



# AIR COOLER PRODUCTS





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## ABOUT US

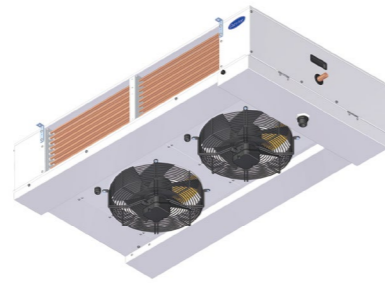
Inheriting the innovative DNA of Dr. Carrier inventing modern air conditioning, Carrier is committed to providing Chinese customers with excellent solutions in the field of high-tech HVAC and refrigeration solutions. Carrier Commercial Refrigeration Asia is actively investing in the R&D of new products while also adhering to the concept of green sustainable development in environmental protection. Carrier, the pioneer of the refrigeration industry, and Qingdao Haier jointly invested in the establishment of Haier Carrier Refrigeration Equipment Co., Ltd. (Qingdao) in 2001. With the ISO9001 certification and ACE certification, the joint venture's products include supermarket display cabinets (more than 1,000 specifications), compressor units (fixed speed and inverter condensing units), parallel units and compression condensing units (scroll, piston, screw), heat exchangers (condensers and air coolers), as well as supermarket cold chain and air-conditioning linkage system, SPI (refrigeration and hot water linkage system), HybridCO2OL (carbon dioxide cascade refrigeration technology), CO2OLtec (carbon dioxide transcritical refrigeration technology), etc. Relying on the support of two R&D centers in Mainz, Germany and Shanghai, China established by Carrier, Haier Carrier Refrigeration Equipment Co., Ltd. (Qingdao) is committed to providing customers in the Asia-Pacific region with advanced energy-saving systems and whole sets of freezing and refrigerating solutions.

# Adventer Series

## Air Cooler (EBM for standard)



**SOLO**  
Cooling capacity 1.44~15.69kW



**DUO**  
Cooling capacity 1.6~20.67kW

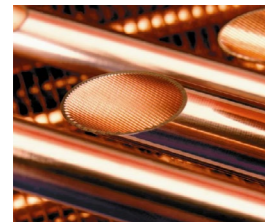
### Customer Values

- 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%\*

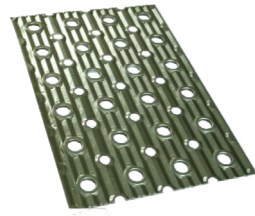
### Product Features

- 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



Inner grooved tube



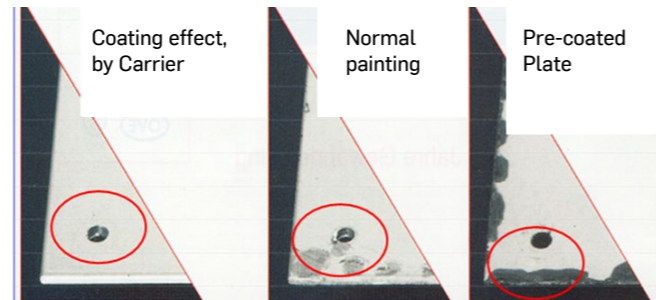
Corrugated fin



Flanging fins



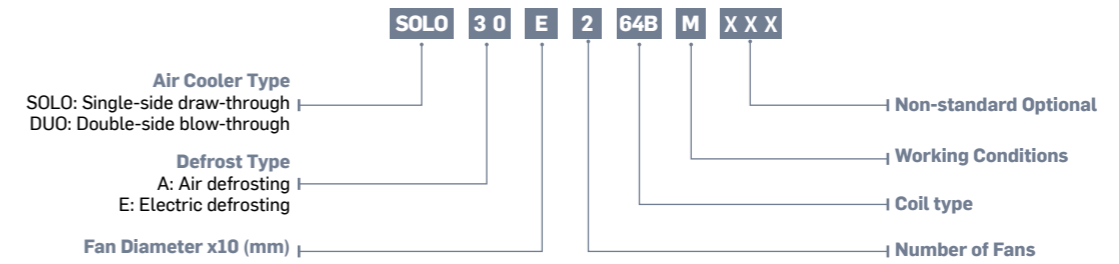
Coating treatment of external surface



Result of 240 hours salt spray test or condensed water infiltrated

Result of salt spray test

### Naming Rule of Air Cooler



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

Note: After the 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.

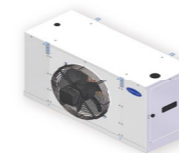
### Table of Non-standard and Optional Parts

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	Dual-layer drain pan	Standard	Standard

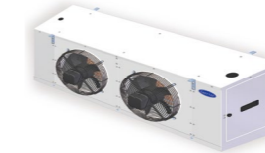
  

Item	Non-standard Parts, Optional Parts and Special Standard Parts	SOLO 30/35	DUO 30/35
4	Dual-layer insulation water pan	Non-standard	Non-standard
5	Coil protective coating	Non-standard	Non-standard
6	Hot gas defrosting	Non-standard	\

### Models of SOLO



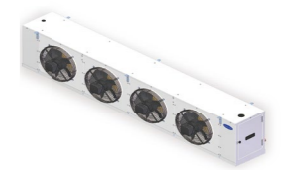
SOLO 30/35 1M



SOLO 30/35 2M

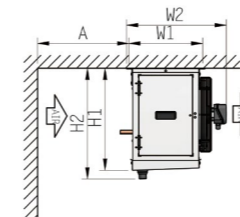


SOLO 30/35 3M

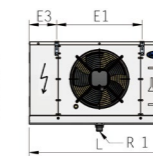


SOLO 30/35 4M

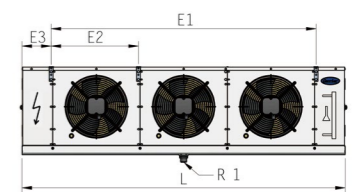
### Dimensions of SOLO



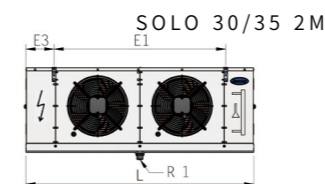
SOLO30 144B/164B  
146B/166B  
SOLO35 144C/164C  
146C/166C



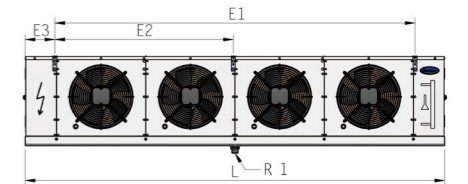
SOLO30 344B/364B  
346B/366B  
SOLO35 344C/364C  
346C/366C



SOLO30 244B/264B  
246B/266B  
SOLO35 244C/264C  
246C/266C



SOLO30 444B/464B  
446B/466B  
SOLO35 444C/464C  
446C/466C



### Performance Parameters ( SOLO 30 )

Model SOLO						Cooling Capacity R404A				Connection				Fan 50 Hz								
						SC2		SC3														
Type SOLO	Fan Dimension (Cm)	Number of Motors	Coil Rows	Fin Distance	Coil Code	Heat Transfer Temperature Difference 8K	Evaporating Temperature -80C	Heat Transfer Temperature Difference 7K	Evaporating Temperature -250C	Pipeline Volume	Heat Exchange Area	Air Volume	Air Throw	Sound Pressure	Inlet Dimension	Outlet Dimension	Inlet Dimension	Outlet Dimension	Rotation Speed	Input Power	Input Current	Power Supply
						kW	kW	dm <sup>3</sup>	m <sup>2</sup>	m <sup>3</sup> /h	m	dB(A)	inch	inch								
30/35 1M	30	1	4	4	B	2.15		1.6		2	7.1	1421	6	57	1/2"	5/8"	1/2"	5/8"	1363	65	0.29	230V-1
	30	1	6	4	B	2.67		1.99		3	10.6	1324	5	57	1/2"	5/8"	1/2"	5/8"	1359	69	0.29	230V-1
	30	1	4	6	B	1.88		1.44		2	5.1	1490	7	57	1/2"	5/8"	1/2"	5/8"	1367	64	0.28	230V-1
	30	1	6	6	B	2.4		1.88		3	7.9	1366	6	57	1/2"	5/8"	1/2"	5/8"	1361	66	0.29	230V-1
30/35 2M	30	2	4	4	B	4.56		3.46		3.9	14.7	2842	8	60	1/2"	5/8"	1/2"	7/8"	1363	130	0.57	230V-1
	30	2	6	4	B	5.21		4.12		5.8	22.1	2647	7	60	1/2"	7/8"	1/2"	7/8"	1359	137	0.59	230V-1
	30	2	4	6	B	3.85		3.04		3.9	11	2979	9	60	1/2"	5/8"	1/2"	5/8"	1367	129	0.57	230V-1
	30	2	6	6	B	4.93		3.87		5.8	16.5	3731	8	60	1/2"	5/8"	1/2"	5/8"	1361	132	0.58	230V-1
30/35 3M	30	3	4	4	B	6.87		5.13		5.8	22.3	4263	9	62	1/2"	7/8"	1/2"	7/8"	1363	196	0.86	230V-1
	30	3	6	4	B	7.84		6.01		8.6	33.5	3971	8	62	1 1/8"	7/8"	1 1/8"	1 1/8"	1359	206	0.88	230V-1
	30	3	4	6	B	5.92		4.63		5.8	16.7	4469	10	62	1/2"	7/8"	1/2"	7/8"	1367	193	0.85	230V-1
	30	3	6	6	B	7.22		5.68		8.6	25.1	4097	9	62	1/2"	7/8"	1/2"	7/8"	1361	198	0.87	230V-1
30/35 4M	30	4	4	4	B	8.92		6.59		7.6	30	5684	9	63	1/2"	7/8"	1 1/8"	1 1/8"	1363	261	1.15	230V-1
	30	4	6	4	B	10.78		8.12		11.4	44.9	5295	8	63	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1359	274	1.17	230V-1
	30	4	4	6	B	7.76		5.94		7.6	22.4	5959	10	63	1/2"	7/8"	1 1/8"	1 1/8"	1367	257	1.14	230V-1
	30	4	6	6	B	9.72		7.7		11.4	33.6	5462	9	63	1 1/8"	7/8"	1 1/8"	1 1/8"	1361	264	1.16	230V-1

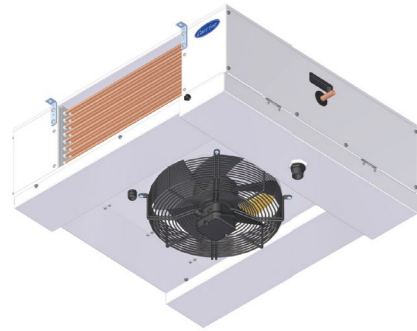
Model	External Dimension									Electric Defrosting			Weight
										230V -1			Net Weight
	L	W1	W2	H1	H2	E1	E2	E3	A	Coil	Water Pan	Total	P
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	W	W	kW	kg
SOLO 30 144B	790	340	460	470	510	485	-	155	420	750	300	0.8	27
SOLO 30 164B	790	340	460	470	510	485	-	155	420	750	300	0.8	30
SOLO 30 146B	790	340	460	470	510	485	-	155	420	750	300	1.05	27
SOLO 30 166B	790	340	460	470	510	485	-	155	420	750	300	1.05	29
SOLO 30 244B	1265	340	460	470	510	950	-	155	420	2100	500	1.9	44
SOLO 30 264B	1265	340	460	470	510	950	-	155	420	2100	500	1.9	50
SOLO 30 246B	1265	340	460	470	510	950	-	155	420	2100	500	2.6	43
SOLO 30 266B	1265	340	460	470	510	950	-	155	420	2100	500	2.6	48
SOLO 30 344B	1730	340	460	470	510	1420	470	155	420	2850	700	2.6	65
SOLO 30 364B	1730	340	460	470	510	1420	470	155	420	2850	700	2.6	73
SOLO 30 346B	1730	340	460	470	510	1420	470	155	420	2850	700	3.55	63
SOLO 30 366B	1730	340	460	470	510	1420	470	155	420	2850	700	3.55	69
SOLO 30 444B	2195	340	460	470	510	1885	935	155	420	3600	900	3.3	92
SOLO 30 464B	2195	340	460	470	510	1885	935	155	420	3600	900	3.3	103
SOLO 30 446B	2195	340	460	470	510	1885	935	155	420	3600	900	4.5	89
SOLO 30 466B	2195	340	460	470	510	1885	935	155	420	3600	900	4.5	98

### Performance Parameters ( SOLO 35 )

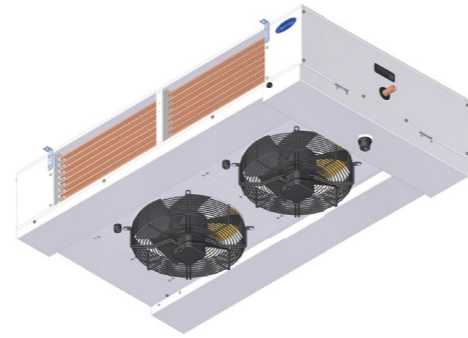
Model SOLO						Cooling Capacity R404A				Connection				Fan 50 Hz								
						SC2		SC3														
Type SOLO	Fan Dimension (Cm)	Number of Motors	Coil Rows	Fin Distance	Coil Code	Heat Transfer Temperature Difference 8K	Evaporating Temperature -8C	Heat Transfer Temperature Difference 7K	Evaporating Temperature -25C	Pipeline Volume	Heat Exchange Area	Air Volume	Air Throw	Sound Pressure	Inlet Dimension	Outlet Dimension	Inlet Dimension	Outlet Dimension	Rotation Speed	Input Power	Input Current	Power Supply
						kW	kW	kW	kW	dm <sup>3</sup>	m <sup>2</sup>	m <sup>3</sup> /h	m	dB(A)								
30/35 1M	35	1	4	4	C	3.22		2.38		2.5	8.9	2325	6	63	1/2"	5/8"	1/2"	5/8"	1336	157	0.69	230V-1
	35	1	6	4	C	4		3.01		3.8	13.4	2223	6	63	1/2"	5/8"	1/2"	7/8"	1321	166	0.73	I230V-1
	35	1	4	6	C	2.85		2.12		2.5	6.7	2555	6.5	63	1/2"	5/8"	1/2"	5/8"	1337	158	0.7	I230V-1
	35	1	6	6	C	3.66		2.72		3.8	10	2440	6.5	63	1/2"	5/8"	1/2"	5/8"	1320	167	0.74	I230V-1
30/35 2M	35	2	4	4	C	6.36		4.76		4.8	18.4	4651	8	66	1/2"	7/8"	1/2"	7/8"	1336	315	1.38	I230V-1
	35	2	6	4	C	7.94		5.9		7.2	27.6	4447	8	66	1/2"	7/8"	1/2"	1 1/8"	1321	331	1.46	I230V-1
	35	2	4	6	C	5.55		4.14		4.8	13.7	5110	8.5	66	1/2"	7/8"	1/2"	7/8"	1337	316	1.4	I230V-1
	35	2	6	6	C	7.39		5.5		7.2	20.6	4880	8.5	66	1/2"	7/8"	1/2"	7/8"	1320	333	1.48	230V-1
30/35 3M	35	3	4	4	C	9.72		7.28		7.2	27.9	6976	9	68	1 1/8"	7/8"	1 1/8"	1 1/8"	1336	472	2.07	I230V-1
	35	3	6	4	C	11.75		8.73		10.8	41.9	6670	9	68	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1321	497	2.19	I230V-1
	35	3	4	6	C	8.62		6.4		7.2	20.9	7665	9.5	68	1 1/8"	7/8"	1 1/8"	1 1/8"	1337	475	2.1	I230V-1
	35	3	6	6	C	10.85		8.08		10.8	31.3	7321	9.5	68	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1320	500	2.22	I230V-1
30/35 4M	35	4	4	4	C	12.85		9.4		9.5	37.4	9301	9	69	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1336	630	2.76	I230V-1
	35	4	6	4	C	15.69		11.69		14.2	56.1	8894	9	69	1 1/8"	1 1/8"	1 1/8"	1 3/8"	1321	662	2.92	I230V-1
	35	4	4	6	C	11.46		8.47		9.5	28	10220	9.5	69	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1337	633	2.8	I230V-1
	35	4	6	6	C	14.43		10.77		14.2	42	9761	9.5	69	1 1/8"	1 1/8"	1 1/8"	1 3/8"	1320	667	2.96	I230V-1

Model	External Dimension									Electric Defrosting			Weight
										230V -1			Net Weight
	L	W1	W2	H1	H2	E1	E2	E3	A	Coil	Water Pan	Total	P
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	W	W	kW	kg
SOLO 35 144C	840	340	460	520	560	535	-	155	420	1500	350	1.35	31
SOLO 35 164C	840	340	460	520	560	535	-	155	420	1500	350	1.35	34
SOLO 35 146C	840	340	460	520	560	535	-	155	420	1500	350	1.85	30
SOLO 35 166C	840	340	460	520	560	535	-	155	420	1500	350	1.85	32
SOLO 35 244C	1365	340	460	520	560	1050	-	155	420	2250	550	2.05	52
SOLO 35 264C	1365	340	460	520	560	1050	-	155	420	2250	550	2.05	59
SOLO 35 246C	1365	340	460	520	560	1050	-	155	420	2250	550	2.8	50
SOLO 35 266C	1365	340	460	520	560	1050	-	155	420	2250	550	2.8	55
SOLO 35 344C	1880	340	460	520	560	1570	520	155	420	3150	750	2.85	71
SOLO 35 364C	1880	340	460	520	560	1570	520	155	420	3150	750	2.85	83
SOLO 35 346C	1880	340	460	520	560	1570	520	155	420	3150	750	3.9	67
SOLO 35 366C	1880	340	460	520	560	1570	520	155	420	3150	750	3.9	78
SOLO 35 444C	2395	340	460	520	560	2085	1035	155	420	4200	950	3.75	92
SOLO 35 464C	2395	340	460	520	560	2085	1035	155	420	4200	950	3.75	106
SOLO 35 446C	2395	340	460	520	560	2085	1035	155	420	4200	950	5.15	88
SOLO 35 466C	2395	340	460	520	560	2085	1035	155	420	4200	950	5.15	100

## Models of DUO



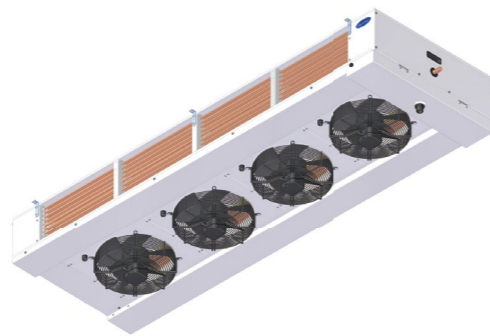
**DUO 30/35 1M**



**DUO 30/35 2M**

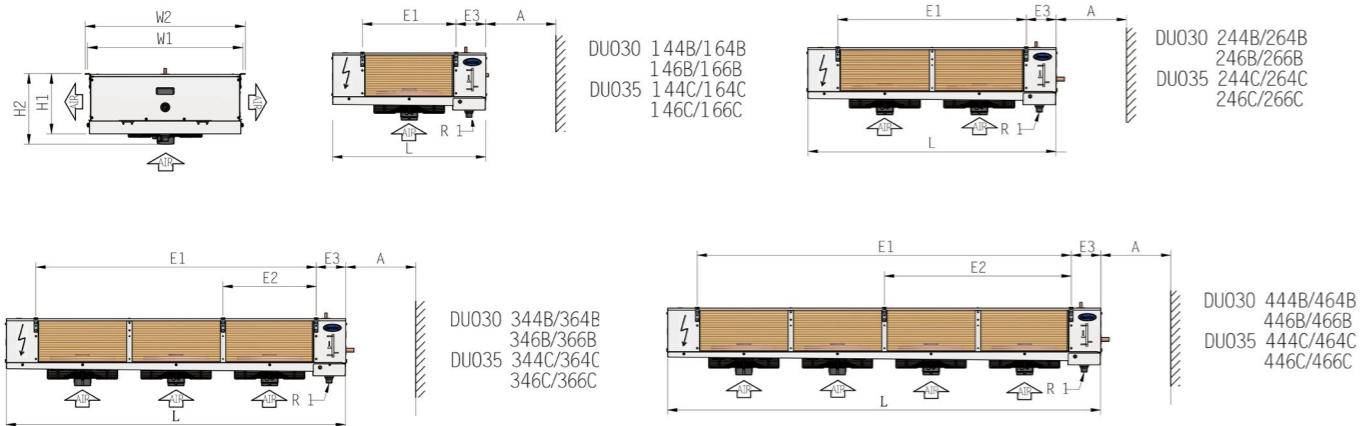


**DUO 30/35 3M**



**DUO 30/35 4M**

## Dimensions of DUO



## Performance Parameters ( DUO 30 )

Model DUO		Cooling Capacity R404A				Connection				Fan 50 Hz												
													SC1		SC2							
Type DUO	Fan Dimension (Cm)	Number of Motors	Coil Rows	Fin Distance	Coil Code	Heat Transfer Temperature Difference 10K	Evaporating Temperature 0°C	Heat Transfer Temperature Difference 8K	Evaporating Temperature -8°C	Pipeline Volume	Heat Exchange Area	Air Volume	Air Throw	Sound Pressure	Inlet Dimension	Outlet Dimension	Inlet Dimension	Outlet Dimension	Rotation Speed	Input Power	Input Current	Power Supply
30/35 1M	30	1	4	4	B	2.87		1.91		2	7.1	1458	2 X 6	56	1/2"	5/8"	1/2"	5/8"	1363	65	0.29	230V -1
	30	1	6	4	B	3.46		2.29		3	10.6	1316	2 X 5	56	1/2"	5/8"	1/2"	5/8"	1359	69	0.29	230V -1
	30	1	4	6	B	2.39		1.6		2	5.3	1478	2 X 7	56	1/2"	5/8"	1/2"	5/8"	1367	64	0.28	230V -1
	30	1	6	6	B	3.02		2		3	7.9	1355	2 X 6	56	1/2"	5/8"	1/2"	5/8"	1361	66	0.29	230V -1
30/35 2M	30	2	4	4	B	5.6		3.75		3.9	14.7	2915	2 X 8	59	1/2"	5/8"	1/2"	5/8"	1363	130	0.57	230V -1
	30	2	6	4	B	6.56		4.59		5.8	22.1	2632	2 X 7	59	1/2"	7/8"	1/2"	5/8"	1359	137	0.59	230V -1
	30	2	4	6	B	4.65		3.12		3.9	11	2956	2 X 9	59	1/2"	5/8"	1/2"	5/8"	1367	129	0.57	230V -1
	30	2	6	6	B	6.04		4.01		5.8	16.5	2711	2 X 8	59	1/2"	5/8"	1/2"	5/8"	1361	132	0.58	230V -1
30/35 3M	30	3	4	4	B	8.73		5.81		5.8	22.3	4373	2 X 9	61	1/2"	7/8"	1/2"	7/8"	1363	196	0.86	230V -1
	30	3	6	4	B	10.04		6.64		8.6	33.5	3948	2 X 8	61	1/2"	7/8"	1/2"	7/8"	1359	206	0.88	230V -1
	30	3	4	6	B	7.23		4.86		5.8	16.7	4435	2 X 10	61	1/2"	7/8"	1/2"	5/8"	1367	193	0.85	230V -1
	30	3	6	6	B	8.85		5.89		8.6	25.1	4066	2 X 9	61	1/2"	7/8"	1/2"	7/8"	1361	198	0.87	230V -1
30/35 4M	30	4	4	4	B	11.46		7.69		7.6	30	5831	2 X 9	62	1 1/8"	7/8"	1 1/8"	7/8"	1363	261	1.15	230V -1
	30	4	6	4	B	13.41		8.94		11.4	44.9	5264	2 X 8	62	1 1/8"	1 1/8"	1 1/8"	7/8"	1359	274	1.17	230V -1
	30	4	4	6	B	9.54		6.33		7.6	22.4	5913	2 X 10	62	1/2"	7/8"	1/2"	7/8"	1367	257	1.14	230V -1
	30	4	6	6	B	11.51		7.68		11.4	33.6	5422	2 X 9	62	1 1/8"	7/8"	1 1/8"	7/8"	1361	264	1.16	230V -1

Model	External Dimension									Electric Defrosting			Weight
	L	W1	W2	H1	H2	E1	E2	E3	A Min	230V -1			Net Weight
										Coil	Water Pan	Total	P
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	W	W	kW	kg
DUO 30 144B	795	770	795	295	350	465	-	165	795	500	300	0.8	31
DUO 30 164B	795	770	795	295	350	465	-	165	795	500	300	0.8	35
DUO 30 146B	795	770	795	295	350	465	-	165	795	500	300	0.8	31
DUO 30 166B	795	770	795	295	350	465	-	165	795	500	300	0.8	34
DUO 30 244B	1260	770	795	295	350	930	-	165	1260	1400	500	1.9	51
DUO 30 264B	1260	770	795	295	350	930	-	165	1260	1400	500	1.9	57
DUO 30 246B	1260	770	795	295	350	930	-	165	1260	1400	500	1.9	50
DUO 30 266B	1260	770	795	295	350	930	-	165	1260	1400	500	1.9	55
DUO 30 344B	1725	770	795	295	350	1395	470	165	1725	1900	700	2.6	75
DUO 30 364B	1725	770	795	295	350	1395	470	165	1725	1900	700	2.6	85
DUO 30 346B	1725	770	795	295	350	1395	470	165	1725	1900	700	2.6	73
DUO 30 366B	1725	770	795	295	350	1395	470	165	1725	1900	700	2.6	80
DUO 30 444B	2190	770	795	295	350	1860	935	165	2190	2400	900	3.3	107
DUO 30 464B	2190	770	795	295	350	1860	935	165	2190	2400	900	3.3	119
DUO 30 446B	2190	770	795	295	350	1860	935	165	2190	2400	900	3.3	103
DUO 30 466B	2190	770	795	295	350	1860	935	165	2190	2400	900	3.3	114

## Performance Parameters ( DUO 35 )

Type DUO	Model DUO				Cooling Capacity R404A				Connection				Fan 50 Hz							
					SC1		SC2		SC1		SC2									
	Fan Dimension (Gm)	Number of Motors	Coil Rows	Coil Code	Heat Transfer Temperature Difference 10K	Evaporating Temperature 0°C	Heat Transfer Temperature Difference 8K	Evaporating Temperature -8°C	Pipeline Volume	Heat Exchange Area	Air Volume	Air Throw	Sound Pressure	Inlet Dimension	Outlet Dimension	Inlet Dimension	Outlet Dimension	Rotation Speed	Input Power	Input Current
				kW	kW	kW	kW	dm <sup>3</sup>	m <sup>2</sup>	m <sup>3</sup> /h	m	dB(A)	inch	inch	inch	inch	min <sup>-1</sup>	W	A	V
30/35 1M	35	1	4	4	C	4.13	2.74	2.5	8.9	2418	2 X 7,5	62	1/2"	5/8"	1/2"	5/8"	1360	157	0.69	230V -1
	35	1	6	4	C	5.28	3.54	3.8	13.4	2153	2 X 6,5	62	1/2"	5/8"	1/2"	5/8"	1272	166	0.73	230V -1
	35	1	4	6	C	3.39	2.23	2.5	6.7	2471	2 X 8,5	62	1/2"	5/8"	1/2"	5/8"	1362	158	0.7	230V -1
	35	1	6	6	C	4.67	3.11	3.8	10	2310	2 X 7,5	62	1/2"	5/8"	1/2"	5/8"	1316	167	0.74	230V -1
30/35 2M	35	2	4	4	C	8.35	5.58	4.8	18.4	4836	2 X 9,5	65	1/2"	7/8"	1/2"	7/8"	1360	315	1.38	230V -1
	35	2	6	4	C	10.45	6.92	7.2	27.6	4307	2 X 8,5	65	1/2"	7/8"	1/2"	7/8"	1272	331	1.46	230V -1
	35	2	4	6	C	6.99	4.63	4.8	13.7	4943	2 X 10,5	65	1/2"	7/8"	1/2"	5/8"	1362	316	1.4	230V -1
	30	2	6	6	C	9.3	6.19	7.2	20.6	4620	2 X 9,5	65	1/2"	7/8"	1/2"	7/8"	1316	333	1.48	230V -1
30/35 3M	35	3	4	4	C	12.54	8.35	7.2	27.9	7254	2 X 10,5	67	1/2"	7/8"	1/2"	7/8"	1360	472	2.07	230V -1
	35	3	6	4	C	15.76	10.49	10.8	41.9	6460	2 X 9,5	67	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1272	497	2.19	230V -1
	35	3	4	6	C	10.48	7.05	7.2	20.9	7414	2 X 11,5	67	1/2"	7/8"	1/2"	7/8"	1362	475	2.1	230V -1
	35	3	6	6	C	14.11	9.43	10.8	31.3	6929	2 X 10,5	67	1 1/8"	1 1/8"	1 1/8"	7/8"	1316	500	2.22	230V -1
30/35 4M	35	4	4	4	C	16.59	11.02	9.5	37.4	9672	2 X 10,5	68	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1360	630	2.76	230V -1
	35	4	6	4	C	20.67	13.93	14.2	56.1	8613	2 X 9,5	68	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1272	662	2.92	230V -1
	35	4	4	6	C	13.85	9.2	9.5	28	9886	2 X 11,5	68	1/2"	7/8"	1/2"	7/8"	1362	633	2.8	230V -1
	35	4	6	6	C	18.33	12.33	14.2	42	9239	2 X 10,5	68	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1316	667	2.96	230V -1

Model	External Dimension									Electric Defrosting			Weight
										230V -1			Net Weight
	L	W1	W2	H1	H2	E1	E2	E3	A Min	Coil	Water Pan	Total	P
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	W	W	kW	kg
DUO 35 144C	845	820	845	320	370	515	-	165	845	1000	400	1.4	37
DUO 35 164C	845	820	845	320	370	515	-	165	845	1000	400	1.4	41
DUO 35 146C	845	820	845	320	370	515	-	165	845	1000	400	1.4	36
DUO 35 166C	845	820	845	320	370	515	-	165	845	1000	400	1.4	38
DUO 35 244C	1360	820	845	320	370	1030	-	165	1360	1500	600	2.1	62
DUO 35 264C	1360	820	845	320	370	1030	-	165	1360	1500	600	2.1	69
DUO 35 246C	1360	820	845	320	370	1030	-	165	1360	1500	600	2.1	60
DUO 35 266C	1360	820	845	320	370	1030	-	165	1360	1500	600	2.1	65
DUO 35 344C	1875	820	845	320	370	1550	520	165	1875	2100	800	2.9	85
DUO 35 364C	1875	820	845	320	370	1550	520	165	1875	2100	800	2.9	99
DUO 35 346C	1875	820	845	320	370	1550	520	165	1875	2100	800	2.9	80
DUO 35 366C	1875	820	845	320	370	1550	520	165	1875	2100	800	2.9	93
DUO 35 444C	2390	820	845	320	370	2065	1035	165	2390	2800	1000	3.8	110
DUO 35 464C	2390	820	845	320	370	2065	1035	165	2390	2800	1000	3.8	126
DUO 35 446C	2390	820	845	320	370	2065	1035	165	2390	2800	1000	3.8	105
DUO 35 466C	2390	820	845	320	370	2065	1035	165	2390	2800	1000	3.8	119

# Pleasure Series

## Air Cooler SOLO30/35 DUO35



### Customer Values

- Multiple options, more applications
- Adapt to applications with various humidity and temperatures
- Suitable for cold rooms and processing rooms with -18 ~ +10°C storage temperature
- Highly efficient defrosting, saving operating costs, small fluctuations in storage temperature, ensuring goods safety and freshness
- High heat exchange efficiency, lower energy consumption, faster cooling speed, 6-11% operating cost saving
- Easy to maintain
- Longer service life, easy to clean and maintain, reducing maintenance costs

### Product Features

- A cooling capacity of 1.4 ~ 20.7kw, including two categories SOLO\DUO of 46 models
- 4.5mm/6.3mm fin spacing, flexible options
- Suitable for SC1 \ SC2 \ SC3 working conditions, and more applications
- Optional electric defrost/air defrost
- Short defrost time, high efficiency, low energy consumption
- Highly efficient corrugated fin + internal thread heat exchange tube, increased heat exchange area, higher heat exchange efficiency
- Side panel hinges
- High pressure powder sprayed double coated enclosure

\* SC1: storage temperature 10°C, usually for fruit and vegetable storage environment, suitable for supermarkets.

SC2: storage temperature 0°C, usually for daily distribution needs, suitable for supermarkets and distribution.

SC3: storage temperature -18°C, usually for low temperature storage, suitable for cold storage.

### Application

#### Pleasure Series - Single-outlet - SOLO

- 30 different models
- Cooling capacity: 1.4 kW ~ 26.5 kW
- Suitable for SC1, SC2, SC3 conditions

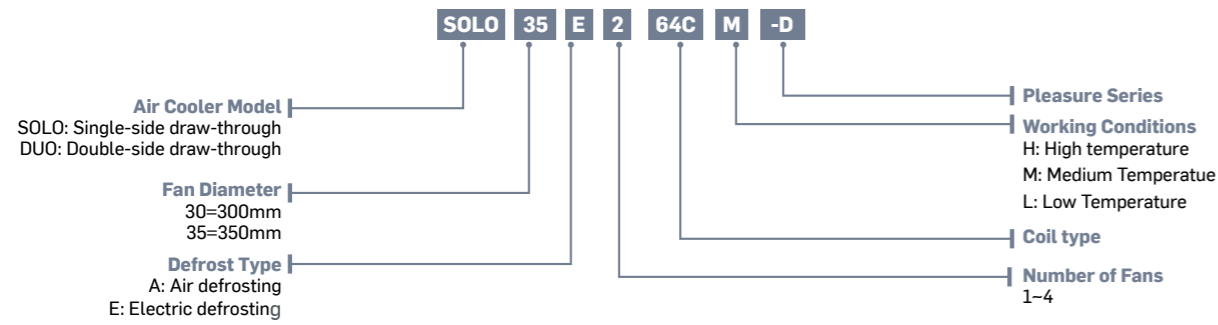
#### Pleasure Series - Double-outlet - DUO

- 16 different models
- Cooling capacity: 2.7 kW ~ 20.7 kW
- Suitable for SC1, SC2 conditions

-18 °C to + 10 °C logistics cold storage, supermarket distribution warehouse, small and medium cold storage.

0 °C to + 10 °C operating room, processing room, medium and high temperature fruit and vegetable warehouse, laboratory.

## Naming Rule of Air Cooler



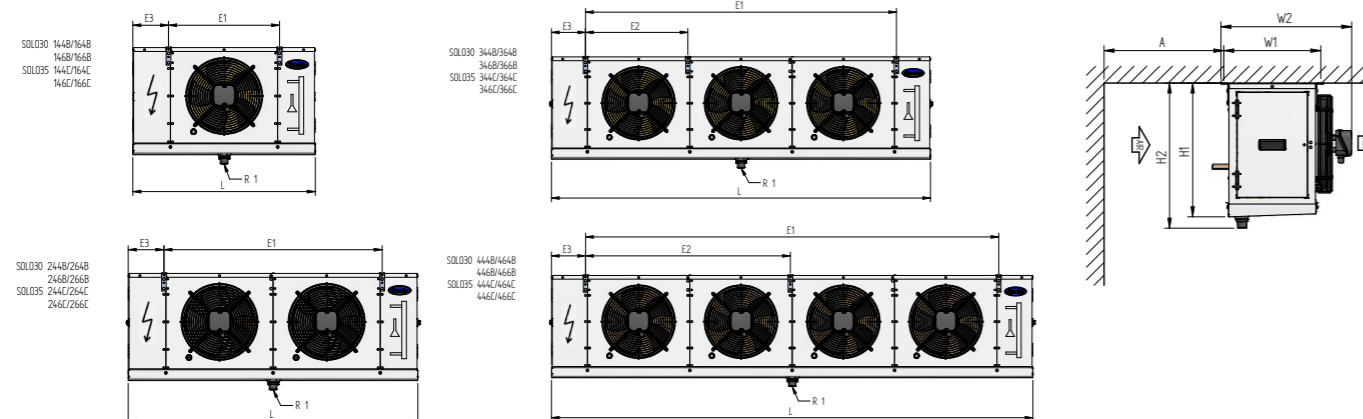
## Non-standard Option

Item	Non-standard Parts	Description
1	Coil protective coating (Epoxy coating, Hydrophilic aluminum foil, etc)	Non-standard
2	EBM Motor	High-end motor brands
3	Fin Distance: 9mm	Optional for harsh applications to reduce fin frosting
4	Wind ring heating tape	Optional for harsh application conditions to avoid abnormal fan due to frosting of the air ring
5	Dual-layer insulation water pan	Avoid condensation on the water pan surface, causing water dripping
6	Hot gas defrosting	Less frost, higher efficiency and lower energy consumption

## Neutral Salt Spray Test of Coil Coating

Type of anticorrosive coating	Neutral salt spray test (H)
Hydrophilic aluminum foil	500
Epoxy coating	>1500

## Dimensions of SOLO



## Performance Parameters (SOLO 30)

Model SOLO (Pleasure Series)						Cooling Capacity R404A							Connection				Fan 50 Hz							
Type SOLO	Fan Dimension (Cm)	Number of Motors	Coil Rows	Fin Distance	Coil Code	SC2			SC3				SC2		SC3		Rotation Speed	Input Power	Input Current	Power Supply				
						Heat transfer Temperature Difference 8K	Evaporating Temperature -8°C	Heat Transfer Temperature Difference 7K	Evaporating Temperature -25°C	Heat Transfer Temperature Difference 7K	Evaporating Temperature -25°C	Pipeline Volume	Heat Exchange Area	Air Volume	Air Throw	Sound Pressure					Inlet Dimension	Outlet Dimension	Inlet Dimension	Outlet Dimension
SOLO 30	30	1	4	4	B	2.15	1.6	2	7.1	1421	6	57	1/2"	5/8"	1/2"	5/8"	1363	85	0.39	230V-1				
SOLO 30	30	1	4	6	B	1.88	1.44	2	5.1	1490	7	57	1/2"	5/8"	1/2"	5/8"	1367	85	0.39	230V-1				
SOLO 30	30	2	4	4	B	4.56	3.46	3.9	14.7	2842	8	60	1/2"	5/8"	1/2"	7/8"	1363	170	0.78	230V-1				
SOLO 30	30	2	4	6	B	3.85	3.04	3.9	11	2979	9	60	1/2"	5/8"	1/2"	5/8"	1367	170	0.78	230V-1				

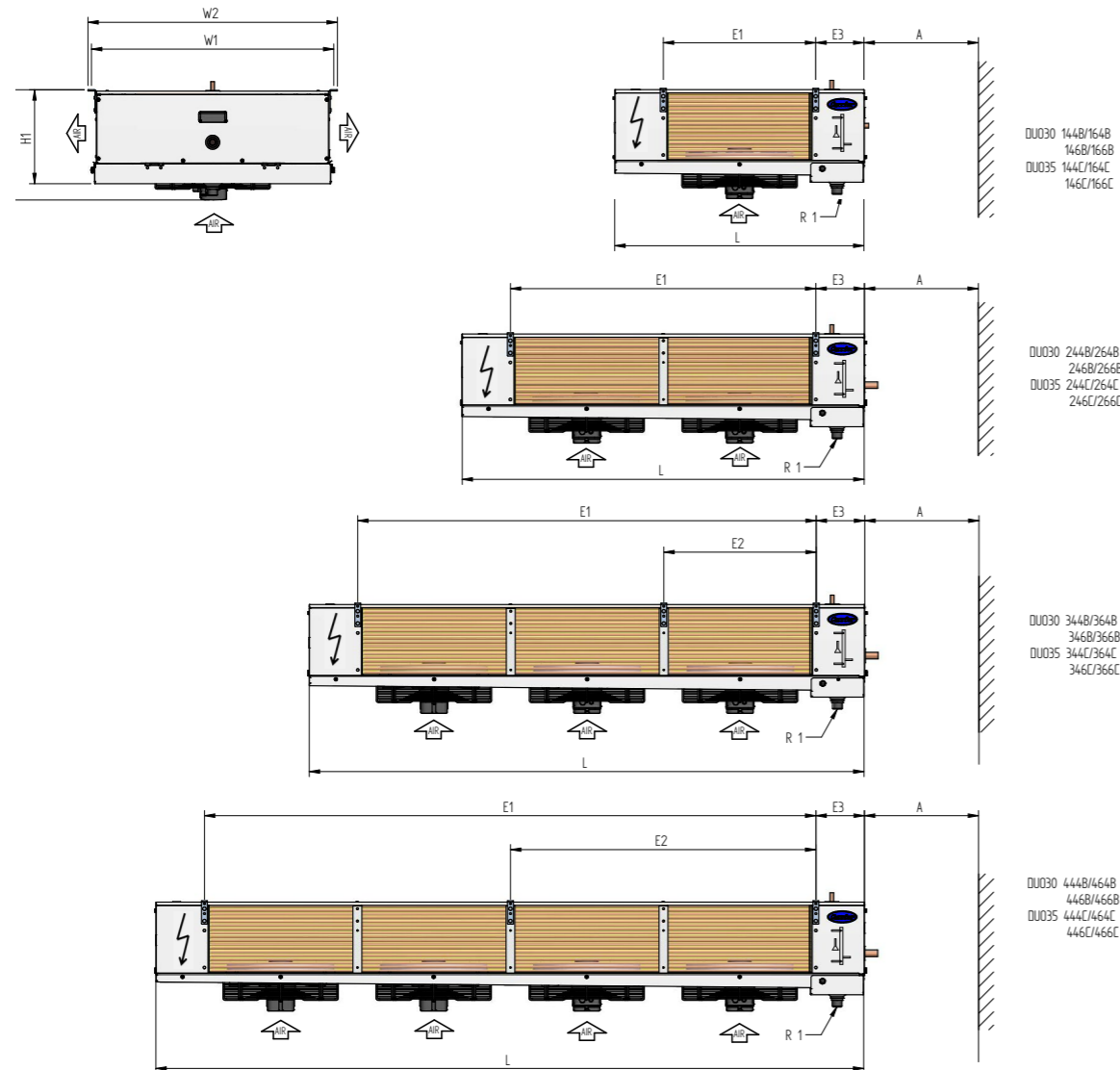
Model (Pleasure Series)	External Dimension										Electric Defrosting			Weight
	L	W1	W2	H1	H2	E1	E2	E3	A	Coil	Water Pan	Total	Net Weight	
													P	
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	W	W	kW	kg	
SOLO 30 144B	790	340	460	470	510	485	-	155	420	500	300	0.8	27	
SOLO 30 146B	790	340	460	470	510	485	-	155	420	750	300	1.05	27	
SOLO 30 244B	1265	340	460	470	510	950	-	155	420	1400	500	1.9	44	
SOLO 30 246B	1265	340	460	470	510	950	-	155	420	2100	500	2.6	43	

## Performance Parameters (SOLO 35)

Model SOLO (Pleasure Series)						Cooling Capacity R404A							Connection				Fan 50 Hz							
Type SOLO	Fan Dimension (Cm)	Number of Motors	Coil Rows	Fin Distance	Coil Code	SC2			SC3				SC2		SC3		Rotation Speed	Input Power	Input Current	Power Supply				
						Heat transfer Temperature Difference 8K	Evaporating Temperature -8°C	Heat Transfer Temperature Difference 7K	Evaporating Temperature -25°C	Heat Transfer Temperature Difference 7K	Evaporating Temperature -25°C	Pipeline Volume	Heat Exchange Area	Air Volume	Air Throw	Sound Pressure					Inlet Dimension	Outlet Dimension	Inlet Dimension	Outlet Dimension
SOLO 35	35	1	4	4	C	3.22	2.38	2.5	8.9	2325	6	63	1/2"	5/8"	1/2"	5/8"	1336	163	0.79	230V-1				
SOLO 35	35	1	6	4	C	4	3.01	3.8	13.4	2223	6	63	1/2"	5/8"	1/2"	7/8"	1321	163	0.79	230V-1				
SOLO 35	35	1	4	6	C	2.85	2.12	2.5	6.7	2555	6.5	63	1/2"	5/8"	1/2"	5/8"	1337	163	0.79	230V-1				
SOLO 35	35	1	6	6	C	3.66	2.72	3.8	10	2440	6.5	63	1/2"	5/8"	1/2"	5/8"	1320	163	0.79	230V-1				
SOLO 35	35	2	4	4	C	6.36	4.76	4.8	18.4	4651	8	66	1/2"	7/8"	1/2"	7/8"	1336	326	1.58	230V-1				
SOLO 35	35	2	6	4	C	7.94	5.9	7.2	27.6	4447	8	66	1/2"	7/8"	1/2"	1 1/8"	1321	326	1.58	230V-1				
SOLO 35	35	2	4	6	C	5.55	4.14	4.8	13.7	5110	8.5	66	1/2"	7/8"	1/2"	7/8"	1337	326	1.58	230V-1				
SOLO 35	35	2	6	6	C	7.39	5.5	7.2	20.6	4880	8.5	66	1/2"	7/8"	1/2"	7/8"	1320	326	1.58	230V-1				
SOLO 35	35	3	4	4	C	9.72	7.28	7.2	27.9	6976	9	68	1 1/8"	7/8"	1 1/8"	1 1/8"	1336	489	2.37	230V-1				
SOLO 35	35	3	6	4	C	11.75	8.73	10.8	41.9	6670	9	68	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1321	489	2.37	230V-1				
SOLO 35	35	3	4	6	C	8.62	6.4	7.2	20.9	7665	9.5	68	1 1/8"	7/8"	1 1/8"	1 1/8"	1337	489	2.37	230V-1				
SOLO 35	35	3	6	6	C	10.85	8.08	10.8	31.3	7321	9.5	68	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1320	489	2.37	230V-1				
SOLO 35	35	4	4	4	C	12.85	9.4	9.5	37.4	9301	9	69	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1336	652	3.16	230V-1				
SOLO 35	35	4	6	4	C	15.69	11.69	14.2	56.1	8894	9	69	1 1/8"	1 1/8"	1 1/8"	1 3/8"	1321	652	3.16	230V-1				
SOLO 35	35	4	4	6	C	11.46	8.47	9.5	28	10220	9.5	69	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1337	652	3.16	230V-1				
SOLO 35	35	4	6	6	C	14.43	10.77	14.2	42	9761	9.5	69	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1320	652	3.16	230V-1				

Model (Pleasure Series)	External Dimension									Electric Defrosting			Weight
	L	W1	W2	H1	H2	E1	E2	E3	A	230V - 1			Net Weight
										Coil	Water Pan	Total	P
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	W	W	kW	kg
SOLO 35 144C	840	340	460	520	560	535	-	155	420	1000	350	1.35	31
SOLO 35 164C	840	340	460	520	560	535	-	155	420	1000	350	1.35	34
SOLO 35 146C	840	340	460	520	560	535	-	155	420	1500	350	1.85	30
SOLO 35 166C	840	340	460	520	560	535	-	155	420	1500	350	1.85	32
SOLO 35 244C	1365	340	460	520	560	1050	-	155	420	1500	550	2.05	52
SOLO 35 264C	1365	340	460	520	560	1050	-	155	420	1500	550	2.05	59
SOLO 35 246C	1365	340	460	520	560	1050	-	155	420	2250	550	2.8	50
SOLO 35 266C	1365	340	460	520	560	1050	-	155	420	2250	550	2.8	55
SOLO 35 344C	1880	340	460	520	560	1570	520	155	420	2100	750	2.85	71
SOLO 35 364C	1880	340	460	520	560	1570	520	155	420	2100	750	2.85	83
SOLO 35 346C	1880	340	460	520	560	1570	520	155	420	3150	750	3.9	67
SOLO 35 366C	1880	340	460	520	560	1570	520	155	420	3150	750	3.9	78
SOLO 35 444C	2395	340	460	520	560	2085	1035	155	420	2800	950	3.75	92
SOLO 35 464C	2395	340	460	520	560	2085	1035	155	420	2800	950	3.75	106
SOLO 35 446C	2395	340	460	520	560	2085	1035	155	420	4200	950	5.15	88
SOLO 35 466C	2395	340	460	520	560	2085	1035	155	420	4200	950	5.15	100

### Dimensions of DUO



DUO30 144B/164B  
146B/166B  
DUO35 144C/164C  
146C/166C

DUO30 244B/264B  
246B/266B  
DUO35 244C/264C  
246C/266C

DUO30 344B/364B  
346B/366B  
DUO35 344C/364C  
346C/366C

DUO30 444B/464B  
446B/466B  
DUO35 444C/464C  
446C/466C

### Performance Parameters (DUO 35)

Model DUO (Pleasure Series)						Cooling Capacity DUO R404A				Connection				Fan 50 Hz																
Type DUO 35 Model	Fan Dimension (Cm)	Number of Motors	Coil Rows	Fin Distance	Coil Code	SC2		SC3		Inlet Dimension	Outlet Dimension	Inlet Dimension	Outlet Dimension	Rotation Speed	Input Power	Input Current	Power Supply													
						Heat Transfer Temperature Difference 8K	Evaporating Temperature -8°C	Heat Transfer Temperature Difference 7K	Evaporating Temperature 25°C									dm <sup>3</sup>	m <sup>2</sup>	m <sup>3</sup> /h	m	dB(A)	inch	inch	inch	inch	min <sup>-1</sup>	W	A	V
						kW	kW	kW	kW									inch	inch	inch	inch	min <sup>-1</sup>	W	A	V					
DUO 35 1	4	4	C	4.13	2.74	2.5	8.9	2418	2 X 7,5	62	1/2"	5/8"	1/2"	5/8"	1360	163	0.79	230V -1												
DUO 35 1	6	4	C	5.28	3.54	3.8	13.4	2153	2 X 6,5	62	1/2"	5/8"	1/2"	5/8"	1272	163	0.79	230V -1												
DUO 35 2	4	4	C	8.35	5.58	4.8	18.4	4836	2 X 9,5	65	1/2"	7/8"	1/2"	7/8"	1360	326	1.58	230V -1												
DUO 35 2	6	4	C	10.45	6.92	7.2	27.6	4307	2 X 8,5	65	1/2"	7/8"	1/2"	7/8"	1272	326	1.58	230V -1												
DUO 35 3	4	4	C	12.54	8.35	7.2	27.9	7254	2 X 10,5	67	1/2"	7/8"	1/2"	7/8"	1360	489	2.37	230V -1												
DUO 35 3	6	4	C	15.76	10.49	10.8	41.9	6460	2 X 9,5	67	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1272	489	2.37	230V -1												
DUO 35 4	4	4	C	16.59	11.02	9.5	37.4	9672	2 X 10,5	68	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1360	652	3.16	230V -1												
DUO 35 4	6	4	C	20.67	13.93	14.2	56.1	8613	2 X 9,5	68	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1272	652	3.16	230V -1												

Model (Pleasure Series)	External Dimension									Electric Defrosting			Weight
	L	W1	W2	H1	H2	E1	E2	E3	A	230V - 1			Net Weight
										Coil	Water Pan	Total	P
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	W	W	kW	kg
DUO 35 144C	845	820	845	320	370	515	-	165	845	37	350	1.35	31
DUO 35 164C	845	820	845	320	370	515	-	165	845	41	350	1.35	34
DUO 35 244C	1360	820	845	320	370	1030	-	165	1360	62	550	2.05	52
DUO 35 264C	1360	820	845	320	370	1030	-	165	1360	69	550	2.05	59
DUO 35 344C	1875	820	845	320	370	1550	520	165	1875	85	750	2.85	71
DUO 35 364C	1875	820	845	320	370	1550	520	165	1875	99	750	2.85	83
DUO 35 444C	2390	820	845	320	370	2065	1035	165	2390	110	950	3.75	92
DUO 35 464C	2390	820	845	320	370	2065	1035	165	2390	126	950	3.75	106

# Pleasure Series

## Air Cooler SOLO45



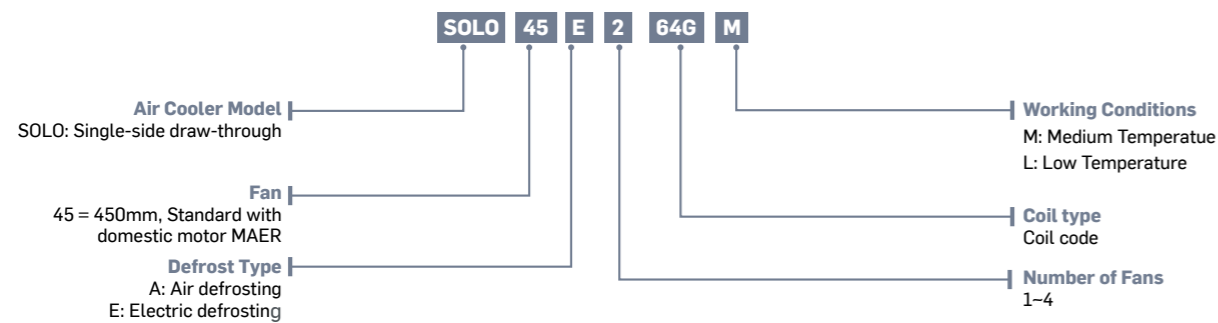
### Customer Values

- Expanded commercial chiller cooling capacity to meet more applications
- High heat transfer efficiency, energy saving and highly efficient
- Efficient defrosting, saving operating costs, low temperature fluctuations, ensuring the safety and freshness of goods
- Sheet metal parts have long service life, validated by long-term corrosion resistance tests
- Simple structure, easy to install and maintain

### Product Features

- 450mm-diameter fan of 24 models, cooling capacity: 5.7~41 kW
- 1~4 fans, suitable for SC2 and SC3 working conditions, and multiple applications
- Suitable for medium-sized logistics cold rooms, supermarket distribution warehouses, forecourt cold rooms, etc. with -18 °C ~ +0 °C storage temperatures
- Optional electric defrost/air defrost
- Highly efficient copper tube fins - corrugated fins - to increase evaporative surface area and heat transfer efficiency
- Perfect surface spraying process - powder coating that meets the higher hygiene standard (HACCP), anti-corrosion and anti-rust, longer service life, easy to clean and maintain

### Naming Rule of Air Cooler



### Non-standard Option

Item	Standard Parts	Non-standard Parts	Description
1	Aluminium foil	Coil protective coating (Epoxy coating, Hydrophilic aluminum foil, etc)	Epoxy coating: for corrosive applications Hydrophilic aluminum foil: used in high humidity, easy to frost occasions
2	MAER Motor	EBM Motor	High-end motor brand
3	MT: 4.5mm LT: 7.0mm	Max Fin Distance: 12mm	Reduce fin frosting and ensure heat transfer performance
4	N/A	Wind ring heating tape	Used for harsh application, to avoid wind circle frost caused by abnormal fan
5	Galvanized sheet spraying	Stainless steel case	Food grade application, more corrosion resistant
6	Electric defrosting	Hot gas defrosting	Energy saving by using compressor waste heat to defrost
7	Drain pan	Dual-layer drain pan	Avoid condensation dripping from the catch basin due to hot and cold convection

### Neutral Salt Spray Test of Coil Coating

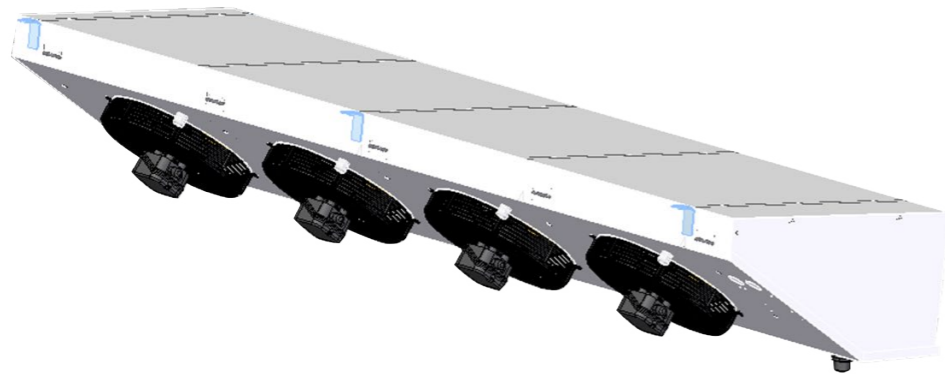
Type of anticorrosive coating	Neutral salt spray test (H)
Hydrophilic aluminum foil	500
Epoxy coating	>1500

### Performance Parameters (SOLO 45)

Type: SOLO	Model SOLO					Cooling Capacity R404A		Connection					Fan			Electric Defrosting 230V -1		
	Fan Dimension (cm)	Number of Motors	Coil Rows	Fin Distance	Coil Code	SC2	SC3	Inlet Dimension	Outlet Dimension	Input Power	Input Current	Power Supply	External Dimension	Coil	Water Pan	Total	Weight	
						Heat transfer Temperature Difference 8K	Evaporating Temperature -8°C											Heat Transfer Temperature Difference 7K
SOLO 45 1 4 4 G	7.6	/	5.7	31.1	5450	27	62	5/8"	13/8"	400	1.82	230V -1	1194*630*674	3.3	1.1	4.4	64	
SOLO 45 1 6 4 G	9.2	/	8.5	46.6	5200	25	62	5/8"	13/8"	408	1.86	230V -1	1194*630*674	4.4	1.1	5.5	75	
SOLO 45 1 4 7 G	/	5.1	5.7	20.7	5600	31	62	5/8"	13/8"	396	1.80	230V -1	1194*630*674	3.3	1.1	4.4	64	
SOLO 45 1 6 7 G	/	6.7	8.5	31.1	5500	29	62	5/8"	13/8"	400	1.82	230V -1	1194*630*674	4.4	1.1	5.5	74	
SOLO 45 2 4 4 G	15.5	/	11.6	63.3	11000	31	65	5/8"	15/8"	800	3.64	230V -1	2076*630*674	6	1.6	7.6	110	
SOLO 45 2 6 4 G	20.1	/	17.3	94.9	10500	29	65	7/8"	15/8"	816	3.72	230V -1	2076*630*674	8	1.6	9.6	130	
SOLO 45 2 4 7 G	/	10.4	11.6	42.2	11400	35	65	5/8"	15/8"	792	3.60	230V -1	2076*630*674	6	1.6	7.6	109	
SOLO 45 2 6 7 G	/	13.7	17.3	63.3	11000	33	65	5/8"	21/8"	800	3.64	230V -1	2076*630*674	8	1.6	9.6	128	
SOLO 45 3 4 4 G	23.6	/	17.4	95.5	16500	35	67	7/8"	21/8"	1200	5.46	230V -1	2958*630*674	9.2	2.3	11.5	155	
SOLO 45 3 6 4 G	30.8	/	26.2	143.3	15700	33	67	7/8"	21/8"	1224	5.58	230V -1	2958*630*674	11.5	2.3	13.8	186	
SOLO 45 3 4 7 G	/	15.7	17.4	63.7	17000	39	67	7/8"	21/8"	1188	5.40	230V -1	2958*630*674	9.2	2.3	11.5	154	
SOLO 45 3 6 7 G	/	20.5	26.2	95.6	16500	37	67	7/8"	21/8"	1200	5.46	230V -1	2958*630*674	11.5	2.3	13.8	184	
SOLO 45 4 4 4 G	33.9	/	29.2	159.7	21800	38	68	11/8"	21/8"	1600	7.28	230V -1	3840*630*674	12.5	3.3	15.8	222	
SOLO 45 4 6 4 G	41	/	35.0	191.7	21000	36	68	11/8"	25/8"	1632	7.44	230V -1	3840*630*674	15	3.3	18.3	240	
SOLO 45 4 4 7 G	/	23.4	29.2	106.6	22400	42	68	11/8"	25/8"	1584	7.20	230V -1	3840*630*674	12.5	3.3	15.8	221	
SOLO 45 4 6 7 G	/	27.2	35.0	127.9	22000	40	68	11/8"	25/8"	1600	7.28	230V -1	3840*630*674	15	3.3	18.3	238	

# Pleasure Series

## Air Cooler TR30



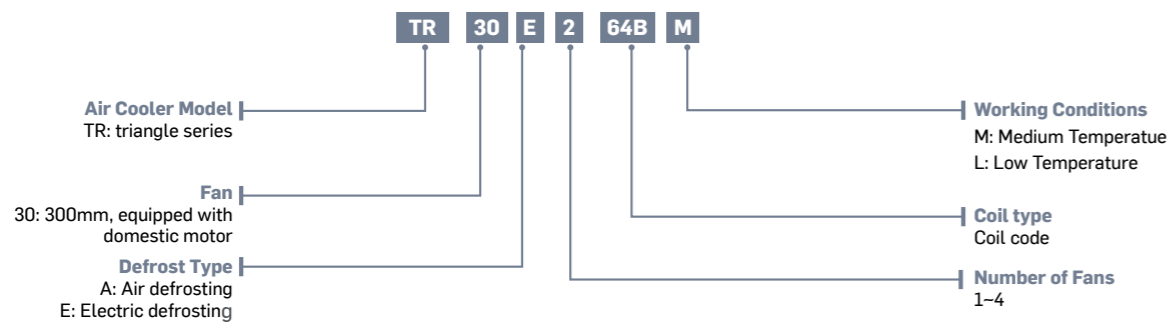
### Customer Values

- Concise structure, saving vertical installation space
- High heat transfer efficiency, energy saving and high efficiency
- Lab testing & data simulation for rigorous and reliable data
- Efficient frost melting, saving operating costs, low temperature fluctuations, ensuring the safety and freshness of goods
- Sheet metal parts have been tested for long term corrosion resistance and long life
- The motor comes with a junction box with overheat protection, ensuring safe operation
- External junction box with simple structure, easy to install and maintain

### Product Features

- Perfect surface spraying process - high hygiene standard (HACCP) powder coating on the surface Anti-corrosion and anti-rust, longer service life, easy to clean and maintain
- Surface processed with powder spray to ensure anti-corrosion and anti-rust effects of the air cooler surface.
- Surface processed with powder spray to ensure rust protection, after high pressure powder spray double coatings, the fins are easy to clean
- High efficiency copper tube fin system - corrugated fins to increase evaporative surface area by 10% and improve heat transfer efficiency

### Naming Rule of Air Cooler



### Neutral Salt Spray Test of Coil Coating

Type of anticorrosive coating	Neutral salt spray test (H)
Hydrophilic aluminum foil	500
Epoxy coating	>1500

### Application

- Fan diameter at 300mm
- 16 different models
- 1-4 fans
- Cooling capacity: 1.6 kW ~ 9.4 kW
- Applied to SC1/SC2/SC3
- Small cold storage and walk in cold storage at -18 °C ~ +10 °C

### Non-standard Option

Item	Non-standard Parts	Description
1	Coil protective coating (Epoxy coating, Hydrophilic aluminum foil, etc)	Epoxy coating: for corrosive applications Hydrophilic aluminum foil: used in high humidity, easy to frost occasions
2	EBM motor (50/60hz)	High-end motor brand
3	Max Fin Distance: 9mm	Optional harsh application conditions, reducing fin frosting
4	Wind ring heating tape	Used for harsh application, to avoid wind circle frost caused by abnormal fan

### Performance Parameters

Type: SOLO	Model SOLO				Cooling Capacity R404A				Connection		Fan			Electric Defrosting 230V -1				
	Fan Dimension (cm)	Number of Motors	Coil Rows	Fin Distance	Coil Code	SC2		SC3		Inlet Dimension	Outlet Dimension	50 Hz			External Dimension	Coil	Water Pan	Total
						Heat transfer Temperature Difference 8K	Evaporating Temperature -8°C	Heat Transfer Temperature Difference 7K	Evaporating Temperature -25°C			Input Power	Input Current	Power Supply				
TR	30	1	4	4	B	2.06	/	1.3	9.1	1/2"	5/8"	85	0.42	230V -1	794*603*326	1	0.5	1.5
TR	30	1	6	4	B	2.53	/	1.9	13.6	1/2"	5/8"	85	0.42	230V -1	794*603*326	1	0.5	1.5
TR	30	1	4	6	B	1.64	1.4	1.3	6.0	1/2"	5/8"	85	0.42	230V -1	794*603*326	1	0.5	4.4
TR	30	1	6	6	B	2.15	1.83	1.9	9.0	1/2"	5/8"	85	0.42	230V -1	794*603*326	1	0.5	5.5
TR	30	2	4	4	B	4.07	/	2.5	17.6	1/2"	7/8"	170	0.84	230V -1	1344*603*326	1.8	0.9	2.7
TR	30	2	6	4	B	5.06	/	3.7	26.4	1/2"	7/8"	170	0.84	230V -1	1344*603*326	1.8	0.9	2.7
TR	30	2	4	6	B	3.27	2.79	2.5	11.6	1/2"	7/8"	170	0.84	230V -1	1344*603*326	1.8	0.9	7.6
TR	30	2	6	6	B	4.35	3.6	3.7	17.4	1/2"	7/8"	170	0.84	230V -1	1344*603*326	1.8	0.9	9.6
TR	30	3	4	4	B	5.8	/	3.6	26.0	1/2"	7/8"	255	1.26	230V -1	1894*603*326	2.8	1.4	4.2
TR	30	3	6	4	B	7.31	/	5.5	39.0	1/2"	1 1/8"	255	1.26	230V -1	1894*603*326	2.8	1.4	4.2
TR	30	3	4	6	B	4.64	3.9	3.6	17.2	1/2"	1 1/8"	255	1.26	230V -1	1894*603*326	2.8	1.4	4.2
TR	30	3	6	6	B	6.214	5.28	5.5	25.8	1/2"	1 1/8"	255	1.26	230V -1	1894*603*326	2.8	1.4	4.2
TR	30	4	4	4	B	7.98	/	4.8	34.5	5/8"	1 1/8"	340	1.68	230V -1	2444*603*326	3.6	1.8	5.4
TR	30	4	6	4	B	9.44	/	7.2	51.7	5/8"	1 1/8"	340	1.68	230V -1	2444*603*326	3.6	1.8	5.4
TR	30	4	4	6	B	6.384	5.56	4.8	22.8	1/2"	1 3/8"	340	1.68	230V -1	2444*603*326	3.6	1.8	5.4
TR	30	4	6	6	B	8.024	7.12	7.2	34.2	5/8"	1 3/8"	340	1.68	230V -1	2444*603*326	3.6	1.8	5.4

# Coolasure Series

## Air Cooler



### Customer Values

- Adapt to the applications of frequent door opening, harsh humidity and temperature conditions
- Less fin frosting, higher melting efficiency
- Longer service life, reduced maintenance costs

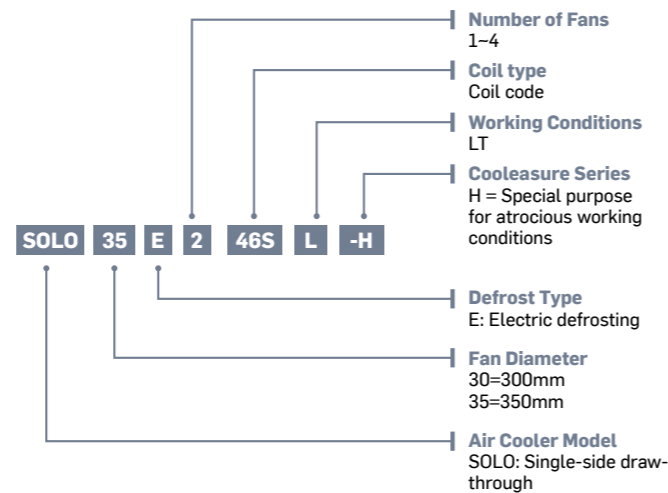
### Product Features

- Added wind heating tapes to avoid wind ring icing and ensure normal motor operation
- Optimized heat exchanger fin spacing, improving frosting and ensuring the good performance of the heat exchanger
- Hydrophilic aluminum foils for fins, effectively reducing frost accumulation
- Unique logo design, distinguishing from the traditional chiller models

### Applicable Working Conditions

- Cold storage where doors are opened and closed frequently or left open for long periods
- Occasions such as basements located in the southern humid environment and high ambient humidity
- Refrigerated warehouse panels sharpened by the renovation store
- Need to be installed near the door due to space constraints

### Naming Rule of Air Cooler

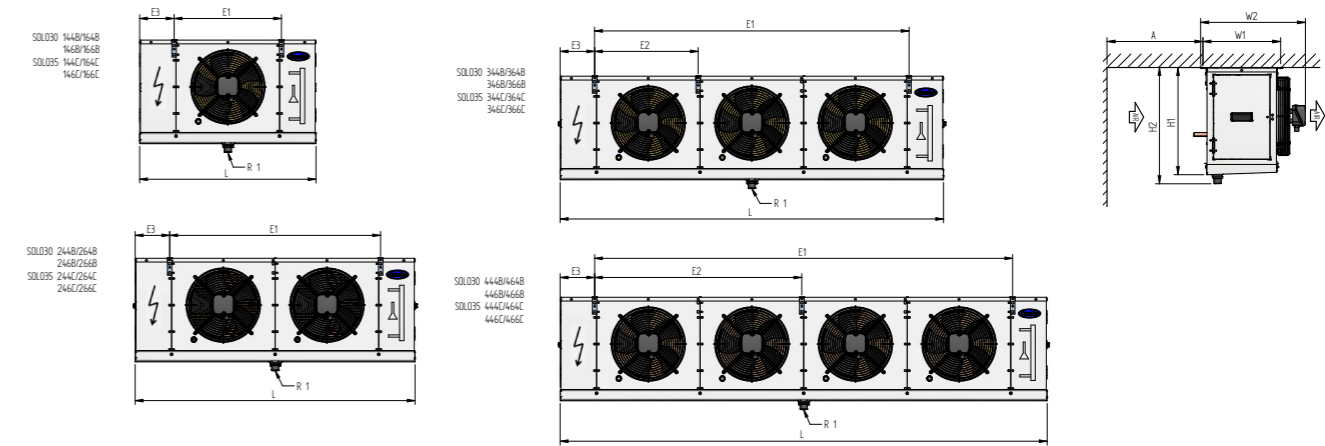


General air cooler



Coolasure Series air cooler

### Dimensions of SOLO



### Performance Parameters (SOLO 30/35)

Type	DUO 35 Model	Model					Cooling Capacity R404A			Connection			Fan 50 Hz					
		Fan Dimension (Cm)	Number of Motors	Coil Rows	Fin Distance	Coil Code	SC3			SC3			Rotation Speed	Input Power	Input Current	Power Supply		
							Atrocious Working Conditions	Heat transfer Temperature Difference 7K	Evaporating Temperature -25°C	Pipeline Volume	Heat Exchange Area	Air Volume					Air Throw	Sound Pressure
kW	dm <sup>3</sup>	m <sup>2</sup>	m <sup>3</sup> /h	m	dB(A)	inch	inch	min <sup>-1</sup>	W	A	V							
SOLO	30	1	4	9	F	-H	1.26	2	3.8	1565	9	57	1/2"	5/8"	1367	85	0.4	230V -1
SOLO	30	2	4	9	F	-H	2.57	3.9	8.3	3128	10	60	1/2"	5/8"	1367	170	0.8	230V -1
SOLO	35	1	4	9	S	-H	1.76	2.5	5	2683	12	63	1/2"	5/8"	1337	163	0.8	230V -1
SOLO	35	1	6	9	S	-H	2.30	3.8	7.5	2562	11	63	1/2"	5/8"	1320	163	0.8	230V -1
SOLO	35	2	4	9	S	-H	3.41	4.8	10	5366	14	66	1/2"	7/8"	1337	326	1.6	230V -1
SOLO	35	2	6	9	S	-H	4.65	7.2	15	5124	13	66	1/2"	7/8"	1320	326	1.6	230V -1
SOLO	35	3	4	9	S	-H	5.26	7.2	16	8048	15	68	5/8"	1 1/8"	1337	489	2.4	230V -1
SOLO	35	3	6	9	S	-H	6.96	11	23	7687	14	68	5/8"	1 1/8"	1320	489	2.4	230V -1
SOLO	35	4	4	9	S	-H	7.13	9.5	21	10731	16	69	5/8"	1 1/8"	1337	652	3.2	230V -1
SOLO	35	4	6	9	S	-H	9.30	14	32	10249	15	69	5/8"	1 1/8"	1320	652	3.2	230V -1

Model	External Dimension									Electric Defrosting				Weight
	L	W1	W2	H1	H2	E1	E2	E3	A	230V - 1				Net Weight
										Coil	Water Pan	Heater Tape	Total	P
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	W	W	W	kW	kg
SOLO30E149FL-H	790	340	460	470	510	485	-	155	420	750	300	128	1.18	31
SOLO30E249FL-H	1265	340	460	470	510	950	-	155	420	2100	500	256	2.86	34
SOLO35E149SL-H	840	340	460	520	560	535	-	155	420	1500	350	110	1.96	30
SOLO35E169SL-H	840	340	460	520	560	535	-	155	420	1500	350	110	1.96	32
SOLO35E249SL-H	1365	340	460	520	560	1050	-	155	420	2250	550	220	3.02	50
SOLO35E269SL-H	1365	340	460	520	560	1050	-	155	420	2250	550	220	3.02	55
SOLO35E349SL-H	1880	340	460	520	560	1570	520	155	420	3150	750	330	4.23	67
SOLO35E369SL-H	1880	340	460	520	560	1570	520	155	420	3150	750	330	4.23	78
SOLO35E449SL-H	2395	340	460	520	560	2085	1035	155	420	4200	950	440	5.59	88
SOLO35E469SL-H	2395	340	460	520	560	2085	1035	155	420	4200	950	440	5.59	100

