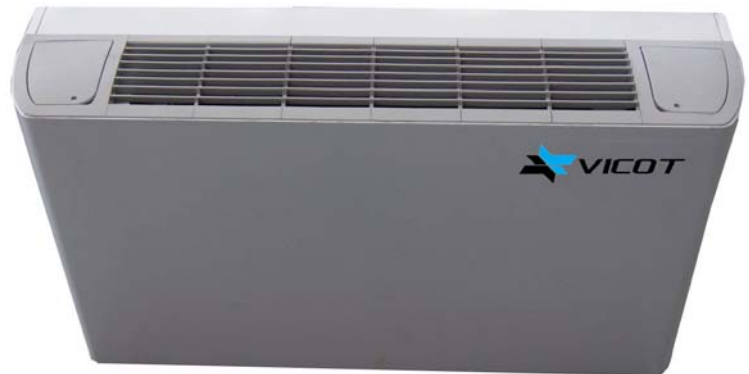
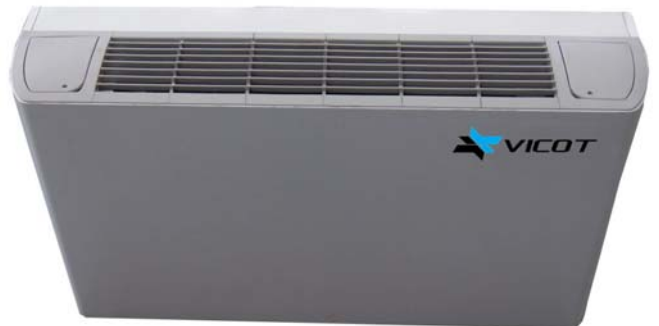




Fan Coil Unit





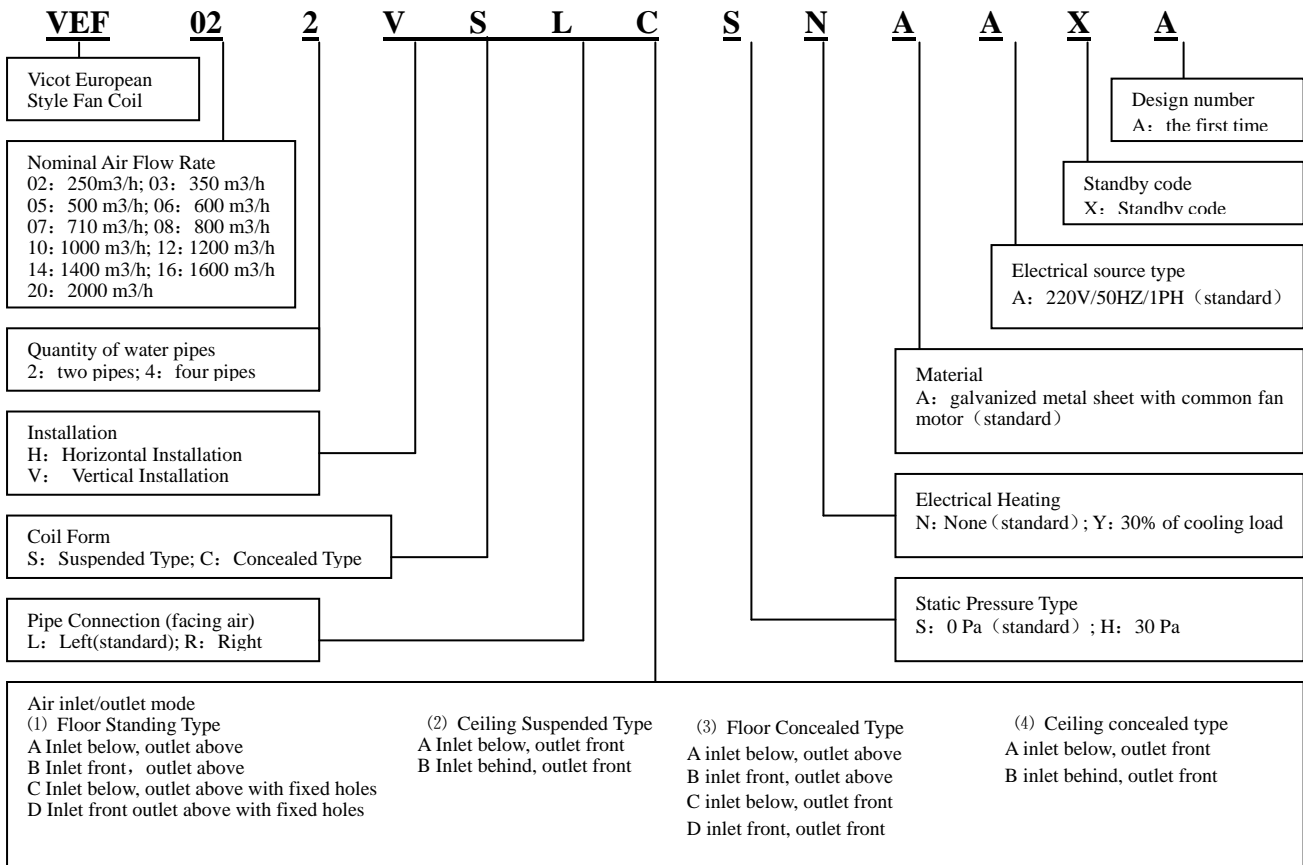
Brief Introduction

Vicot Fan Coil Units include cabinet, horizontal, suspended, concealed, super thin and IAQ units, etc, which can be chosen by customers according to room structure, quantity of loading and decorate character.

- **Casing**---Galvanized sheet metal with white gray plastic coating.
- **Grill**---Plastic modular and adjustable grills for adjustment of airflow.
- **Fan section**---Electronically balanced centrifugal fans galvanized metal wheels and screw, independent from main structure for easy removal.
- **Motor**---Single-phase with overload protection; three-speed.
- **Coils**---Countercurrent with copper tube and aluminum fins with hydrophilic oxidation film; three rows.
- **Condensate drain pan**---Pressing molded, with heat insulation material; easy discharge of condensing water.
- **Air filter**---Made from nylon, washable, easy to remove for cleaning.
- **Control box**---Plastic box; high/med/low adjustable; easy to install and maintain.

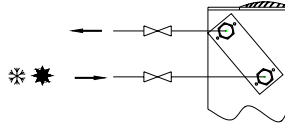


Nomenclature



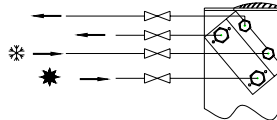
Performance Technical Data

1. Units with 1 coil (2-pipes system)



Item		VEF022	VEF032	VEF052	VEF062	VEF072	VEF082	VEF102	VEF122	VEF142	VEF162	VEF202	
Air flow	m ³ /h	298	428	619	671	813	988	1058	1480	1560	1983	2250	
	CFM	175	252	364	395	478	581	622	871	918	1166	1324	
Cooling capacity	Total	kW	1.440	2.060	2.980	3.500	4.020	4.500	5.310	6.870	7.460	8.610	10.610
	Sensible	kW	1.120	1.690	2.410	2.730	3.230	3.510	4.250	5.360	5.930	6.760	8.600
Heating capacity ①	kW	2.440	3.403	5.299	5.763	6.372	7.813	9.211	11.295	12.112	15.587	17.292	
Heating capacity ②	kW	2.928	4.084	6.359	6.916	7.646	9.376	11.053	13.554	14.534	18.704	20.750	
Cooling water flow	l/h	246	365	520	600	699	760	930	1230	1333	1500	1848	
Heating water flow	l/h	210	300	456	496	548	672	792	972	1042	1340	1487	
Water pressure drop	Cooling	kPa	5.2	12.3	9.3	12.4	16.8	21.6	32.5	32.5	20.5	28.0	44.5
	Heating	kPa	4.8	11.5	9.0	11.5	15.2	19.3	30.4	31.4	18.4	26.5	42.4
Sound level	max	33	34	36	37	39	43	44	44	46	47	49	
	med	27	28	28	29	33	37	38	39	41	42	45	
	min	22	23	24	24	27	29	30	32	32	32	34	
Dimension	L(mm)	758	908	958	1058	1108	1208	1308	1408	1608	1608	1908	
	A(mm)	448	598	648	748	798	898	998	1098	1298	1298	1598	
	B(mm)	472	622	672	772	822	922	1022	1122	1322	1322	1622	

2. Units with 2coils (4-pipes system)



Item		VEF024	VEF034	VEF054	VEF064	VEF074	VEF084	VEF104	VEF124	VEF144	VEF164	VEF204	
Air flow	m ³ /h	298	428	619	671	813	988	1058	1480	1560	1983	2250	
	CFM	175	252	364	395	478	581	622	871	918	1166	1324	
Cooling capacity	Total	kW(max)	1.240	1.750	2.270	2.940	3.140	3.690	4.490	5.220	5.970	7.450	9.770
	Sensible	kW(max)	1.020	1.440	1.870	2.410	2.580	3.020	3.680	4.280	4.890	6.100	8.010
Heating capacity ①	kW(max)	1.450	2.050	2.660	3.440	3.670	4.320	5.250	6.100	6.990	8.720	11.440	
Heating capacity ②	kW(max)	1.740	2.460	3.200	4.130	4.400	5.200	6.300	7.300	8.400	10.500	13.730	
Cooling water flow	l/h	213	301	390	506	540	635	772	898	1027	1281	1680	
Heating water flow	l/h	125	176	229	296	316	371	451	525	601	750	984	
Water pressure drop	Cooling	kPa	5.2	12.3	9.3	12.4	16.8	21.6	32.5	32.5	20.5	28	44.5
	Heating	kPa	6.4	14.3	10.5	13.6	18.5	22.6	33.8	33.8	22.2	29.2	45.4
Sound level	max	33	34	36	37	39	43	44	44	46	47	49	
	med	27	28	28	29	33	37	38	39	41	42	45	
	min	22	23	24	24	27	29	30	32	32	32	34	
Dimension	L(mm)	758	908	958	1058	1108	1208	1308	1408	1608	1608	1908	
	A(mm)	448	598	648	748	798	898	998	1098	1298	1298	1598	
	B(mm)	472	622	672	772	822	922	1022	1122	1322	1322	1622	







3. Air flow and cooling/heating capacities reductions

External static pressure		0Pa	20Pa	40Pa	60Pa	0Pa	20Pa	40Pa	60Pa	0Pa	20Pa	40Pa	60Pa
Model	speed	VEF22-52		VEF24-54		VEF62-102		VEF64-104		VEF122-202		VEF124-204	
Total cooling capacity	max	1	0.94	0.78	—	1	0.96	0.88	0.71	1	0.97	0.93	0.85
	med	0.91	0.83	0.51	—	0.92	0.88	0.77	—	0.93	0.91	0.86	0.75
	min	0.75	0.63	—	—	0.77	0.72	0.55	—	0.81	0.78	0.73	0.57
Sensible cooling capacity	max	1	0.92	0.73	—	1	0.95	0.85	0.64	1	0.97	0.91	0.82
	med	0.89	0.79	0.42	—	0.90	0.84	0.71	—	0.91	0.88	0.82	0.69
	min	0.69	0.55	—	—	0.72	0.65	0.46	—	0.76	0.73	0.66	0.48
Heating capacity	max	1	0.93	0.74	—	1	0.95	0.86	0.66	1	0.97	0.92	0.83
	med	0.89	0.80	0.45	—	0.91	0.85	0.73	—	0.92	0.89	0.83	0.71
	min	0.71	0.58	—	—	0.74	0.68	0.49	—	0.77	0.74	0.68	0.50
Air flow	max	1	0.88	0.61	—	1	0.92	0.78	0.5	1	0.95	0.87	0.73
	med	0.83	0.69	0.26	—	0.85	0.77	0.59	—	0.87	0.82	0.74	0.56
	min	0.57	0.40	—	—	0.60	0.52	0.30	—	0.65	0.61	0.53	0.32

Note: Cooling standard condition: Air inlet temperature D.B. t(d)=27°C, W.B. t(w)=19.5°C; water inlet temperature t=7°C, water outlet temperature: t=12°C, water inlet and outlet temperature difference: t=5°C. Heating standard condition: Air inlet temperature D.B. t(d)=21°C; ① heat water input temperature: t=60°C; water outlet temperature: t=50°C, difference: t=10°C; ② heat water input temperature: t=70°C, the same water flow as ①.







Noise figure is what we test where is 1m far from each unit surface.

Dimension & Weight
1. Suspended 2-pipes system

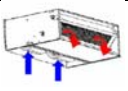
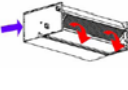
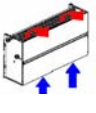
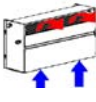


VSLA	mm	VEF022	VEF032	VEF052	VEF062	VEF072	VEF082	VEF102	VEF122	VEF142	VEF162	VEF202
	L	758	908	958	1058	1108	1208	1308	1408	1608	1608	1908
	H	473	473	473	473	473	473	473	473	473	473	473
	S	235	235	235	235	235	235	235	235	235	235	235
	kg	16	18	20	21	23	25	27	30	34	34	37
VSLB		VEF022	VEF032	VEF052	VEF062	VEF072	VEF082	VEF102	VEF122	VEF142	VEF162	VEF202
	L	758	908	958	1058	1108	1208	1308	1408	1608	1608	1908
	H	473	473	473	473	473	473	473	473	473	473	473
	S	235	235	235	235	235	235	235	235	235	235	235
	kg	16	18	20	21	23	25	27	30	34	34	37
VSLC		VEF022	VEF032	VEF052	VEF062	VEF072	VEF082	VEF102	VEF122	VEF142	VEF162	VEF202
	L	758	908	958	1058	1108	1208	1308	1408	1608	1608	1908
	H	473	473	473	473	473	473	473	473	473	473	473
	S	235	235	235	235	235	235	235	235	235	235	235
	kg	17	19	21	22	24	26	28	31	35	35	38
VSLD		VEF022	VEF032	VEF052	VEF062	VEF072	VEF082	VEF102	VEF122	VEF142	VEF162	VEF202
	L	758	908	958	1058	1108	1208	1308	1408	1608	1608	1908
	H	473	473	473	473	473	473	473	473	473	473	473
	S	235	235	235	235	235	235	235	235	235	235	235
	kg	17	19	21	22	24	26	28	31	35	35	38
HSLA		VEF022	VEF032	VEF052	VEF062	VEF072	VEF082	VEF102	VEF122	VEF142	VEF162	VEF202
	L	758	908	958	1058	1108	1208	1308	1408	1608	1608	1908
	H	473	473	473	473	473	473	473	473	473	473	473
	S	235	235	235	235	235	235	235	235	235	235	235
	kg	16	18	20	21	23	25	27	30	34	34	37
HSLB		VEF022	VEF032	VEF052	VEF062	VEF072	VEF082	VEF102	VEF122	VEF142	VEF162	VEF202
	L	758	908	958	1058	1108	1208	1308	1408	1608	1608	1908
	H	473	473	473	473	473	473	473	473	473	473	473
	S	235	235	235	235	235	235	235	235	235	235	235
	kg	16	18	20	21	23	25	27	30	34	34	37

Note: With legs, the height will be 100mm higher.

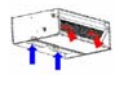
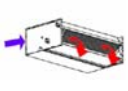
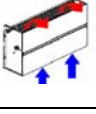
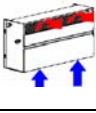


3. Concealed 2-pipes system

VSLA		VEF024	VEF034	VEF054	VEF064	VEF074	VEF084	VEF104	VEF124	VEF144	VEF164	VEF204
	L	758	908	958	1058	1108	1208	1308	1408	1608	1608	1908
	H	473	473	473	473	473	473	473	473	473	473	473
	S	235	235	235	235	235	235	235	235	235	235	235
	kg	18	20	22	23	25	27	29	30	34	34	37
VSLB		VEF024	VEF034	VEF054	VEF064	VEF074	VEF084	VEF104	VEF124	VEF144	VEF164	VEF204
	L	758	908	958	1058	1108	1208	1308	1408	1608	1608	1908
	H	473	473	473	473	473	473	473	473	473	473	473
	S	235	235	235	235	235	235	235	235	235	235	235
	kg	18	20	22	23	25	27	29	30	34	34	37
VSLC		VEF024	VEF034	VEF054	VEF064	VEF074	VEF084	VEF104	VEF124	VEF144	VEF164	VEF204
	L	758	908	958	1058	1108	1208	1308	1408	1608	1608	1908
	H	473	473	473	473	473	473	473	473	473	473	473
	S	235	235	235	235	235	235	235	235	235	235	235
	kg	18	20	22	23	25	27	29	30	34	34	37
VSLD		VEF024	VEF034	VEF054	VEF064	VEF074	VEF084	VEF104	VEF124	VEF144	VEF164	VEF204
	L	758	908	958	1058	1108	1208	1308	1408	1608	1608	1908
	H	473	473	473	473	473	473	473	473	473	473	473
	S	235	235	235	235	235	235	235	235	235	235	235
	kg	19	21	23	24	26	28	30	31	35	35	38
HSLA		VEF024	VEF034	VEF054	VEF064	VEF074	VEF084	VEF104	VEF124	VEF144	VEF164	VEF204
	L	758	908	958	1058	1108	1208	1308	1408	1608	1608	1908
	H	473	473	473	473	473	473	473	473	473	473	473
	S	235	235	235	235	235	235	235	235	235	235	235
	kg	18	20	22	23	25	27	29	30	34	34	37
HSLB		VEF024	VEF034	VEF054	VEF064	VEF074	VEF084	VEF104	VEF124	VEF144	VEF164	VEF204
	L	758	908	958	1058	1108	1208	1308	1408	1608	1608	1908
	H	473	473	473	473	473	473	473	473	473	473	473
	S	235	235	235	235	235	235	235	235	235	235	235
	kg	18	20	22	23	25	27	29	30	34	34	37

4. Concealed 4-pipes system

HCLA		VEF022	VEF032	VEF052	VEF062	VEF072	VEF082	VEF102	VEF122	VEF142	VEF162	VEF202
	L	498	648	698	798	848	948	1048	1148	1348	1348	1648
	H	460	460	460	460	460	460	460	460	460	460	460
	S	230	230	230	230	230	230	230	230	230	230	230
	kg	15	16	18	19	20	22	24	28	34	34	37
HCLB		VEF022	VEF032	VEF052	VEF062	VEF072	VEF082	VEF102	VEF122	VEF142	VEF162	VEF202
	L	498	648	698	798	848	948	1048	1148	1348	1348	1648
	H	460	460	460	460	460	460	460	460	460	460	460
	S	230	230	230	230	230	230	230	230	230	230	230
	kg	15	16	18	19	20	22	24	28	34	34	37
VCLA		VEF022	VEF032	VEF052	VEF062	VEF072	VEF082	VEF102	VEF122	VEF142	VEF162	VEF202
	L	498	648	698	798	848	948	1048	1148	1348	1348	1648
	H	460	460	460	460	460	460	460	460	460	460	460
	S	230	230	230	230	230	230	230	230	230	230	230
	kg	15	16	18	19	20	22	24	28	34	34	37
VCLB		VEF022	VEF032	VEF052	VEF062	VEF072	VEF082	VEF102	VEF122	VEF142	VEF162	VEF202
	L	498	648	698	798	848	948	1048	1148	1348	1348	1648
	H	460	460	460	460	460	460	460	460	460	460	460
	S	230	230	230	230	230	230	230	230	230	230	230
	kg	15	16	18	19	20	22	24	28	34	34	37
VCLC		VEF022	VEF032	VEF052	VEF062	VEF072	VEF082	VEF102	VEF122	VEF142	VEF162	VEF202
	L	498	648	698	798	848	948	1048	1148	1348	1348	1648
	H	460	460	460	460	460	460	460	460	460	460	460
	S	230	230	230	230	230	230	230	230	230	230	230
	kg	15	16	18	19	20	22	24	28	34	34	37
VCLD		VEF022	VEF032	VEF052	VEF062	VEF072	VEF082	VEF102	VEF122	VEF142	VEF162	VEF202
	L	498	648	698	798	848	948	1048	1148	1348	1348	1648
	H	460	460	460	460	460	460	460	460	460	460	460
	S	230	230	230	230	230	230	230	230	230	230	230
	kg	15	16	18	19	20	22	24	28	34	34	37

As part of our continuous product improvement, vicot reserves the right to change specifications and design without prior notice.
 This brochure does not constitute an offer for sale of any product.

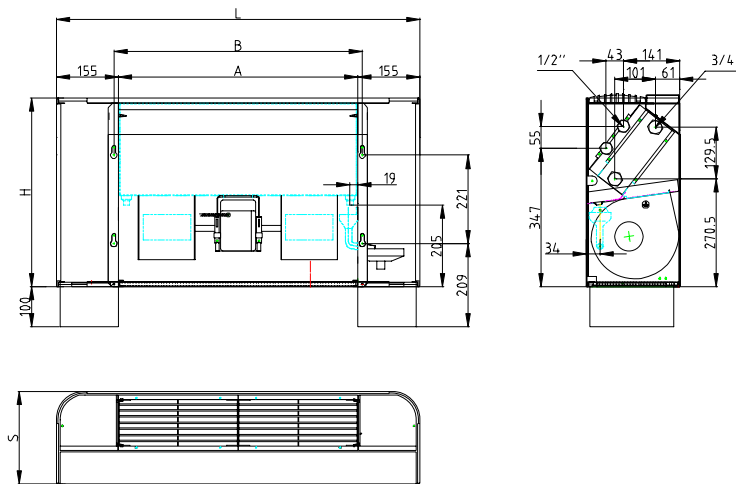
HCLA		VEF024	VEF034	VEF054	VEF064	VEF074	VEF084	VEF104	VEF124	VEF144	VEF164	VEF204
	L	498	648	698	798	848	948	1048	1148	1348	1348	1648
	H	460	460	460	460	460	460	460	460	460	460	460
	S	230	230	230	230	230	230	230	230	230	230	230
	kg	17	18	20	21	22	24	26	30	36	36	39
HCLB		VEF024	VEF034	VEF054	VEF064	VEF074	VEF084	VEF104	VEF124	VEF144	VEF164	VEF204
	L	498	648	698	798	848	948	1048	1148	1348	1348	1648
	H	460	460	460	460	460	460	460	460	460	460	460
	S	230	230	230	230	230	230	230	230	230	230	230
	kg	17	18	20	21	22	24	26	30	36	36	39
VCLA		VEF024	VEF034	VEF054	VEF064	VEF074	VEF084	VEF104	VEF124	VEF144	VEF164	VEF204
	L	498	648	698	798	848	948	1048	1148	1348	1348	1648
	H	460	460	460	460	460	460	460	460	460	460	460
	S	230	230	230	230	230	230	230	230	230	230	230
	kg	17	18	20	21	22	24	26	30	36	36	39
VCLB		VEF024	VEF034	VEF054	VEF064	VEF074	VEF084	VEF104	VEF124	VEF144	VEF164	VEF204
	L	498	648	698	798	848	948	1048	1148	1348	1348	1648
	H	460	460	460	460	460	460	460	460	460	460	460
	S	230	230	230	230	230	230	230	230	230	230	230
	kg	17	18	20	21	22	24	26	30	36	36	39
VCLC		VEF024	VEF034	VEF054	VEF064	VEF074	VEF084	VEF104	VEF124	VEF144	VEF164	VEF204
	L	498	648	698	798	848	948	1048	1148	1348	1348	1648
	H	460	460	460	460	460	460	460	460	460	460	460
	S	230	230	230	230	230	230	230	230	230	230	230
	kg	17	18	20	21	22	24	26	30	36	36	39
VCLD		VEF024	VEF034	VEF054	VEF064	VEF074	VEF084	VEF104	VEF124	VEF144	VEF164	VEF204
	L	498	648	698	798	848	948	1048	1148	1348	1348	1648
	H	460	460	460	460	460	460	460	460	460	460	460
	S	230	230	230	230	230	230	230	230	230	230	230
	kg	17	18	20	21	22	24	26	30	36	36	39

Optional accessories

- ★ water side copper ball filter
- ★ electric 2-way valve
- ★ indoor temperature controller
- ★ electric 3-way valve

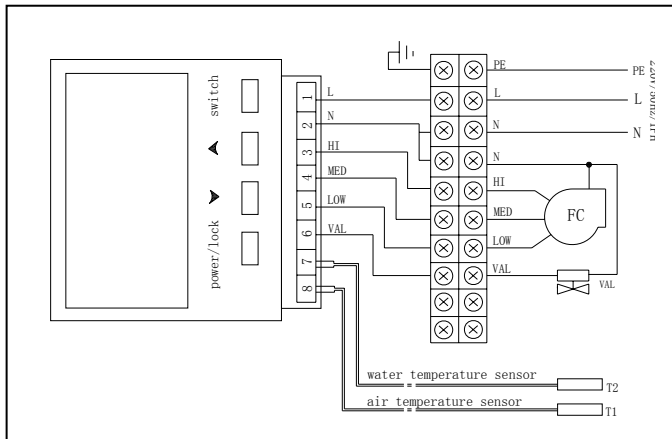
The rule of judging tubing's direction

Facing air, if the tubing on the left, it is left style, contrarily, it is right



Electric connection

(1) Fan motor three stages control
 cooling two-way valve



(2) Fan motor three stages control, cooling and
 heating two-way valve

