

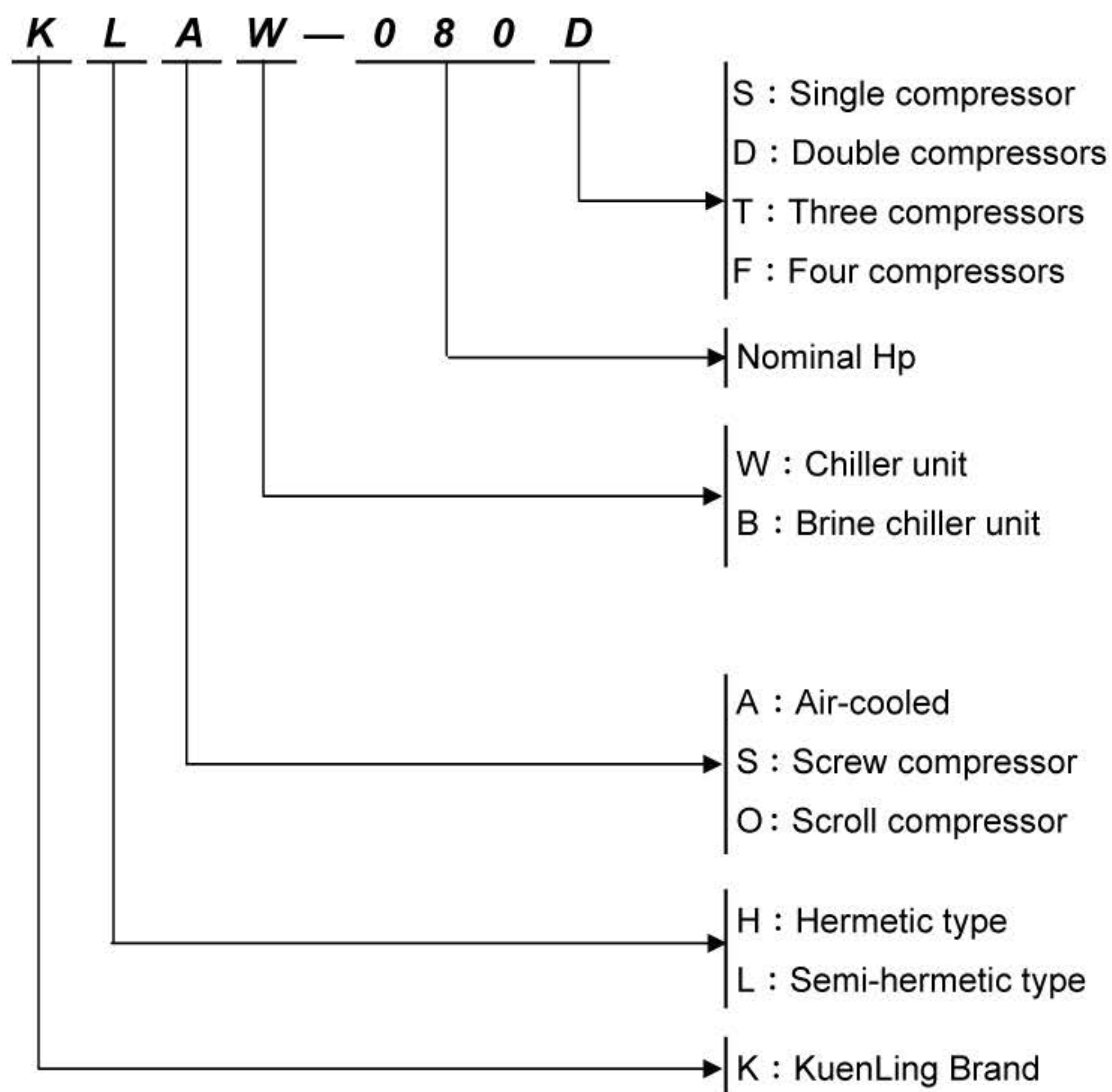


R-22/R-134a

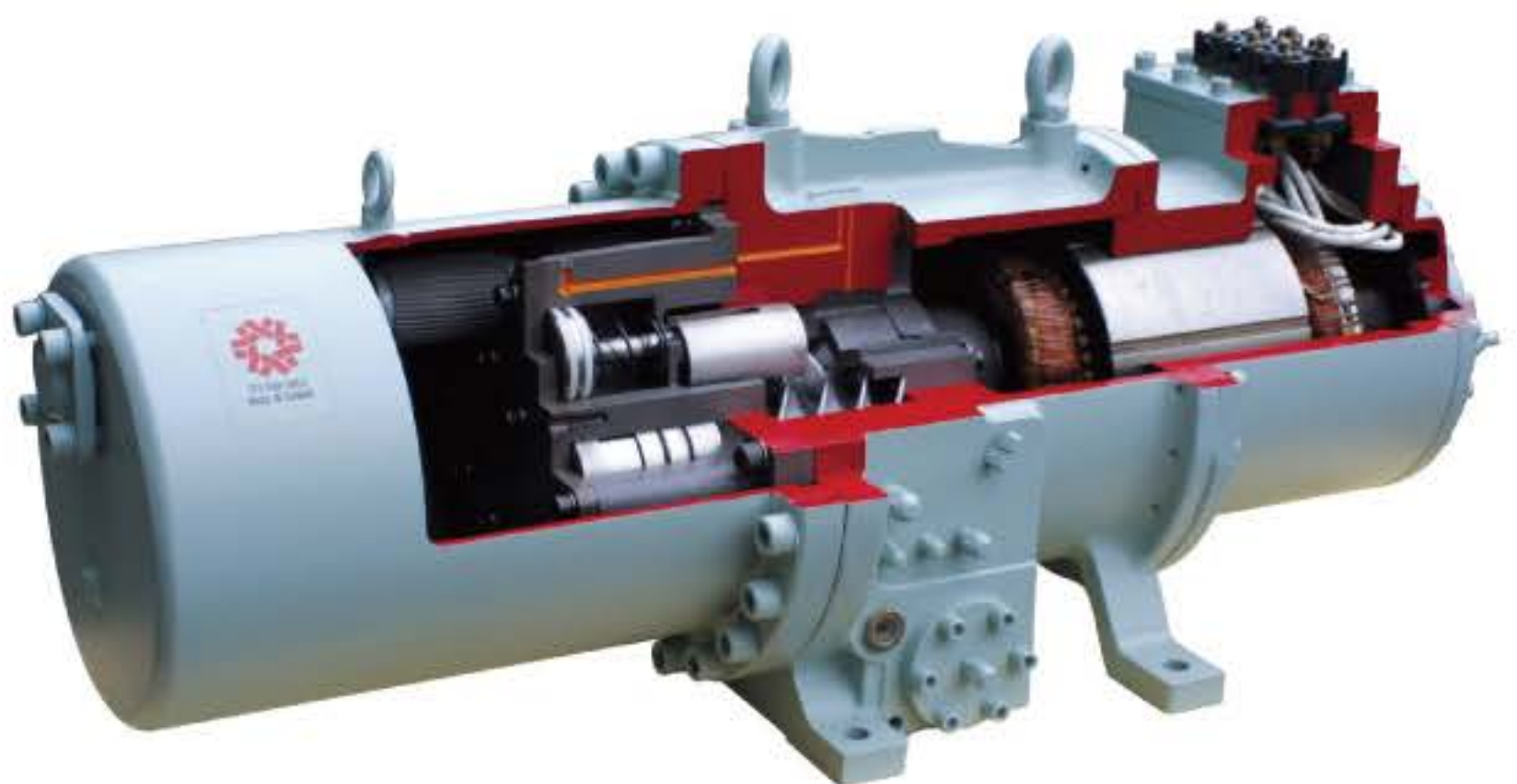
Air-cooled / Water-cooled Chiller Units



Nomenclature



Hermetic scroll compressor



Semi-hermetic screw compressor

Introduction of Chiller Units



Air cooled Chiller Unit(Side-blast type)

R-22	KHAW-005S~015S
	KHAW-015D



Air-cooled Chiller Unit(Raked-blast type)

R-22	KHAW-020D~030D
------	----------------



Air-cooled Chiller Unit(Up-blast type)

R-22	KHAW-015D~030D	KLAW-050S~060S
	KHAW-040T	KLAW-080D~240D
	KHAW-050~060F	



Water-cooled Chiller Unit(Scroll type)

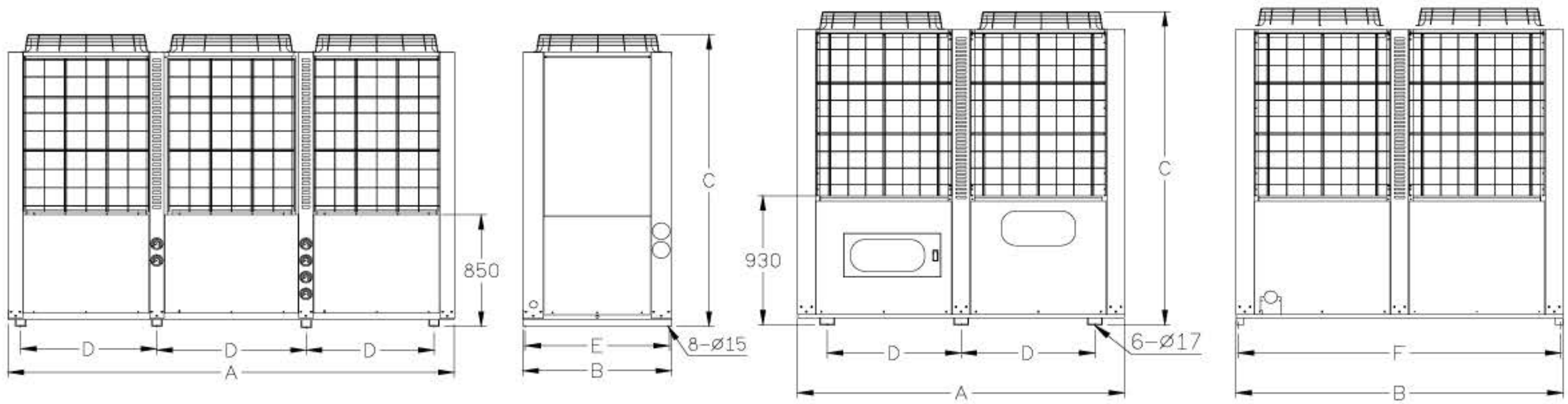
R-22	KHOW-05S~15S
	KHOW-20D~30D
	KHOW-40T~45T
	KHOW-50F~60F



Water-cooled Chiller Unit(Screw type)

R-134a	KLSW-040S~125S
	KLSW-080D~250D
R-22	KLSW-040S~200S
	KLSW-080D~400D

Air-Cooled Chiller Units



Specifications

model			KHAW-040T	KHAW-050F	KHAW-060F
Item					
Power supply			3Φ-380V/415V-50Hz		
Refrigerating capacity		kcal/hr	94,500	126,000	151,200
Temperature range			Ambit Temp. 10℃~37℃ ; Chiller water Temp. 4℃~16℃		
Power consumption		kW	34.0	45.2	53.6
380V Running ampere		A	60.1	79.9	94.7
415V Running ampere		A	55.0	73.1	86.7
380V Starting ampere		A	200	227	270
415V Starting ampere		A	183	208	247
Capacity control		%	0,33,66,100	0,25,50,75,100	
Compressor	Type		Scroll		
	Quantity		3	4	
	Starting method		Sequential starting		
	Revolution	r.p.m	2950		
	Out put	kW	9.3×3	9.3×4	11.2×4
	Input	kW	10.2x3	10.2x4	12.3x4
	Crankcase heater	W	62x3	62x4	
Refrigeration oil	Type		SUNISO 3GS		
	Quantity	L	4.1x3	4.1x4	
Refrigerant	Type		R-22		
	Quantity	kg	6x3	7.5x4	9x4
	Control		Thermostatic expansion valve		
Chiller	Type		Shell and tube		
	Pipe size		PT3		
	Water flow rate	m³/h	18.9	25.2	30.24
	Head loss	m	4.5	4.5	5
Fan	Draft Direction		Up-blast type		
	Type		Propeller type		
	O.P.×Quantity	kW	0.59x3	0.59x4	
	Input	kW	1.1x3	1.1x4	
	Air flow rate	m³/min	750	1000	
Protection devices			High / low pressure switch,chilled water low temp switch,thermal overload,thermostat.		
Dimensions	A	mm	3000	2200	
	B	mm	1000	2200	
	C	mm	2100	2250	
	D	mm	915 / 950 / 915	900	
	E	mm	970	2170	
Net weight		kg	1000	1600	1800
Operating weight		kg	1100	1720	1950

Note: 1. Nominal cooling capacity conditions : chilled water inlet temp 12℃, outlet temp 7℃,Ambit temperature. 35℃DB , 24℃WB,Fouling factor :0.000018m²℃/W..

2. Specifications are subject to change without notice for further improvement.

3. If you have any special requirement , please inform us before placing order.

Water-Cooled Chiller Units

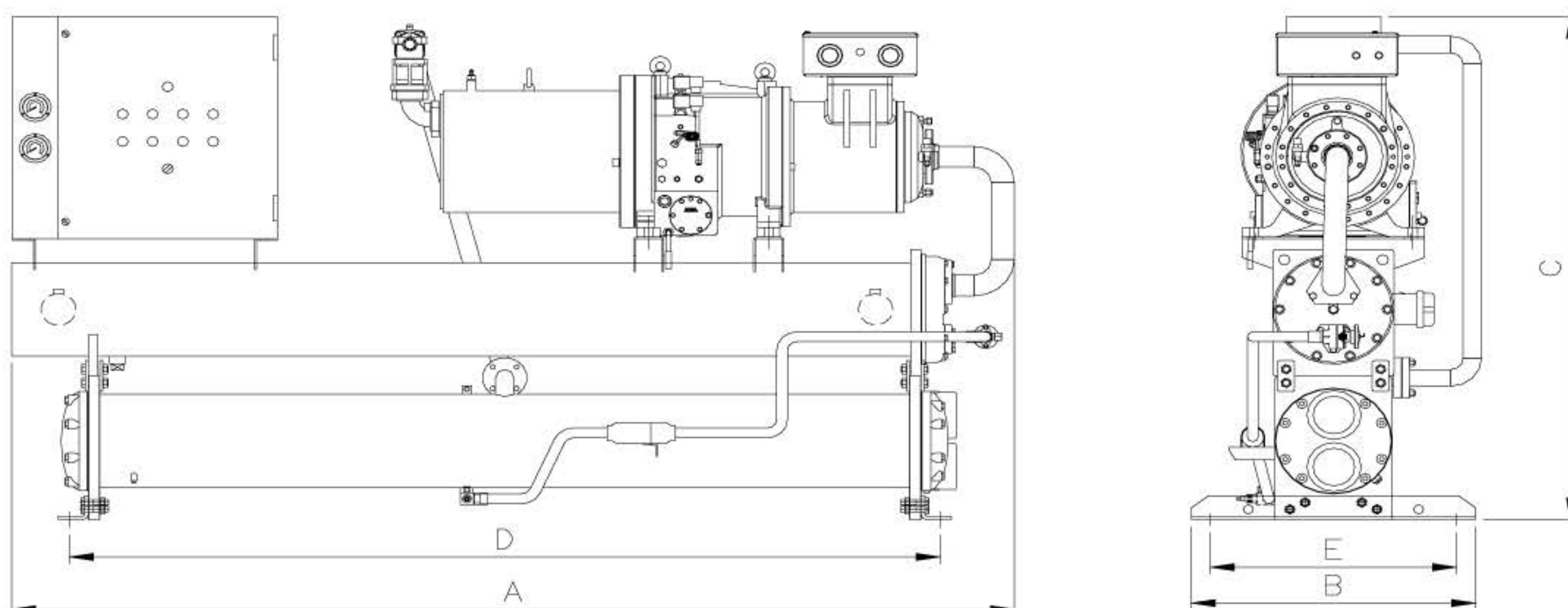
R-22

Specifications

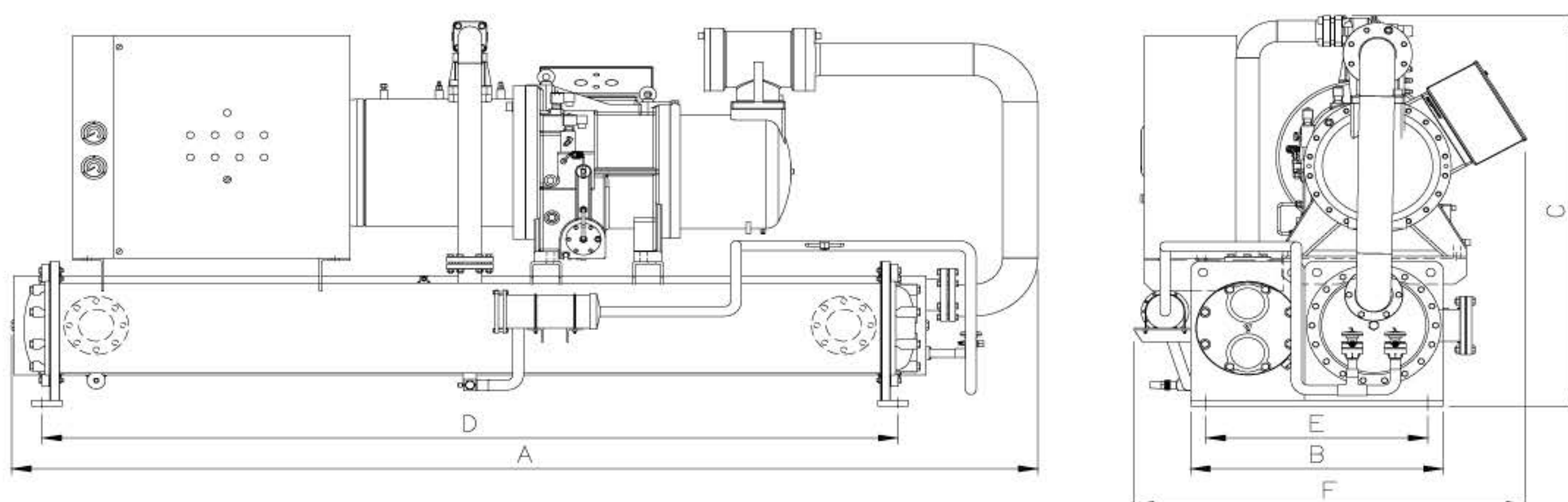
Item \ model		KLSW-040S	KLSW-050S	KLSW-060S	KLSW-080S
Power supply		3Φ - 380V/415V-50Hz			
Cooling capacity	kcal/hr	124,000	151,500	181,500	242,000
	USRT	41	50	60	80
Power consumption	kW	33.2	41.0	47.8	63.1
380V Running ampere	A	58.3	72.0	84.0	110.8
415V Running ampere	A	53.4	65.9	76.9	101.5
380V Starting ampere	A	350	432	504	665
415V Starting ampere	A	320	396	461	609
Capacity control	%	0,50,75,100			
Compressor	Type	Screw			
	Quantity	1			
	Starting method	Y-Δ			
	Revolution	r.p.m 2950			
	Crankcase heater	kW 150			300
Refrigeration oil	Type	SUNISO 4GS			
	Quantity	L 9	11	11	13
Refrigerant	Type	R-22			
	Quantity	kg 24	30	36	48
	Control	Thermostatic expansion valve			
Chiller	Type	Shell and tube			
	Quantity	1			
	Water flow rate	m³/h 24.8	30.3	36.3	48.4
	Head loss	m 4.8	4.8	4.4	3.6
	Pipe size	PT3	PT3	PT3	4B
Condenser	Type	Shell and tube			
	Quantity	1			
	Water flow rate	m³/h 30.5	37.4	44.5	59.3
	Head loss	m 3.3	4.0	4.0	4.0
	Pipe size	PT3	PT3	PT4	PT4
Protection devices		High/low pressure switch, chilled water low temp switch, fusible plug, thermal overload, compressor internal thermostat, thermostat, phase reversal relay .			

Note: 1. Nominal cooling capacity conditions : chilled water inlet temp. 12°C, outlet temp. 7°C ,Fouling factor :0.000018m²C/W.
cooling water inlet temp. 30°C, outlet temp. 35°C,Fouling factor :0.000044m²C/W.

- Specifications are subject to change without notice for further improvement.
- If you have any special requirment,please inform us before placing roder.



Model			KLSW-040S	KLSW-050S	KLSW-060S
Dimensions	A	mm	2550	2550	2700
	B	mm	750	750	750
	C	mm	1400	1500	1500
	D	mm	2100	2100	2300
	E	mm	650	650	650
	F	mm	-	-	-
Net weight		kg	1000	1300	1300
Operating weight		kg	1100	1450	1500



Model			KLSW-080S	KLSW-100S	KLSW-120S	KLSW-160S	KLSW-200S
Dimensions	A	mm	2900	3150	3450	3350	3700
	B	mm	700	820	820	950	1050
	C	mm	1350	1450	1450	1550	1650
	D	mm	2450	2450	2780	2780	3080
	E	mm	600	720	720	850	950
	F	mm	1050	1300	1300	1450	1550
Net weight		kg	1850	1900	2000	3500	3650
Operating weight		kg	2150	2080	2250	3750	3940

Import from Taiwan

高雄廠 Kaohsiung Factory

公司: 高雄市三民區吉林街139巷12號
高雄廠/ Add.: 高雄縣梓官鄉赤崁北路336號
No.336, Chih Kan N.Rd., Tzu Kuan
Hsiang, Kaohsiung Hsien, Taiwan
電話/TEL.: +886-7-6192345
傳真/FAX.: +886-7-6193583
E-mail: klmain@kuenling.com.tw
http://www.kuenling.com.tw



上海廠 Shanghai Factory

地址 Add.: 上海市松江區九亭鎮杜巷村
松江高科技園區608號
No. 608 Songjiang High-Tech Park,
DuXiang, JiuTing, SongJiang Shanghai, China
電話/TEL.: +86-21-67696169
傳真/FAX.: +86-21-67696139
E-mail: cmk@kuenling.com
http://www.kuenling.com

蘇州廠 Suzhou Factory

地址 Add.: 江蘇省吳江經濟開發區江興東路999號
No. 999, Jiangxing East Road Economic
Development District Wujiang Jiangsu, China
電話/TEL.: +86-512-63406188
傳真/FAX.: +86-512-63406388



Thailand Agent

POWERATE

ENGINEERING CO., LTD.

บริษัท พาวเวอร์เอนจิเนียริง จำกัด Powerate Engineering Co., Ltd.

35/356 หมู่ 2 ถ.เอกชัย ต.บางน้ำจืด อ.เมือง จ.สมุทรสาคร 74000

35/356 Moo 2 Ekkachai Rd., Bangnamchut, Muang Samutsakhon 74000

Tel. 034-494-668 (Auto) Fax. 034-494-669

ออฟฟิศกรุงเทพฯ/Bangkok Office : Tel. 02-750-2767-8 Fax. 02-750-2769

http://www.powerate-th.com E-mail : master@powerate-th.com