SC1		SC2		SC1 Number of Circuits	SC2 Number of Circuits	SC1 Number of Circuits	SC2 Number of Circuits	SC1 Number of Circuits	
					HP kW	HP kW	m³/h	in dBA						
DUO 30 144B	30	1	4	4	8	2.87	1.91	2 7.1 1458	2.6	56	1/2"	50"	1/2"	50"
DUO 30 164B	30	1	6	4	8	3.45	2.29	3 10.6 1316	2.5	56	1/2"	50"	1/2"	50"
DUO 30 146B	30	1	4	6	8	2.90	1.6	2 5.3 1479	2.7	56	1/2"	50"	1/2"	50"
DUO 30 166B	30	1	6	6	8	3.02	2	3 7.0 1355	2.6	56	1/2"	50"	1/2"	50"
DUO 30 244B	30	2	4	4	8	5.6	3.75	3.9 14.7 2015	2.8	50	1/2"	50"	1/2"	50"
DUO 30 266B	30	2	6	4	8	6.56	4.99	5.8 22.1 2632	2.7	50	1/2"	50"	1/2"	50"
DUO 30 344B	30	3	4	4	8	6.04	4.01	5.8 16.5 2711	2.8	50	1/2"	50"	1/2"	50"
DUO 30 366B	30	3	6	4	8	8.73	5.81	5.8 22.3 4373	2.9	51	1/2"	50"	1/2"	50"
DUO 30 444B	30	3	6	4	8	10.04	6.64	8.6 31.5 3948	2.8	51	1/2"	50"	1/2"	50"
DUO 30 466B	30	3	6	6	8	7.23	4.86	5.8 16.7 4435	2.9	51	1/2"	50"	1/2"	50"
DUO 30 346B	30	3	6	6	8	8.85	5.89	8.6 25.1 4066	2.9	51	1/2"	50"	1/2"	50"
DUO 30 446B	30	4	4	4	8	11.46	7.69	7.6 30.5831	2.9	52	1/2"	50"	1/2"	50"
DUO 30 466B	30	4	6	4	8	13.41	8.94	11.4 44.9 5264	2.9	52	1/2"	50"	1/2"	50"
DUO 30 346B	30	4	4	6	8	9.54	6.33	7.6 22.4 5013	2.9	52	1/2"	50"	1/2"	50"
DUO 30 446B	30	4	6	6	8	11.51	7.68	11.4 39.5 5422	2.9	52	1/2"	50"	1/2"	50"

Performance Parameters (DUO 35)

Model Type	Model DUO		Cooling Capacity SOLO PA04A				Compressor				Fan 50 Hz			
	Type [C]	Number of Circuits	SC1 Number of Circuits	SC2 Number of Circuits	SC1		SC2		SC1 Number of Circuits	SC2 Number of Circuits	SC1 Number of Circuits	SC2 Number of Circuits	SC1 Number of Circuits	
					HP kW	HP kW	m³/h	in dBA						
DUO 35 144C	35	1	4	4	C	4.13	2.74	2.5 8.9 2418	20.5	62	1/2"	50"	1/2"	50"
DUO 35 164C	35	1	6	4	C	5.28	3.54	3.8 13.4 2153	20.5	62	1/2"	50"	1/2"	50"
DUO 35 146C	35	1	4	6	C	3.39	2.23	2.5 6.7 2401	20.5	62	1/2"	50"	1/2"	50"
DUO 35 166C	35	1	6	6	C	4.67	3.11	3.8 10 2310						