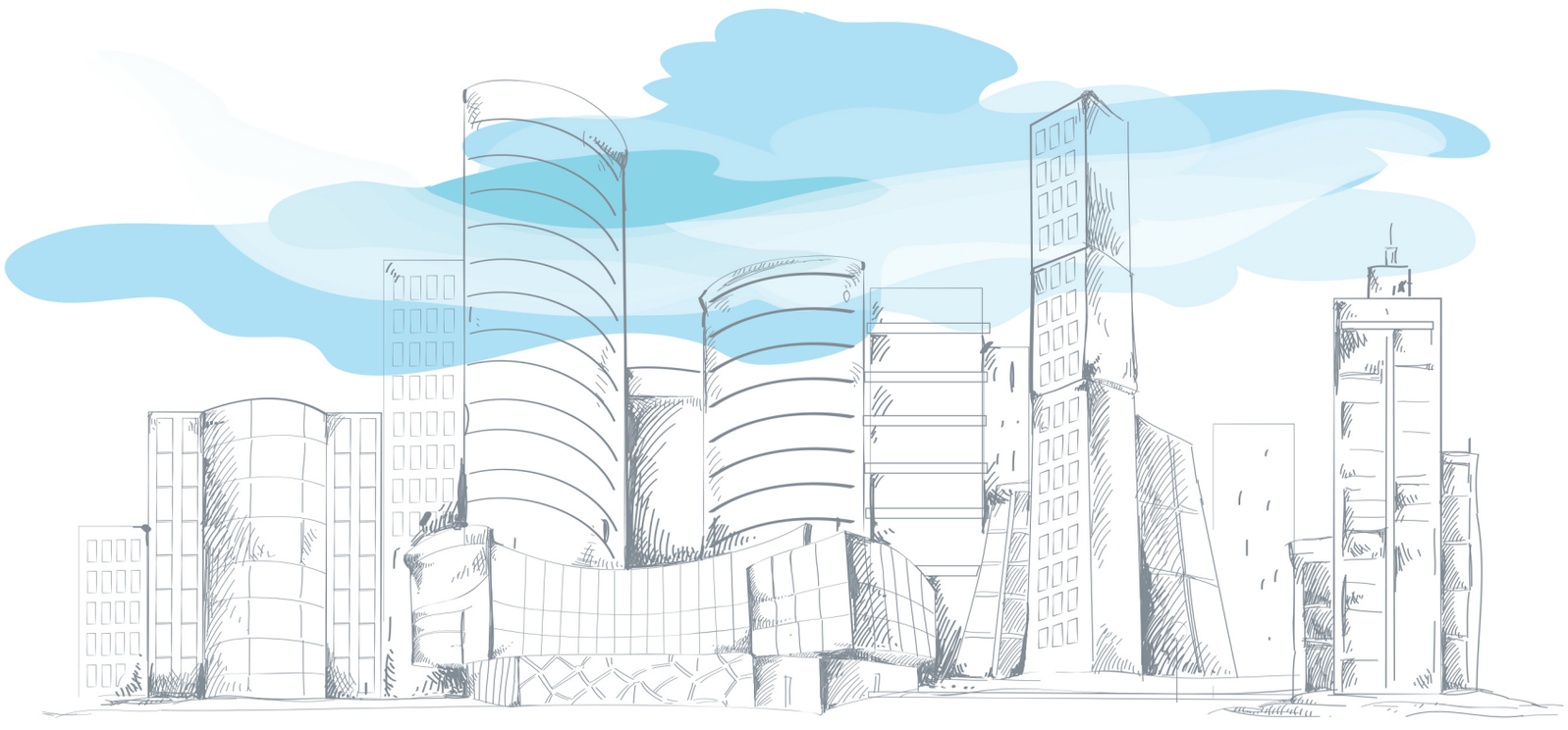
GENERAL CATALOGUE

2018



www.saran-mfg.com
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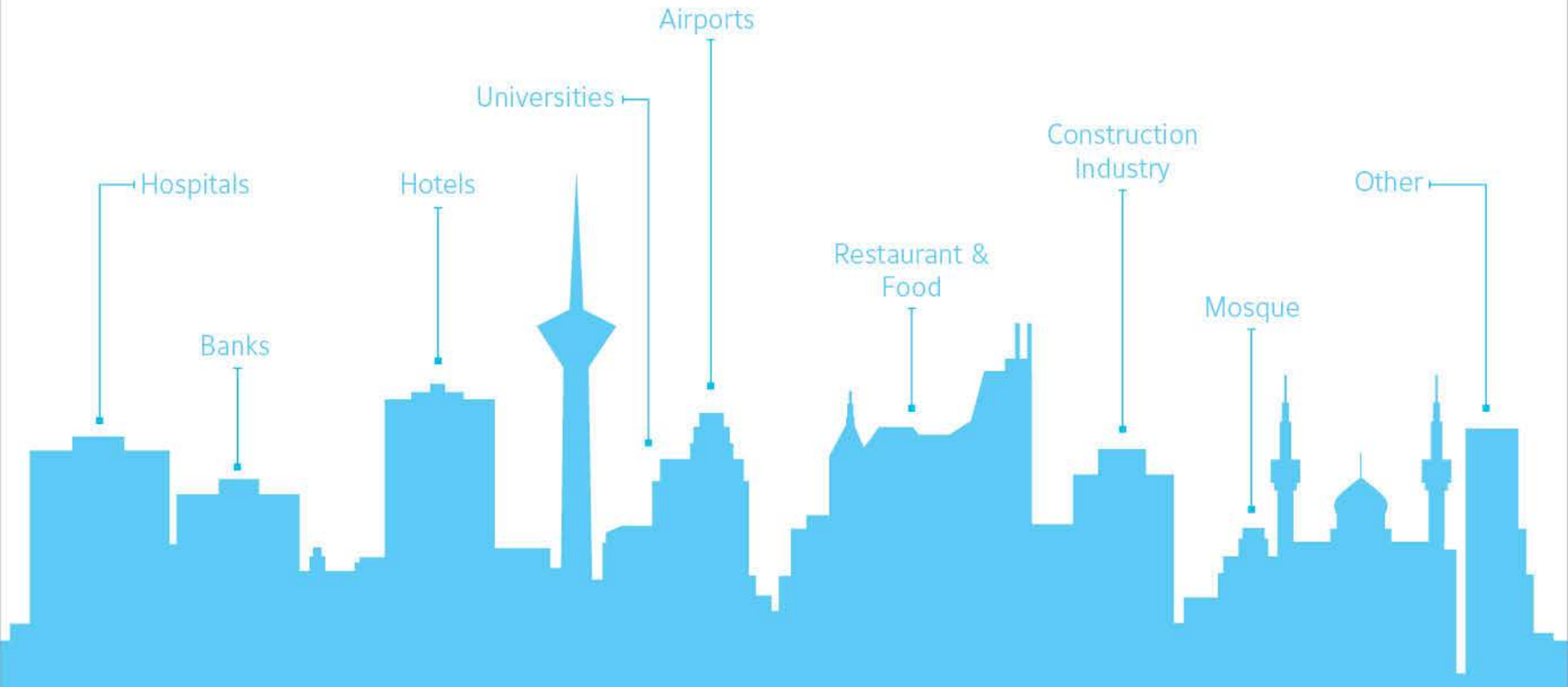
AIR CONDITIONING MFG.GROUP



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CATALOGUE
2018

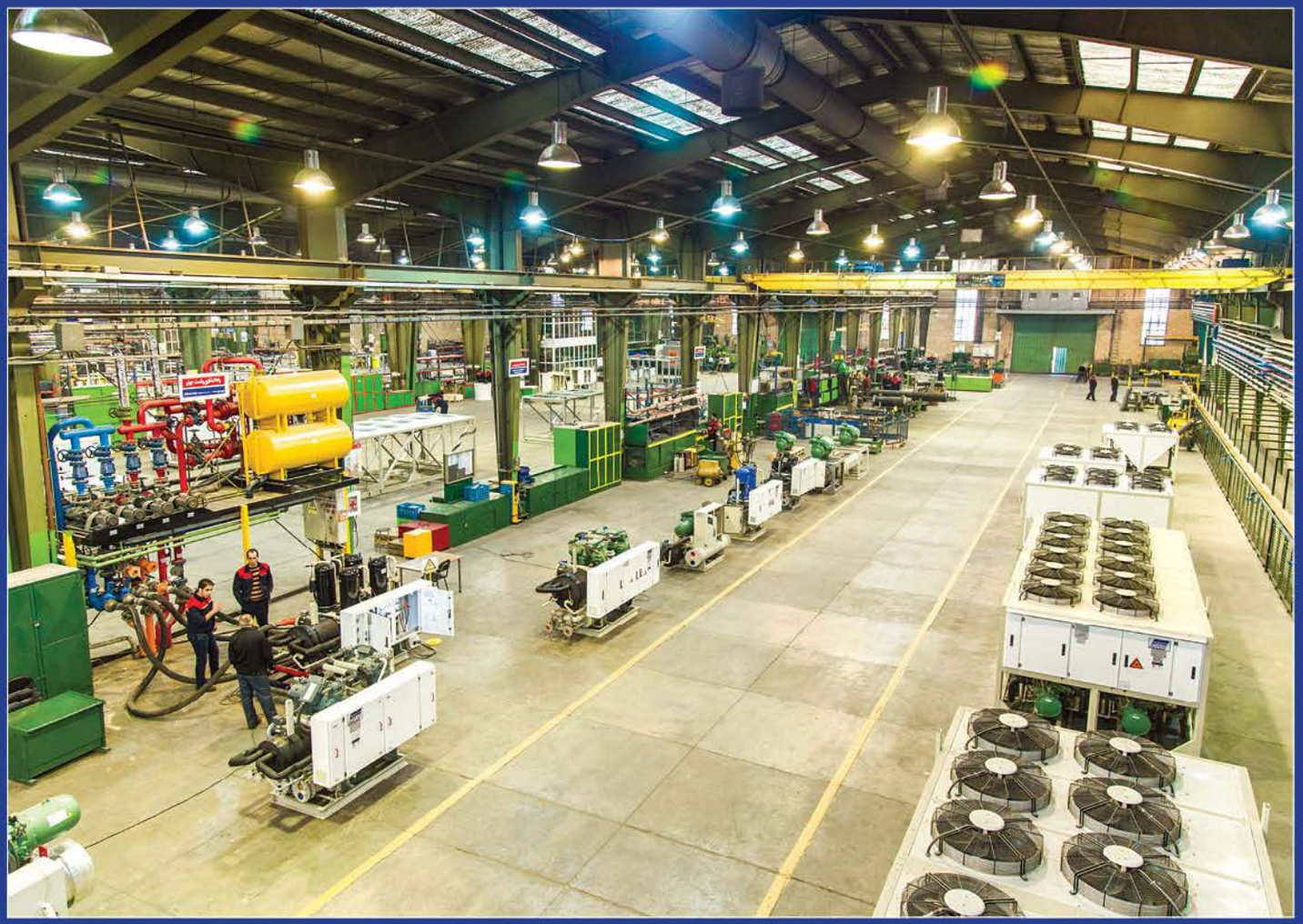
ABOUT SARAN COMPANY

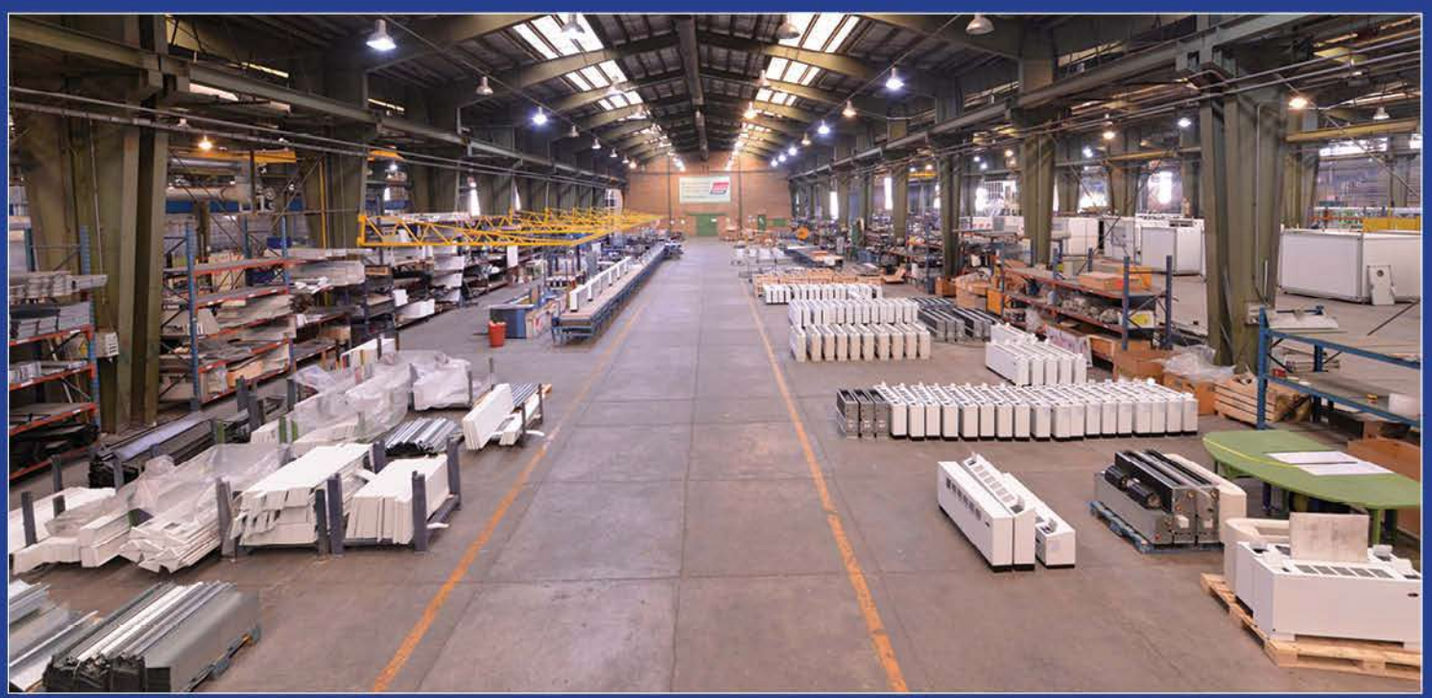
Saran Co. started its activity in 1980 under the trade name "South Way" with a focus on installation, commissioning and service rendering in the field of air conditioning and refrigeration. After one decade of activity and as the company commenced working under its new name "Saran Manufacturing Group", the company added production to its repertoire and managed to take crucial steps in qualitative and quantitative development of its activities. At that stage, Saran Co., relying on its technical know-how and human capital and concentrating on constant improvement and development of manufacturing and production activities, managed to gain a large market share in the country's air conditioning industry in a short time and was successful in introducing itself as one of the largest and most reputable air conditioner equipment manufacturers in Iran.

Saran Co., with four decades of invaluable experience in providing good quality goods and extensive after-sales services and enjoying valuable technical and scientific resources, has now achieved a special position among its domestic and foreign rivals. The Group is determined to take significant steps towards industrial development and conservation of Iran's natural resources and tries to work towards these goals through achieving state-of-the-art standards and knowledge, developing relevant infrastructures and showing respect for the rights of the customers as the main assets of our company.

Saran Co. has determined the following principles as the basis of its organizational policy for achieving the above-mentioned goals. We always stick by these principles at all organizational levels:

- Constant improvement of performance
- Improvement of customer satisfaction level
- Enhancement of quality of products and services
- Constant improvement of quality management system and environmental management system
- Prevention, control and reduction of the activities which pollute the environment
- Compliance with environmental rules and regulations and the requirements for preserving the environment
- Correct and appropriate use of energy sources and raw materials





PRODUCT LINE UP

CHILLER (R134a , R407C , R22)

NOMINAL CAPACITY (TR)

	Page	Comp	5	100	200	300	400	500	600	700	800
WATER COOLED CHILLER 	8		5 – 120								
			5 – 240								
			50 – 720								
REMOTE AIR COOLED CHILLER 	16		5 – 120								
			5 – 240								
			50 – 720								
UNITARY AIR COOLED CHILLER 	24		5 – 120								
			5 – 240								
			50 – 720								
MODULAR AIR COOLED CHILLER 	30		16 – 32								
MINI CHILLER 	32		3 – 10								

CONDENSING UNIT (R134a , R407C , R22)

NOMINAL CAPACITY (TR)

	Page	5	100	200	300	400	500	600	700	800
CONDENSING UNIT 	36	5 – 120								
		5 – 240								
		50 – 720								

AIR COOLED CONDENSER

NOMINAL CAPACITY (MBH)

	Page	50	200	400	600	800	1000	1200	1400	1600
AIR COOLED CONDENSER 	42	75 – 1360								

FANCOIL

NOMINAL AIR FLOW (CFM)

	Page	200	300	400	600	800	1000	1200	2000
CLASSIC FANCOIL 	46	200 – 1200							
DECORATIVE FANCOIL 	50	200 – 800							

NOTE

- For capacities upper than above values, please send your inquiry to SARAN MFG.

	Page	
NOMINAL AIR FLOW (CFM)	54	200 300 400 600 800 1000 1200 2000
CEILING CONCEALED FANCOIL 		200 – 1200
WALL MOUNTED FANCOIL 	58	200 – 800
CASSETTE FANCOIL 	60	200 – 1200
DUCTED FANCOIL 	64	800 – 2000
AIR HANDLING UNIT		
NOMINAL AIR FLOW (CFM)	70	2000 10000 20000 30000 40000 50000 60000
AIR HANDLING UNIT 		1500 – 50000
PACKAGED UNIT (R134a , R407C , R22)		
NOMINAL CAPACITY (TR)	80	5 25 50 75 100 125 150
PACKAGED UNIT 		10 – 120
COOLING TOWER		
NOMINAL CAPACITY (TR)	86	10 200 400 600 800 1000 1200 1400
FIBERGLASS COOLING TOWER 		8 – 500
CUBIC FIBERGLASS COOLING TOWER 	88	80 – 500
GALVANIZED COOLING TOWER 	90	10 – 1140
UNIT HEATER		
NOMINAL CAPACITY (MBH)	96	5 50 100 150 200 250 300
UNIT HEATER 		HOT WATER 15 – 220 STEAM 30 – 270 ELECTRICAL 15 – 160
EXHAUST FAN		
NOMINAL AIR FLOW (CFM)	102	500 4000 8000 12000 16000 20000 24000
EXHAUST FAN 		500 – 15000

NOTE

- For capacities upper than above values, please send your inquiry to SARAN MFG.

CHILLER

Water Cooled Chiller
Remote Air Cooled Chiller
Unitary Air Cooled Chiller
Modular Air Cooled Chiller
Mini Chiller

WATER COOLED CHILLER

Features

- Available in different models with cooling capacity range of 5~720 tons of refrigeration (Capacities upper than 360 TR will be fabricated by special design)
- Screw/Scroll / Reciprocating compressors
- Possibility to use shell & tube or plate type evaporator or condenser
- Power and control panel with full protection
- Safety controls including high and low pressure switches, oil pressure safety cut out, motor overload protection, flow switch and anti freeze control
- HCFC refrigerants and environmental friendly refrigerants (R22, R134a, R407C...)
- Possibility to use PLC control
- Easy to maintenance
- Suitable for air conditioning and industrial applications

Performance Data (Scroll Compressor)

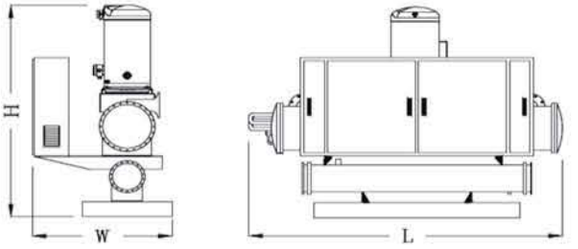
Model	QE	WC	QC	Evaporator		Condenser		Compressor		MPC		Weight (kg)
	MBH	kW	MBH	GPM	PD (ft.wg)	GPM	PD (ft.wg)	Type	Qty	Amp	kW	
1SRLCH-5W	53	3.3	64	11	0.3	13	0.7	Scroll	1	8.0	4.2	208
1SRLCH-7.5W	85	5.0	102	17	0.5	20	1.4	Scroll	1	11.5	6.1	286
1SRLCH-10W	113	6.6	134	23	0.7	27	2.1	Scroll	1	14.6	8.1	335
1SRLCH-15W	165	10.0	199	33	0.8	40	1.9	Scroll	1	22.5	12.3	481
1SRLCH-20W	223	14.0	271	45	1.7	54	3.3	Scroll	1	29.2	16.7	548
1SRLCH-25W	286	17.7	347	57	2.7	69	4.3	Scroll	1	37.2	21.3	704
1SRLCH-30W	343	21.2	415	69	3.6	83	5.3	Scroll	1	42.4	25.3	737
2SRLCH-10W	106	6.6	128	21	0.9	26	0.7	Scroll	2	15.9	8.3	384
2SRLCH-15W	171	10.0	203	34	1.2	41	1.4	Scroll	2	23.0	12.1	466
2SRLCH-20W	226	13.2	268	45	1.7	54	2.1	Scroll	2	29.1	16.1	685
2SRLCH-30W	329	20.1	398	66	3.5	80	1.9	Scroll	2	44.9	24.5	829
2SRLCH-40W	446	28.0	541	89	5.1	108	3.3	Scroll	2	58.3	33.4	1056
2SRLCH-50W	573	35.3	693	115	7.2	139	4.3	Scroll	2	74.4	42.6	1218
2SRLCH-60W	686	42.3	830	137	9.5	166	5.3	Scroll	2	84.8	50.5	1285
3SRLCH-60W	668	41.9	812	134	8.0	162	7.9	Scroll	3	87.5	50.1	1861
3SRLCH-75W	859	53.0	1040	172	12.0	208	7.8	Scroll	3	111.6	63.9	2147
3SRLCH-90W	1029	63.5	1246	206	13.3	249	6.8	Scroll	3	127.2	75.8	2616
4SRLCH-60W	659	40.1	796	132	9.0	159	5.0	Scroll	4	89.8	49.0	1454
4SRLCH-80W	891	55.9	1082	178	12.0	216	7.9	Scroll	4	116.6	66.8	1786
4SRLCH-100W	1145	70.6	1386	229	15.8	277	7.8	Scroll	4	148.8	85.2	1990
4SRLCH-120W	1372	84.7	1661	274	20.9	332	6.4	Scroll	4	169.6	101.0	2542

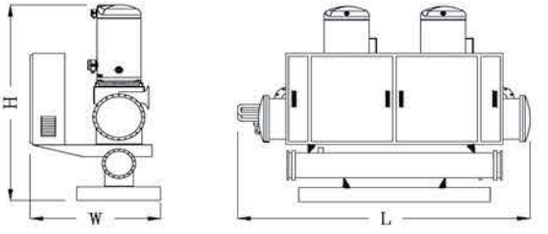
NOTE

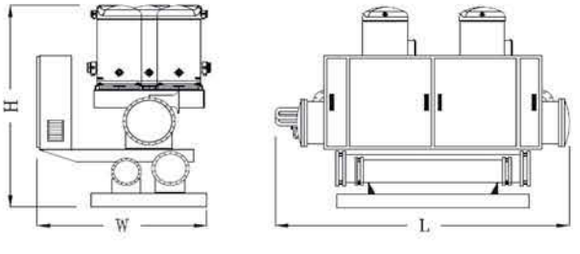
- 1MBH = 1000 Btu/hr
- QE = Actual Cooling Capacity
- WC = Compressor Power Input (380V,3ϕ,50HZ)
- QC = Condenser Total Heat Rejection
- MPC = Maximum Power Consumption
- All above data are based on entering/leaving chilled water temperature of 56°F/46°F and condenser entering/leaving water temperature of 85°F / 95°F - Refrigerant R22
- For information about capacities in other condition, please refer to Water Cooled Chiller Catalogue
- The above data is subject to change without prior notice.

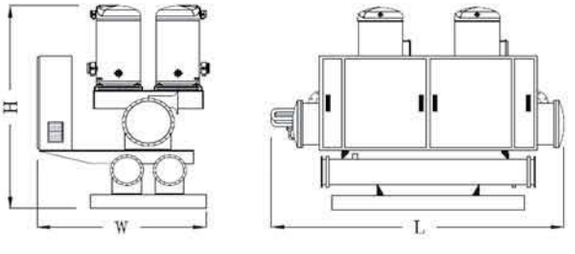
Water-Cooled Chiller Dimensions (Scroll Compressor - R22)

Model	L	W	H	Connections	
				Evaporator	Condenser
1SRLCH-5W	1350	900	1300	2×1 1/2"	2×1 1/4"
1SRLCH-7.5W	1350	900	1350	2×1 1/2"	2×1 1/4"
1SRLCH-10W	1400	900	1350	2×2"	2×2"
1SRLCH-15W	1400	1050	1650	2×2"	2×2"
1SRLCH-20W	1450	1050	1650	2×2 1/2"	2×2 1/2"
1SRLCH-25W	1450	1050	1650	2×2 1/2"	2×2 1/2"
1SRLCH-30W	1950	1050	1700	2×3"	2×2 1/2"
2SRLCH-10W	1950	900	1350	2×2"	4×1 1/4"
2SRLCH-15W	1950	900	1420	2×2"	4×1 1/4"
2SRLCH-20W	1950	900	1420	2×2 1/2"	4×2"
2SRLCH-30W	1950	1000	1650	2×3"	4×2"
2SRLCH-40W	1950	1050	1700	2×3"	4×2 1/2"
2SRLCH-50W	1950	1050	1750	2×3"	4×2 1/2"
2SRLCH-60W	1950	1050	1800	2×3"	4×2 1/2"
3SRLCH-60W	2600	1450	1750	2×3"	2×2 1/2" , 2×3"
3SRLCH-75W	2600	1450	1800	2×4"	2×2 1/2" , 2×3"
3SRLCH-90W	2600	1450	1900	2×4"	2×2 1/2" , 2×3"
4SRLCH-60W	2000	1400	1750	2×3"	4×2 1/2"
4SRLCH-80W	2600	1450	1800	2×4"	4×3"
4SRLCH-100W	2600	1450	1950	2×4"	4×3"
4SRLCH-120W	2600	1450	1950	2×5"	4×3"









NOTE

- All dimensions are in millimeter.
- The above data is subject to change without prior notice.

Performance Data (Reciprocating Compressor)

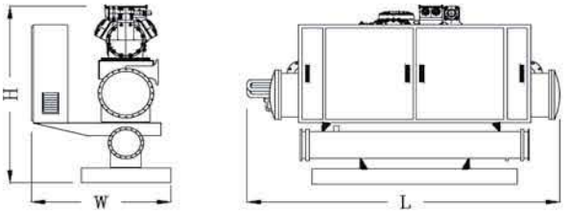
Model	QE	WC	QC	Evaporator		Condenser		Compressor		MPC		Weight (kg)
	MBH	kW	MBH	GPM	PD (ft.wg)	GPM	PD (ft.wg)	Type	Qty	Amp	kW	
1SRLCR-5W	59	3.9	72	12	0.4	14	0.8	Recip.	1	8.8	5.0	255
1SRLCR-7.5W	90	5.9	109	18	0.6	22	1.6	Recip.	1	10.7	6.1	318
1SRLCR-10W	120	7.6	145	24	0.8	29	1.8	Recip.	1	14.7	8.3	403
1SRLCR-15W	167	10.6	201	33	0.9	40	2.2	Recip.	1	17.0	9.8	522
1SRLCR-20W	196	12.3	236	39	1.4	47	2.9	Recip.	1	22.9	13.2	542
1SRLCR-25W	259	16.5	313	52	2.5	63	3.8	Recip.	1	26.5	15.6	737
1SRLCR-30W	300	18.9	361	60	3.1	72	4.4	Recip.	1	35.8	20.0	779
1SRLCR-35W	389	24.9	469	78	4.7	94	7.5	Recip.	1	41.3	23.6	945
1SRLCR-40W	446	28.5	538	89	5.6	108	8.0	Recip.	1	52.7	28.3	976
1SRLCR-50W	536	34.5	648	107	6.9	130	7.4	Recip.	1	68.3	34.8	1133
1SRLCR-60W	625	42.4	762	125	9.1	152	5.9	Recip.	1	80.5	40.8	1359
2SRLCR-10W	119	7.9	144	24	1.0	29	0.8	Recip.	2	17.6	9.9	478
2SRLCR-15W	179	11.8	218	36	1.3	44	1.6	Recip.	2	21.3	12.2	530
2SRLCR-20W	240	15.1	289	48	2.0	58	1.8	Recip.	2	29.3	16.5	821
2SRLCR-30W	333	21.1	402	67	3.6	80	2.2	Recip.	2	34.0	19.6	911
2SRLCR-40W	391	25	471	78	4.3	94	2.9	Recip.	2	45.8	26.4	1045
2SRLCR-50W	518	33	625	104	6.5	125	3.8	Recip.	2	53.0	31.2	1284
2SRLCR-60W	599	38	722	120	8.3	144	4.4	Recip.	2	71.6	39.9	1369
2SRLCR-70W	777	50	939	155	10.1	188	7.5	Recip.	2	82.6	47.2	1687
2SRLCR-80W	892	57	1077	178	12.4	215	8.0	Recip.	2	105.4	56.6	1861
2SRLCR-100W	1072	69	1296	214	14.6	259	7.4	Recip.	2	136.6	69.6	2147
2SRLCR-120W	1249	85	1524	250	18.5	305	5.9	Recip.	2	161.0	81.6	2616
3SRLCR-60W	587	37	707	117	6.8	141	6.7	Recip.	3	68.7	39.6	1437
3SRLCR-75W	777	49	938	155	10.4	188	7.0	Recip.	3	79.5	46.8	1886
3SRLCR-90W	899	57	1083	180	11.3	217	5.3	Recip.	3	107.4	59.9	2117
3SRLCR-105W	1166	75	1408	233	16.5	282	9.1	Recip.	3	123.9	70.8	2542
3SRLCR-120W	1339	85	1615	268	20.2	323	9.9	Recip.	3	158.1	84.9	2641
3SRLCR-150W	1608	103	1944	322	22.7	389	10.9	Recip.	3	204.9	104.4	2903
3SRLCR-180W	1874	127	2286	375	28.3	457	7.9	Recip.	3	241.5	122.4	3930
4SRLCR-80W	782	49	942	156	10.3	188	6.7	Recip.	4	91.6	52.8	2079
4SRLCR-100W	1037	66	1250	207	13.9	250	7.0	Recip.	4	106.0	62.4	2664
4SRLCR-120W	1198	76	1444	240	17.5	289	5.3	Recip.	4	143.2	79.8	2834
4SRLCR-140W	1555	99	1877	311	20.2	375	9.1	Recip.	4	165.2	94.4	3275
4SRLCR-160W	1785	114	2154	357	26.2	431	9.9	Recip.	4	210.8	113.2	3421
4SRLCR-200W	2145	138	2591	429	33.3	518	10.9	Recip.	4	273.2	139.2	4673
4SRLCR-240W	2499	169	3048	500	38.2	610	7.8	Recip.	4	322.0	163.2	5608

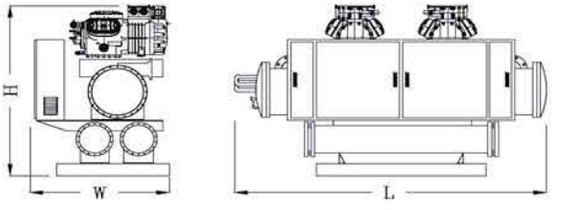
NOTE

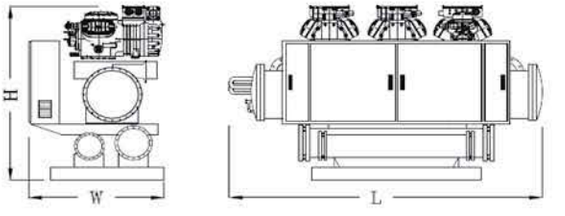
- 1MBH = 1000 Btu/hr
- QE = Actual Cooling Capacity
- WC = Compressor Power Input (380V,3ϕ,50HZ)
- QC = Condenser Total Heat Rejection
- MPC = Maximum Power Consumption
- All above data are based on entering / leaving chilled water temperature of 56°F / 46°F and condenser enering/leaving water temperature of 85°F/95°F - Refrigerant R22
- For information about capacities in other condition, please refer to Water Cooled Chiller Catalogue
- The above data is subject to change without prior notice.

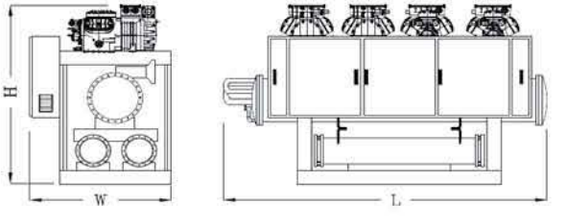
Water-Cooled Chiller Dimensions (Reciprocating Compressor - R22)

Model	L	W	H	Connections	
				Evaporator	Condenser
1SRLCR-5W	1350	900	1250	2×1 1/2"	2×1 1/4"
1SRLCR-7.5W	1350	900	1250	2×1 1/2"	2×1 1/4"
1SRLCR-10W	1400	900	1250	2×2"	2×2"
1SRLCR-15W	1400	900	1350	2×2"	2×2"
1SRLCR-20W	1450	900	1350	2×2 1/2"	2×2 1/2"
1SRLCR-25W	1450	1050	1400	2×2 1/2"	2×2 1/2"
1SRLCR-30W	1950	1050	1400	2×3"	2×2 1/2"
1SRLCR-35W	1950	1100	1450	2×3"	2×2 1/2"
1SRLCR-40W	1950	1100	1450	2×3"	2×3"
1SRLCR-50W	2500	1100	1500	2×3"	2×3"
1SRLCR-60W	2500	1100	1600	2×3"	2×3"
2SRLCR-10W	1950	1000	1270	2×2"	4×1 1/4"
2SRLCR-15W	1950	1000	1270	2×2"	4×1 1/4"
2SRLCR-20W	1950	1200	1300	2×2 1/2"	4×2"
2SRLCR-30W	1950	1200	1350	2×3"	4×2"
2SRLCR-40W	1950	1200	1400	2×3"	4×2 1/2"
2SRLCR-50W	1950	1300	1500	2×3"	4×2 1/2"
2SRLCR-60W	1950	1300	1500	2×3"	4×2 1/2"
2SRLCR-70W	2500	1350	1500	2×4"	4×2 1/2"
2SRLCR-80W	2500	1350	1550	2×4"	4×3"
2SRLCR-100W	2600	1350	1650	2×4"	4×3"
2SRLCR-120W	2600	1450	1750	2×5"	4×3"
3SRLCR-60W	2600	1200	1450	2×3"	2×2 1/2" , 2×3"
3SRLCR-75W	2600	1300	1850	2×4"	2×2 1/2" , 2×3"
3SRLCR-90W	2600	1300	1900	2×4"	2×2 1/2" , 2×3"
3SRLCR-105W	2600	1370	2000	2×5"	2×2 1/2" , 2×3"
3SRLCR-120W	2600	1370	2000	2×5"	4×3"
3SRLCR-150W	3650	1370	2050	2×5"	2×3" , 2×4"
3SRLCR-180W	3650	1500	2150	2×6"	2×3" , 2×5"
4SRLCR-80W	2600	1250	1850	2×4"	4×3"
4SRLCR-100W	2600	1300	2000	2×4"	4×3"
4SRLCR-120W	2600	1300	2000	2×5"	4×3"
4SRLCR-140W	3650	1370	2000	2×5"	4×3"
4SRLCR-160W	3650	1370	2000	2×5"	4×3"
4SRLCR-200W	4700	1370	2100	2×6"	4×4"
4SRLCR-240W	4700	1500	2300	2×6"	4×4"









NOTE

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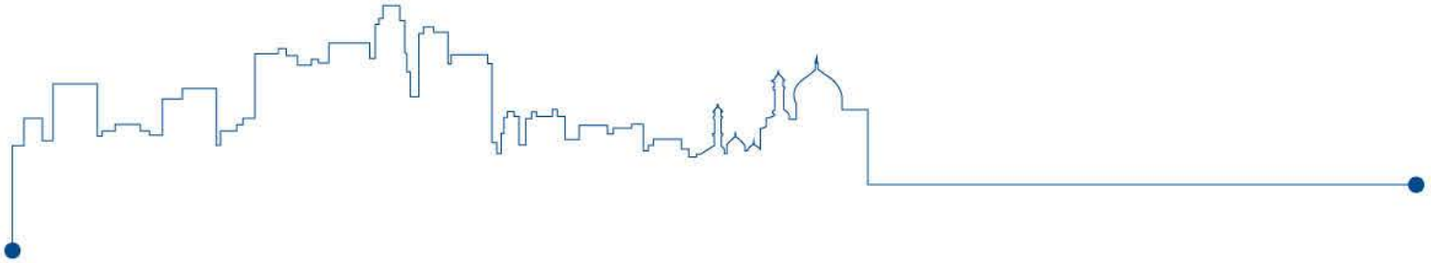


Performance Data (Screw Compressor)

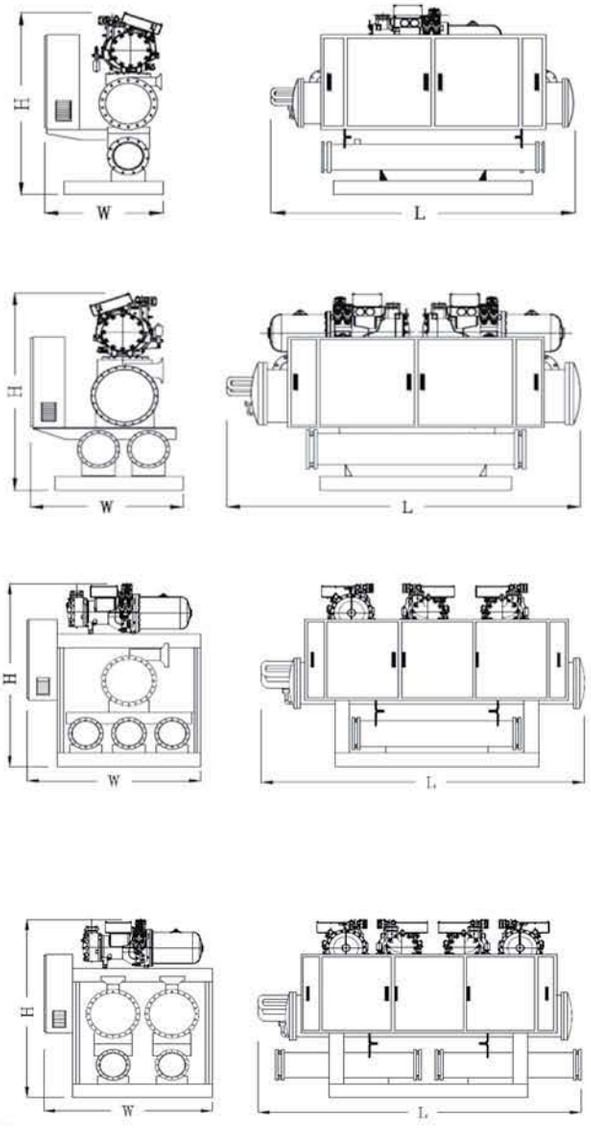
Model	QE	WC	QC	Evaporator		Condenser		Compressor		MPC		Weight (kg)
	MBH	kW	MBH	GPM	PD (ft.wg)	GPM	PD (ft.wg)	Type	Qty	Amp	kW	
1SRLCS-50W	452	31.1	548	90	5.3	110	5.8	Screw	1	65.8	38.9	1089
1SRLCS-60W	567	38.6	686	113	7.9	137	4.7	Screw	1	80.6	48.3	1120
1SRLCS-70W	663	46.6	806	133	8.1	161	7.0	Screw	1	94.9	57.6	1486
1SRLCS-80W	770	52.7	932	154	9.3	186	7.3	Screw	1	107.7	65.3	1646
1SRLCS-90W	922	60.4	1107	184	12.7	221	7.3	Screw	1	119.8	74.3	1741
1SRLCS-110W	1107	73.1	1331	221	14.3	266	7.4	Screw	1	150.1	91.2	2376
1SRLCS-125W	1261	83.3	1517	252	14.2	303	7.6	Screw	1	172.0	103.9	2420
1SRLCS-140W	1473	102.1	1786	295	19.6	357	8.2	Screw	1	204.0	124.2	2652
2SRLCS-100W	904	62.2	1095	181	5.3	219	5.8	Screw	2	131.6	77.8	2067
2SRLCS-120W	1135	77.1	1372	227	7.9	274	4.7	Screw	2	161.2	96.6	2142
2SRLCS-140W	1327	93.2	1613	265	8.1	323	7.0	Screw	2	189.8	115.2	2881
2SRLCS-160W	1540	105.5	1864	308	9.3	373	7.3	Screw	2	215.4	130.6	3201
2SRLCS-180W	1844	120.8	2215	369	12.7	443	7.3	Screw	2	239.6	148.6	3564
2SRLCS-220W	2213	146.1	2662	443	14.3	532	7.4	Screw	2	300.2	182.4	5024
2SRLCS-250W	2523	166.5	3034	505	14.2	607	7.6	Screw	2	344.0	207.0	5214
2SRLCS-280W	2946	204	3573	589	19.6	715	8.2	Screw	2	408.0	248.4	5341
3SRLCS-150W	1357	93	1643	271	12.4	329	5.8	Screw	3	197.4	116.7	2673
3SRLCS-180W	1702	116	2057	340	11.5	411	4.7	Screw	3	241.8	144.9	2925
3SRLCS-210W	1990	140	2419	398	16.8	484	7.0	Screw	3	284.7	172.8	4143
3SRLCS-240W	2310	158	2796	462	21.4	559	7.3	Screw	3	323.1	195.9	4357
3SRLCS-270W	2766	181	3322	553	27.7	664	7.3	Screw	3	359.4	222.9	4517
4SRLCS-200W	1809	124	2191	362	26.6	438	5.8	Screw	4	263.2	155.6	4172
4SRLCS-240W	2270	154	2743	454	35.7	549	4.7	Screw	4	322.4	193.2	4533
4SRLCS-280W	2653	186	3226	531	39.5	645	7.0	Screw	4	379.6	230.4	5787
4SRLCS-320W	3081	211	3728	616	21.4	746	7.3	Screw	4	430.8	261.2	6402
4SRLCS-360W	3688	242	4430	738	27.8	886	7.3	Screw	4	479.2	297.2	7128
4SRLCS-440W	4427	292	5324	885	31.4	1065	7.4	Screw	4	600.4	364.8	9638
4SRLCS-500W	5045	333	6068	1009	37.9	1214	7.6	Screw	4	688.0	415.6	10016
4SRLCS-560W	5892	408	7146	1178	38.4	1429	8.2	Screw	4	816.0	496.8	10270

NOTE

- 1MBH = 1000 Btu/hr
- QE = Actual Cooling Capacity
- WC = Compressor Power Input (380V,3ϕ,50HZ)
- QC = Condenser Total Heat Rejection
- MPC = Maximum Power Consumption
- All above data are based on entering / leaving chilled water temperature of 56°F / 46°F and condenser entering/leaving water temperature of 85°F / 95°F - Refrigerant R22
- For information about capacities in other condition, please refer to Water Cooled Chiller Catalogue
- The above data is subject to change without prior notice.

Water-Cooled Chiller Dimensions (Screw Compressor - R22)

Model	L	W	H	Connections	
				Evaporator	Condenser
1SRLCS-50W	2500	1100	1620	2×3"	2×3"
1SRLCS-60W	2500	1100	1620	2×3"	2×3"
1SRLCS-70W	2500	1150	1700	2×4"	2×3"
1SRLCS-80W	2500	1150	1750	2×4"	2×3"
1SRLCS-90W	2500	1150	1800	2×4"	2×4"
1SRLCS-110W	2600	1270	2000	2×5"	2×4"
1SRLCS-125W	2600	1270	2050	2×5"	2×5"
1SRLCS-140W	3600	1270	2050	2×5"	2×5"
2SRLCS-100W	2600	1250	1750	2×4"	4×3"
2SRLCS-120W	2600	1250	1750	2×5"	4×3"
2SRLCS-140W	3600	1300	1750	2×5"	4×3"
2SRLCS-160W	3600	1300	1820	2×5"	4×3"
2SRLCS-180W	3600	1300	1900	2×6"	4×4"
2SRLCS-220W	4650	1450	2050	2×6"	4×4"
2SRLCS-250W	4650	1450	2100	2×6"	4×5"
2SRLCS-280W	4650	1450	2100	2×6"	4×5"
3SRLCS-150W	3650	1600	2100	2×5"	6×3"
3SRLCS-180W	3650	1600	2100	2×6"	6×3"
3SRLCS-210W	3650	1750	2200	2×6"	6×3"
3SRLCS-240W	4650	1750	2200	2×6"	6×3"
3SRLCS-270W	4650	1800	2250	2×6"	6×4"
4SRLCS-200W	4700	1420	2100	2×6"	8×3"
4SRLCS-240W	4700	1420	2100	2×6"	8×3"
4SRLCS-280W	4700	1670	2150	2×6"	8×3"
4SRLCS-320W	3700	1670	2150	4×5"	8×3"
4SRLCS-360W	3700	1820	2200	4×6"	8×4"
4SRLCS-440W	5050	2170	2750	4×6"	8×4"
4SRLCS-500W	5050	2170	2750	4×6"	8×5"
4SRLCS-560W	5050	2170	2750	4×6"	8×5"



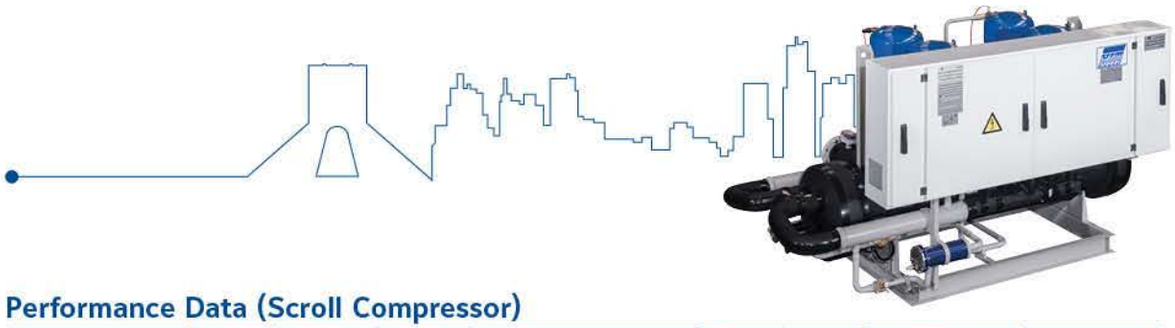
NOTE

- All dimensions are in millimeter.
- The above data is subject to change without prior notice.

REMOTE AIR COOLED CHILLER

Features

- Available in different models with cooling capacity range of 5~720 tons of refrigeration (Capacities upper than 360 TR will be fabricated by special design)
- Screw/Scroll / Reciprocating compressors
- Possibility to use shell & tube or plate type evaporator
- Power and control panel with full protection
- Safety controls including high and low pressure switches, oil pressure safety cut-out, motor overload protection, flow switch and anti freeze control
- HCFC refrigerants and environmental friendly refrigerants (R22, R134a, R407C...)
- Possibility to use PLC control
- Easy to maintenance
- Suitable for air conditioning and industrial applications



Performance Data (Scroll Compressor)

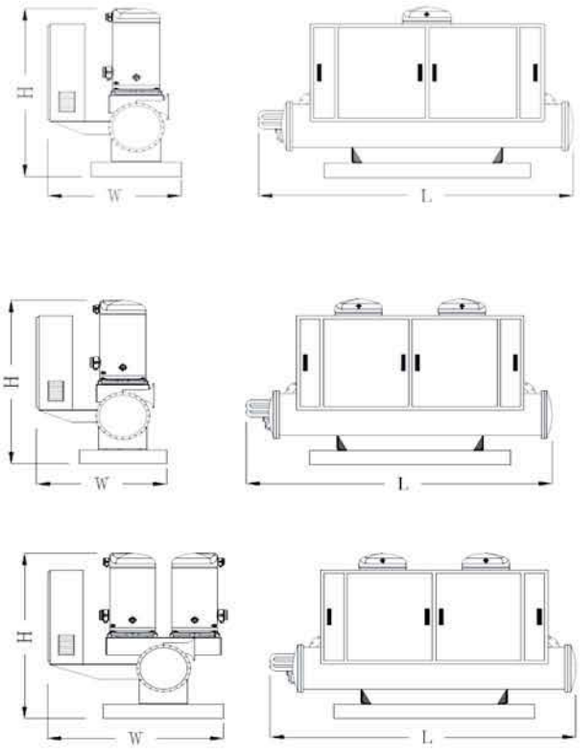
Model	QE	WC	QC	Evaporator		Compressor		MPC		Weight (kg)
	MBH	kW	MBH	GPM	PD (ft.wg)	Type	Qty	Amp	kW	
1SRLCH-5AR	49	3.9	61	10	0.2	Scroll	1	9	5.0	144
1SRLCH-7.5AR	78	6.0	98	16	0.5	Scroll	1	14	7.5	207
1SRLCH-10AR	105	7.9	130	21	0.6	Scroll	1	17	10.0	233
1SRLCH-15AR	153	11.9	193	31	0.8	Scroll	1	26	15.0	349
1SRLCH-20AR	205	16.3	261	41	1.6	Scroll	1	34	20.1	411
1SRLCH-25AR	263	20.4	333	53	2.6	Scroll	1	43	25.4	518
1SRLCH-30AR	317	24.5	401	63	3.4	Scroll	1	49	30.2	540
2SRLCH-10AR	97	7.8	123	19	0.6	Scroll	2	18	10.0	263
2SRLCH-15AR	157	11.9	196	31	0.9	Scroll	2	27	14.9	332
2SRLCH-20AR	209	15.8	260	42	1.6	Scroll	2	34	20.0	478
2SRLCH-30AR	305	23.7	386	61	3.2	Scroll	2	52	29.9	597
2SRLCH-40AR	411	32.6	522	82	4.6	Scroll	2	67	40.2	792
2SRLCH-50AR	526	40.9	665	105	6.5	Scroll	2	85	50.8	893
2SRLCH-60AR	634	49.1	801	127	9.0	Scroll	2	98	60.3	937
4SRLCH-60AR	610	47	772	122	8.5	Scroll	4	103	59.8	1033
4SRLCH-80AR	822	65	1044	164	11.2	Scroll	4	134	80.4	1577
4SRLCH-100AR	1052	82	1330	210	14.8	Scroll	4	170	101.6	1858
4SRLCH-120AR	1268	98	1603	254	19.0	Scroll	4	196	120.6	1945

NOTE

- 1MBH = 1000 Btu/hr
- QE = Actual Cooling Capacity
- WC = Compressor Power Input (380V,3ϕ,50HZ)
- QC = Condenser Total Heat Rejection
- MPC = Maximum Power Consumption
- All above data are based on entering / leaving chilled water temperature of 56°F / 46°F and condensing temperature of 120°F - Refrigerant R22
- For more information about capacities in other condition, please refer to Remote Air Cooled Chiller Catalogue
- The above data is subject to change without prior notice.

Remote Air-Cooled Chiller Dimensions (Scroll Compressor - R22)

Model	L	W	H	Evap. Connections
1SRLCH-5AR	1350	900	1250	2×1 1/2"
1SRLCH-7.5AR	1350	900	1250	2×1 1/2"
1SRLCH-10AR	1400	900	1250	2×2"
1SRLCH-15AR	1400	1050	1400	2×2"
1SRLCH-20AR	1450	1050	1400	2×2 1/2"
1SRLCH-25AR	1450	1050	1400	2×2 1/2"
1SRLCH-30AR	1950	1050	1450	2×3"
2SRLCH-10AR	1950	900	1250	2×2"
2SRLCH-15AR	1950	900	1250	2×2"
2SRLCH-20AR	1950	900	1250	2×2 1/2"
2SRLCH-30AR	1950	1050	1400	2×3"
2SRLCH-40AR	1950	1050	1450	2×3"
2SRLCH-50AR	1950	1050	1500	2×3"
2SRLCH-60AR	1950	1050	1550	2×3"
4SRLCH-60AR	2000	1400	1500	2×3"
4SRLCH-80AR	2600	1450	1600	2×4"
4SRLCH-100AR	2600	1450	1650	2×4"
4SRLCH-120AR	2600	1450	1650	2×5"



NOTE

- All dimensions are in millimeter.
- The above data is subject to change without prior notice.

Performance Data (Reciprocating Compressor)

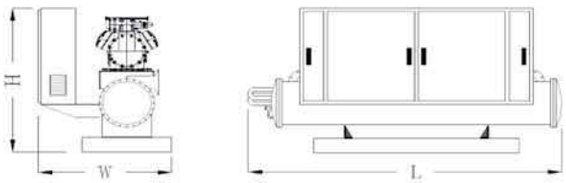
Model	QE	WC	QC	Evaporator		Compressor		MPC		Weight (kg)
	MBH	kW	MBH	GPM	PD (ft.wg)	Type	Qty	Amp	kW	
1SRLCR-5AR	53	4.5	68	11	0.3	Recip.	1	10	5.5	190
1SRLCR-7.5AR	81	6.8	103	16	0.5	Recip.	1	14	8.4	238
1SRLCR-10AR	109	8.5	137	22	0.7	Recip.	1	18	10.4	301
1SRLCR-15AR	151	12.0	190	30	0.8	Recip.	1	25	14.6	390
1SRLCR-20AR	177	14.0	223	35	1.2	Recip.	1	29	17.1	405
1SRLCR-25AR	236	18.8	297	47	2.2	Recip.	1	39	23.0	551
1SRLCR-30AR	273	21.6	343	55	2.7	Recip.	1	45	26.4	582
1SRLCR-35AR	354	28.4	446	71	4.4	Recip.	1	60	35.1	707
1SRLCR-40AR	406	32.4	511	81	5.1	Recip.	1	68	39.6	730
1SRLCR-50AR	489	39.2	616	98	6.1	Recip.	1	87	48.1	849
1SRLCR-60AR	569	47.9	724	114	8.0	Recip.	1	107	59.0	1016
2SRLCR-10AR	107	9.0	136	21	0.7	Recip.	2	19	11.0	356
2SRLCR-15AR	162	13.6	206	32	1.0	Recip.	2	28	16.7	395
2SRLCR-20AR	218	17.1	273	44	1.7	Recip.	2	36	20.8	614
2SRLCR-30AR	302	23.9	379	60	3.2	Recip.	2	50	29.2	679
2SRLCR-40AR	355	28	446	71	3.9	Recip.	2	58	34.2	780
2SRLCR-50AR	472	38	593	94	5.9	Recip.	2	78	46.0	959
2SRLCR-60AR	546	43	686	109	6.3	Recip.	2	91	52.8	1021
2SRLCR-70AR	707	57	892	141	8.8	Recip.	2	120	70.2	1258
2SRLCR-80AR	812	65	1022	162	11.1	Recip.	2	137	79.2	1392
2SRLCR-100AR	977	78	1231	195	13.0	Recip.	2	174	96.2	1608
2SRLCR-120AR	1137	96	1448	227	16.4	Recip.	2	214	118.0	1952
4SRLCR-80AR	710	56	891	142	9.0	Recip.	4	115	68.4	1553
4SRLCR-100AR	943	75	1186	189	12.1	Recip.	4	156	92.0	1990
4SRLCR-120AR	1092	86	1372	218	15.9	Recip.	4	182	105.6	2113
4SRLCR-140AR	1415	114	1784	283	17.4	Recip.	4	239	140.4	2442
4SRLCR-160AR	1624	130	2044	325	22.5	Recip.	4	273	158.4	2559
4SRLCR-200AR	1954	157	2463	391	30.5	Recip.	4	349	192.4	3512
4SRLCR-240AR	2275	192	2896	455	33.1	Recip.	4	429	236.0	4211

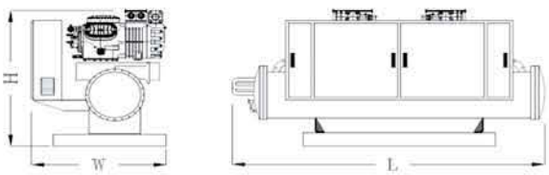
NOTE

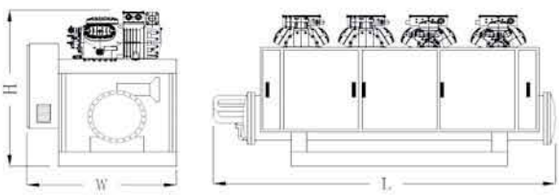
- 1MBH = 1000 Btu/hr
- QE = Actual Cooling Capacity
- WC = Compressor Power Input (380V,3ϕ,50HZ)
- QC = Condenser Total Heat Rejection
- MPC = Maximum Power Consumption
- All above data are based on entering / leaving chilled water temperature of 56°F / 46°F and condensing temperature of 120°F - Refrigerant R22
- For more information about capacities in other condition, please refer to Remote Air Cooled Chiller Catalogue
- The above data is subject to change without prior notice.

Remote Air-Cooled Chiller Dimensions (Reciprocating Compressor - R22)

Model	L	W	H	Evap. Connections
1SRLCR-5AR	1350	900	1250	2×1 1/2"
1SRLCR-7.5AR	1350	900	1250	2×1 1/2"
1SRLCR-10AR	1400	900	1250	2×2"
1SRLCR-15AR	1400	900	1250	2×2"
1SRLCR-20AR	1450	900	1250	2×2 1/2"
1SRLCR-25AR	1450	1050	1250	2×2 1/2"
1SRLCR-30AR	1950	1050	1250	2×3"
1SRLCR-35AR	1950	1100	1250	2×3"
1SRLCR-40AR	1950	1100	1250	2×3"
1SRLCR-50AR	2500	1100	1250	2×3"
1SRLCR-60AR	2500	1100	1350	2×3"
2SRLCR-10AR	1950	1000	1250	2×2"
2SRLCR-15AR	1950	1000	1250	2×2"
2SRLCR-20AR	1950	1200	1250	2×2 1/2"
2SRLCR-30AR	1950	1200	1250	2×3"
2SRLCR-40AR	1950	1200	1250	2×3"
2SRLCR-50AR	1950	1300	1250	2×3"
2SRLCR-60AR	1950	1300	1250	2×3"
2SRLCR-70AR	2500	1350	1250	2×4"
2SRLCR-80AR	2500	1350	1300	2×4"
2SRLCR-100AR	2600	1350	1350	2×4"
2SRLCR-120AR	2600	1450	1450	2×5"
4SRLCR-80AR	2600	1250	1550	2×4"
4SRLCR-100AR	2600	1300	1650	2×4"
4SRLCR-120AR	2600	1300	1650	2×5"
4SRLCR-140AR	3650	1370	1650	2×5"
4SRLCR-160AR	3650	1370	1650	2×5"
4SRLCR-200AR	4700	1370	1750	2×6"
4SRLCR-240AR	4700	1500	1900	2×6"

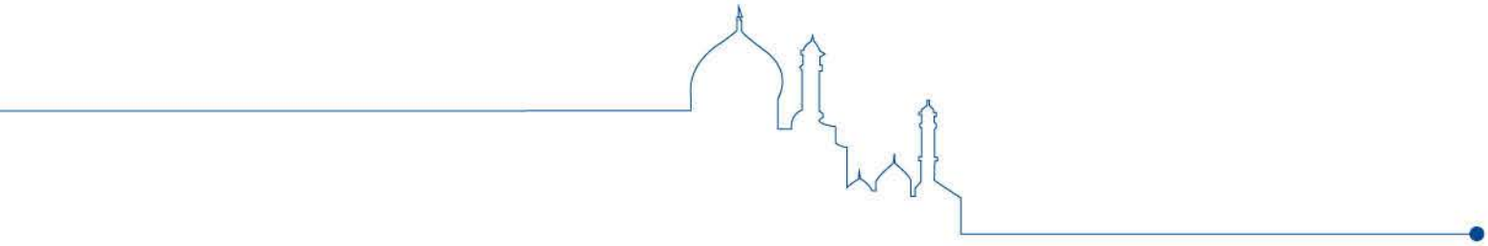






NOTE

- All dimensions are in millimeter.
- The above data is subject to change without prior notice.



Performance Data (Screw Compressor)

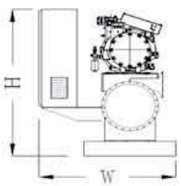
Model	QE	WC	QC	Evaporator		Compressor		MPC		Weight (kg)
	MBH	kW	MBH	GPM	PD (ft.wg)	Type	Qty	Amp	kW	
1SRLCS-50AR	411	36.6	524	82	4.6	Screw	1	78	47.0	901
1SRLCS-60AR	516	45.4	656	103	6.8	Screw	1	96	58.3	926
1SRLCS-70AR	595	54.3	761	119	7.1	Screw	1	111	68.2	1226
1SRLCS-80AR	686	61.0	873	137	8.0	Screw	1	124	76.3	1363
1SRLCS-90AR	832	70.3	1047	166	11.1	Screw	1	141	88.1	1442
1SRLCS-110AR	988	84.4	1247	198	12.0	Screw	1	177	108.4	1964
1SRLCS-125AR	1126	96.2	1422	225	11.4	Screw	1	202	123.5	2000
1SRLCS-140AR	1340	116.6	1698	268	16.9	Screw	1	239	146.7	2185
1SRLCS-160AR	1505	125.0	1888	301	21.0	Screw	1	244	148.9	2476
1SRLCS-180AR	1753	142.3	2190	351	26.1	Screw	1	283	169.5	2629
1SRLCS-210AR	2066	163.5	2568	413	28.9	Screw	1	339	209.0	3287
2SRLCS-100AR	823	73.1	1048	165	9.7	Screw	2	156	94.0	1714
2SRLCS-120AR	1033	90.8	1312	207	13.9	Screw	2	191	116.6	1773
2SRLCS-140AR	1189	108.5	1522	238	13.0	Screw	2	221	136.4	2372
2SRLCS-160AR	1372	121.9	1747	274	17.5	Screw	2	248	152.6	2652
2SRLCS-180AR	1663	141	2095	333	24.0	Screw	2	282	176.2	2956
2SRLCS-220AR	1976	169	2495	395	26.6	Screw	2	353	216.8	4149
2SRLCS-250AR	2252	192	2843	450	33.7	Screw	2	404	247.0	4308
2SRLCS-280AR	2680	233	3396	536	34.6	Screw	2	478	293.4	4415
4SRLCS-200AR	1646	146	2095	329	23.8	Screw	4	311	188.0	3457
4SRLCS-240AR	2066	182	2623	413	32.2	Screw	4	383	233.2	3764
4SRLCS-280AR	2378	217	3045	476	33.9	Screw	4	442	272.8	4782
4SRLCS-320AR	2745	244	3493	549	18.0	Screw	4	496	305.2	5304
4SRLCS-360AR	3326	281	4189	665	24.5	Screw	4	563	352.4	5912

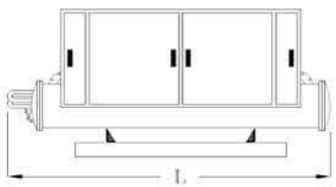
NOTE

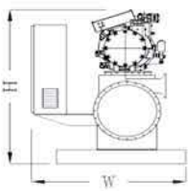
- 1MBH = 1000 Btu/hr
- QE = Actual Cooling Capacity
- WC = Compressor Power Input (380V,3ϕ,50HZ)
- QC = Condenser Total Heat Rejection
- MPC = Maximum Power Consumption
- All above data are based on entering / leaving chilled water temperature of 56°F / 46°F and condensing temperature of 120°F - Refrigerant R22
- For more information about capacities in other condition, please refer to Remote Air Cooled Chiller Catalogue
- The above data is subject to change without prior notice.

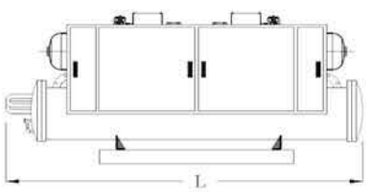
Remote Air-Cooled Chiller Dimensions (Screw Compressor - R22)

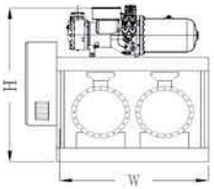
Model	L	W	H	Evap. Connections
1SRLCS-50AR	2500	1100	1350	2×3"
1SRLCS-60AR	2500	1100	1350	2×3"
1SRLCS-70AR	2500	1150	1350	2×4"
1SRLCS-80AR	2500	1150	1400	2×4"
1SRLCS-90AR	2500	1150	1450	2×4"
1SRLCS-110AR	2600	1270	1650	2×5"
1SRLCS-125AR	2600	1270	1650	2×5"
1SRLCS-140AR	3600	1270	1700	2×5"
1SRLCS-160AR	3600	1270	1700	2×5"
1SRLCS-180AR	3600	1270	1700	2×6"
1SRLCS-210AR	3650	1300	1800	2×6"
2SRLCS-100AR	2600	1250	1450	2×4"
2SRLCS-120AR	2600	1250	1450	2×5"
2SRLCS-140AR	3600	1300	1450	2×5"
2SRLCS-160AR	3600	1300	1500	2×5"
2SRLCS-180AR	3600	1300	1550	2×6"
2SRLCS-220AR	4650	1450	1700	2×6"
2SRLCS-250AR	4650	1450	1700	2×6"
2SRLCS-280AR	4650	1450	1700	2×6"
4SRLCS-200AR	4700	1420	1850	2×6"
4SRLCS-240AR	4700	1420	1850	2×6"
4SRLCS-280AR	4700	1670	1950	2×6"
4SRLCS-320AR	3700	1820	1900	4×5"
4SRLCS-360AR	3700	2120	1900	4×6"

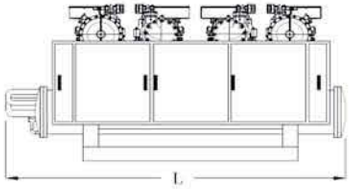












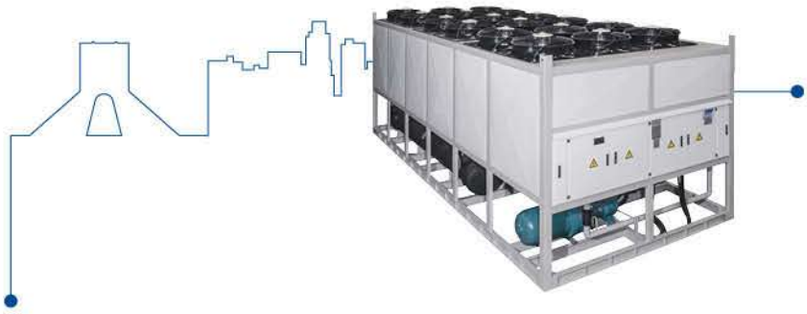
NOTE

- All dimensions are in millimeter.
- The above data is subject to change without prior notice.

UNITARY AIR COOLED CHILLER

Features

- Available in different models with cooling capacity range of 5~720 tons of refrigeration (Capacities upper than 360 TR will be fabricated by special design)
- Scroll / Reciprocating/Screw compressors
- Possibility to use shell & tube or plate type evaporator
- Power and control panel with full protection
- Safety controls including high and low pressure switches, oil pressure safety cut-out, motor overload protection, flow switch and anti freeze control
- HCFC refrigerants and environmental friendly refrigerants (R22, R134a, R407C...)
- Possibility to use PLC control
- statically and dynamically balanced propeller fans with minimum noise level
- Possibility to use copper or aluminum fins for condenser coils
- Ability to use inner groove copper tubes to increase heat transfer
- Ability to create anti corrosion coating upon request
- Easy to maintenance
- Suitable for air conditioning and industrial applications



Performance Data (Scroll Compressor)

Model	QE	WC	QC	Evaporator		Compressor		MPC		Weight (kg)
	MBH	kW	MBH	GPM	PD (ft.wg)	Type	Qty	Amp	kW	
1SRLCH-5AU-75	49	3.9	61	10	0.2	Scroll	1	10.85	5.9	284
1SRLCH-7.5AU-110	78	6.0	98	16	0.5	Scroll	1	17.4	9.25	496
1SRLCH-10AU-110	105	7.9	130	21	0.6	Scroll	1	20.9	11.8	509
1SRLCH-15AU-150	153	11.9	193	31	0.8	Scroll	1	29.65	16.75	643
1SRLCH-20AU-225	205	16.3	261	41	1.6	Scroll	1	41.15	23.7	974
1SRLCH-25AU-225	263	20.4	333	53	2.6	Scroll	1	50.15	29	1059
1SRLCH-30AU-300	317	24.5	401	63	3.4	Scroll	1	56.7	33.75	1127
2SRLCH-10AU-110	97	7.8	123	19	0.6	Scroll	2	21.7	11.8	527
2SRLCH-15AU-150	157	11.9	196	31	0.9	Scroll	2	31	16.7	623
2SRLCH-20AU-225	209	15.8	260	42	1.6	Scroll	2	41.8	23.6	1001
2SRLCH-30AU-300	305	23.7	386	61	3.2	Scroll	2	59.3	33.5	1166
2SRLCH-40AU-450	411	32.6	522	82	4.6	Scroll	2	78.5	45.6	1626
2SRLCH-50AU-600	526	40.9	665	105	6.5	Scroll	2	96.5	55.6	1800
2SRLCH-60AU-600	634	49.1	801	127	9.0	Scroll	2	109.6	65.1	1830
4SRLCH-60AU-600	610	47	772	122	8.5	Scroll	4	114.8	64.6	1934
4SRLCH-80AU-900	822	65	1044	164	11.2	Scroll	4	157	90	3096
4SRLCH-100AU-1150	1052	82	1330	210	14.8	Scroll	4	193	111.2	3528
4SRLCH-120AU-1500	1268	98	1603	254	19.0	Scroll	4	230.6	135	4242

NOTE

- 1MBH = 1000 Btu/hr
- QE = Actual Cooling Capacity
- WC = Compressor Power Input (380V,3ϕ,50HZ)
- QC = Condenser Total Heat Rejection
- MPC = Maximum Power Consumption
- All above data are based on entering / leaving chilled water temperature of 56°F / 46°F and condensing temperature of 120°F - Refrigerant R22
- For more information about capacities in other condition, please refer to Unitary Air Cooled Chiller Catalogue
- The above data is subject to change without prior notice.

Performance Data (Reciprocating Compressor)

Model	QE	WC	QC	Evaporator		Compressor		MPC		Weight (kg)
	MBH	kW	MBH	GPM	PD (ft.wg)	Type	Qty	Amp	kW	
1SRLCR-5AU-75	53	4.5	68	11	0.3	Recip.	1	11.5	6.4	318
1SRLCR-7.5AU-110	81	6.8	103	16	0.5	Recip.	1	18	10.15	500
1SRLCR-10AU-110	109	8.5	137	22	0.7	Recip.	1	21.65	12.2	554
1SRLCR-15AU-150	151	12.0	190	30	0.8	Recip.	1	28.9	16.4	645
1SRLCR-20AU-225	177	14.0	223	35	1.2	Recip.	1	36.4	20.7	899
1SRLCR-25AU-225	236	18.8	297	47	2.2	Recip.	1	46.5	26.6	1032
1SRLCR-30AU-300	273	21.6	343	55	2.7	Recip.	1	53	30	1113
1SRLCR-35AU-375	354	28.4	446	71	4.4	Recip.	1	69.3	39.6	1373
1SRLCR-40AU-450	406	32.4	511	81	5.1	Recip.	1	79.7	45	1483
1SRLCR-50AU-600	489	39.2	616	98	6.1	Recip.	1	98.6	52.9	1661
1SRLCR-60AU-600	569	47.9	724	114	8.0	Recip.	1	118.6	63.8	1804
2SRLCR-10AU-110	107	9.0	136	21	0.7	Recip.	2	23	12.8	599
2SRLCR-15AU-225	162	13.6	206	32	1.0	Recip.	2	36	20.3	918
2SRLCR-20AU-225	218	17.1	273	44	1.7	Recip.	2	43.3	24.4	1080
2SRLCR-30AU-300	302	23.9	379	60	3.2	Recip.	2	57.8	32.8	1191
2SRLCR-40AU-375	355	28	446	71	3.9	Recip.	2	67.1	38.7	1432
2SRLCR-50AU-450	472	38	593	94	5.9	Recip.	2	89.2	51.4	1654
2SRLCR-60AU-600	546	43	686	109	6.3	Recip.	2	102.2	57.6	1816
2SRLCR-70AU-750	707	57	892	141	8.8	Recip.	2	136.7	77.4	2152
2SRLCR-80AU-900	812	65	1022	162	11.1	Recip.	2	159.4	88.8	2744
2SRLCR-100AU-1150	977	78	1231	195	13.0	Recip.	2	197.2	105.8	3095
2SRLCR-120AU-1150	1137	96	1448	227	16.4	Recip.	2	237.2	127.6	3391
4SRLCR-80AU-750	710	56	891	142	9.0	Recip.	4	132.3	75.6	2356
4SRLCR-100AU-900	943	75	1186	189	12.1	Recip.	4	178.4	101.6	3191
4SRLCR-120AU-1150	1092	86	1372	218	15.9	Recip.	4	204.4	115.2	3525
4SRLCR-140AU-1500	1415	114	1784	283	17.4	Recip.	4	273.4	154.8	4368
4SRLCR-160AU-1800	1624	130	2044	325	22.5	Recip.	4	307.4	172.8	4772
4SRLCR-200AU-2000	1954	157	2463	391	30.5	Recip.	4	383	206.8	5664
4SRLCR-240AU-2800	2275	192	2896	455	33.1	Recip.	4	480.1	257.6	7502

NOTE

- 1MBH = 1000 Btu/hr
- QE = Actual Cooling Capacity
- WC = Compressor Power Input (380V,3ϕ,50HZ)
- QC = Condenser Total Heat Rejection
- MPC = Maximum Power Consumption
- All above data are based on entering / leaving chilled water temperature of 56°F / 46°F and condensing temperature of 120°F - Refrigerant R22
- For more information about capacities in other condition, please refer to Unitary Air Cooled Chiller Catalogue
- The above data is subject to change without prior notice.

Performance Data (Screw Compressor)

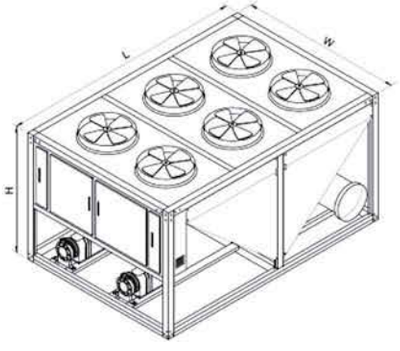
Model	QE	WC	QC	Evaporator		Compressor		MPC		Weight (kg)
	MBH	kW	MBH	GPM	PD (ft.wg)	Type	Qty	Amp	kW	
1SRLCS-50AU-450	411	36.6	524	82	4.6	Screw	1	89.2	52.4	1769
1SRLCS-60AU-600	516	45.4	656	103	6.8	Screw	1	107.1	63.1	1897
1SRLCS-70AU-750	595	54.3	761	119	7.1	Screw	1	127.6	75.4	2338
1SRLCS-80AU-750	686	61.0	873	137	8.0	Screw	1	141.1	83.5	2463
1SRLCS-90AU-900	832	70.3	1047	166	11.1	Screw	1	163.6	97.7	3164
1SRLCS-110AU-900	988	84.4	1247	198	12.0	Screw	1	199.3	118	3536
1SRLCS-125AU-1150	1126	96.2	1422	225	11.4	Screw	1	224.8	133.1	3790
1SRLCS-140AU-1500	1340	116.6	1698	268	16.9	Screw	1	273.2	161.1	4,580
1SRLCS-160AU-1500	1505	125.0	1888	301	21.0	Screw	1	278.2	163.3	4880
1SRLCS-180AU-1800	1753	142.3	2190	351	26.1	Screw	1	317.2	183.9	5490
1SRLCS-210AU-2000	2066	163.5	2568	413	28.9	Screw	1	373.2	223.4	6608
2SRLCS-100AU-900	823	73.1	1048	165	9.7	Screw	2	178.4	103.6	3306
2SRLCS-120AU-1150	1033	90.8	1312	207	13.9	Screw	2	214.2	126.2	3582
2SRLCS-140AU-1500	1189	108.5	1522	238	13.0	Screw	2	255.2	150.8	4752
2SRLCS-160AU-1500	1372	121.9	1747	274	17.5	Screw	2	282.2	167	5041
2SRLCS-180AU-1800	1663	141	2095	333	24.0	Screw	2	315.8	190.6	5651
2SRLCS-220AU-2000	1976	169	2495	395	26.6	Screw	2	387.2	231.2	7349
2SRLCS-250AU-2800	2252	192	2843	450	33.7	Screw	2	455.3	268.6	8661
2SRLCS-280AU-2800	2680	233	3396	536	34.6	Screw	2	529.3	315	8870
4SRLCS-200AU-1800	1646	146	2095	329	23.8	Screw	4	345.4	202.4	6111
4SRLCS-240AU-2000	2066	182	2623	413	32.2	Screw	4	417	247.6	7045
4SRLCS-280AU-2800	2378	217	3045	476	33.9	Screw	4	493.3	294.4	9096
4SRLCS-320AU-2800	2745	244	3493	549	18.0	Screw	4	547.3	326.8	9765
4SRLCS-360AU-3200	3326	281	4189	665	24.5	Screw	4	614.5	374	10485

NOTE

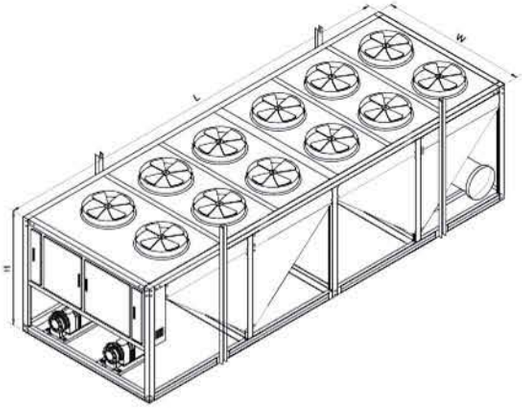
- 1MBH = 1000 Btu/hr
- QE = Actual Cooling Capacity
- WC = Compressor Power Input (380V,3ϕ,50HZ)
- QC = Condenser Total Heat Rejection
- MPC = Maximum Power Consumption
- All above data are based on entering / leaving chilled water temperature of 56°F / 46°F and condensing temperature of 120°F - Refrigerant R22
- For information about capacities in other condition, please refer to Unitary Air Cooled Chiller Catalogue
- The above data is subject to change without prior notice.

Dimensions of Unitary Air Cooled Chiller (Based on Condenser Models)

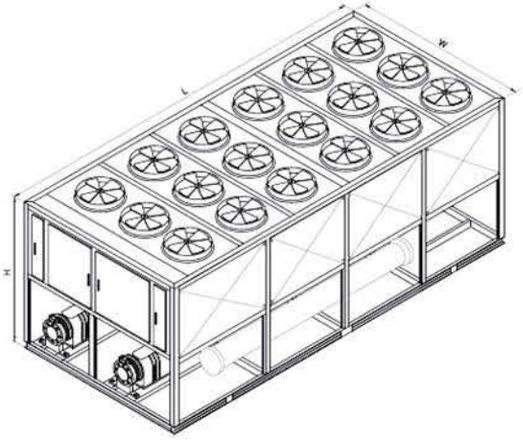
Model	Coil Type	L	W	H
...-075	F-Type	1440	1200	1400
...-110	F-Type	1440	2100	1400
...-150	F-Type	1440	2100	1400
...-225	V-Type	2120	2100	1450
...-300	V-Type	2120	2100	1450
...-375	V-Type	3010	2100	1450
...-450	V-Type	3010	2100	1750
...-600	V-Type	3100	2400	2200
...-750	V-Type	3800	2400	2200



Model	Coil Type	L	W	H
...-900	W-Type	4850	2400	2350
...-1150	W-Type	4850	2400	2350
...-1500	W-Type	6500	2700	2400
...-1800	W-Type	6500	2700	2400
...-2000	W-Type	6500	3000	2500



Model	Coil Type	L	W	H
...-2800	W-Type	7000	3300	2890
...-3200	W-Type	7000	3300	3090



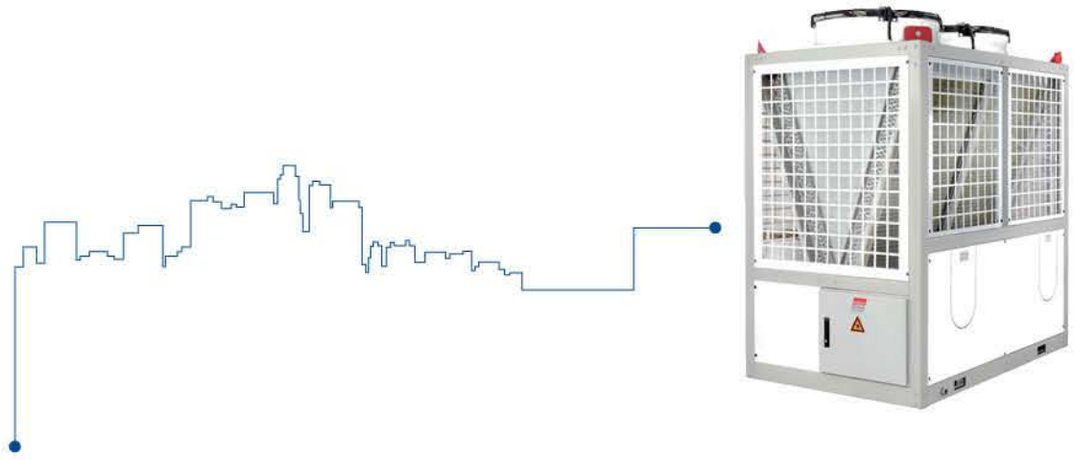
NOTE

- All dimensions are in mm
- All dimensions are based on Condenser model of Unitary Air Cooled Chiller.
- The overall height of the air-cooled chiller will be increased approximately 280 ~ 320 mm base on the condenser fan type
- The above data is subject to change without prior notice.

MODULAR AIR COOLED CHILLER

Features

- Available in 3 different basic models with cooling capacities of 16,24 and 32 tons of refrigeration
- Ability to achieve higher capacity by modules combination (up to 6 modules setup available)
- Scroll compressors
- Possibility to use shell & tube or plate type evaporator
- Power and control panel with full protection
- Safety controls including high and low pressure switches, motor overload protection, flow switch and anti freeze control
- HCFC refrigerants and environmental friendly refrigerants (R22, R134a, R407C...)
- Possibility to use PLC control
- Statically and dynamically balanced propeller fan with minimum noise level
- Possibility to use copper or aluminum fins for condenser coils
- Easy to maintenance



Performance Data

Model	Capacity (MBH)	Evaporator		Condenser FAN Qty	Compressor		Maximum Power		Weight (kg)
		GPM	PD (ft.wg)		Type	Qty	Amp	kW	
2SRLCM - 16A	157	31.4	1.2	2	Scroll	2	31.0	16.7	850
2SRLCM - 24A	238	47.6	2.0	2	Scroll	2	42.3	24.2	1000
2SRLCM - 32A	305	61.0	3.2	2	Scroll	2	57.4	32.3	1300

NOTE

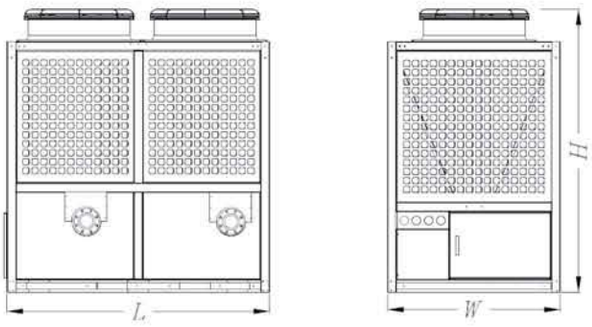
- MBH = 1000 Btu/hr
- Capacities are based on entering / leaving chilled water temperature of 56°F / 46°F and ambient temperature of 100°F - Refrigerant R22
- Modular air cooled chillers can be combined to each other (the same models allowed) to getting the higher cooling capacity
- For information about capacities in other condition, please refer to Modular Air Cooled Chiller Catalogue.

Dimensions

Model	L	W	H	Evap. Connections
2SRLCM - 16A	1800	1220	1950	2 × 2"
2SRLCM - 24A	1800	1220	2100	2 × 2 1/2"
2SRLCM - 32A	2050	1350	2270	2 × 3"

NOTE

- All dimensions are in mm.
- the above data is subjects to change without prior notice.



MINI CHILLER

Features

- Available in 4 different basic models with cooling capacity range of 3 ~ 10 tons of refrigeration
- Scroll compressors
- Plate type evaporator
- Power and control panel with full protection
- Safety controls including high and low pressure switches, motor overload protection, flow switch and anti freeze control
- HCFC refrigerants and environmental friendly refrigerants (R22, R134a, R407C...)
- Possibility to using copper or aluminum fins for condenser coils
- Low Power consumption
- Compact design
- Equipped with water pump
- Easy to maintenance and disassemble
- Statically and dynamically balanced propeller fan with minimum noise level

Performance Data

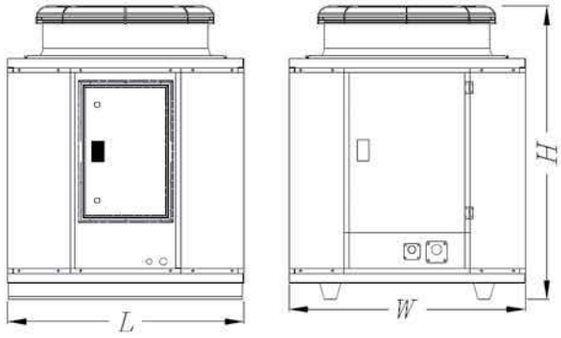
Model	Capacity (MBH)	Flow Rate (GPM)	Cond. FAN Qty	Compressor		Power Source	Maximum Power		Weight (kg)
				Type	Qty		Amp	kW	
1SRLCL - 3A	32.8	6.6	1	Scroll	1	230V/1ϕ /50Hz	25.5	5.3	385
1SRLCL - 3A	32.8	6.6	1	Scroll	1	380V/3ϕ /50Hz	11.4	5.4	385
1SRLCL - 5A	48.6	9.7	1	Scroll	1	380V/3ϕ /50Hz	13.4	6.4	410
1SRLCL - 7.5A	78.4	15.7	1	Scroll	1	380V/3ϕ /50Hz	20.8	9.5	480
1SRLCL - 10A	104.5	20.9	1	Scroll	1	380V/3ϕ /50Hz	24.3	12.1	520

NOTE

- MBH = 1000 Btu/hr
- Capacities are based on entering / leaving chilled water temperature of 56°F / 46°F and ambient temperature of 100°F - Refrigerant R22
- For information about capacities in other condition, please refer to Mini Chiller Catalogue.

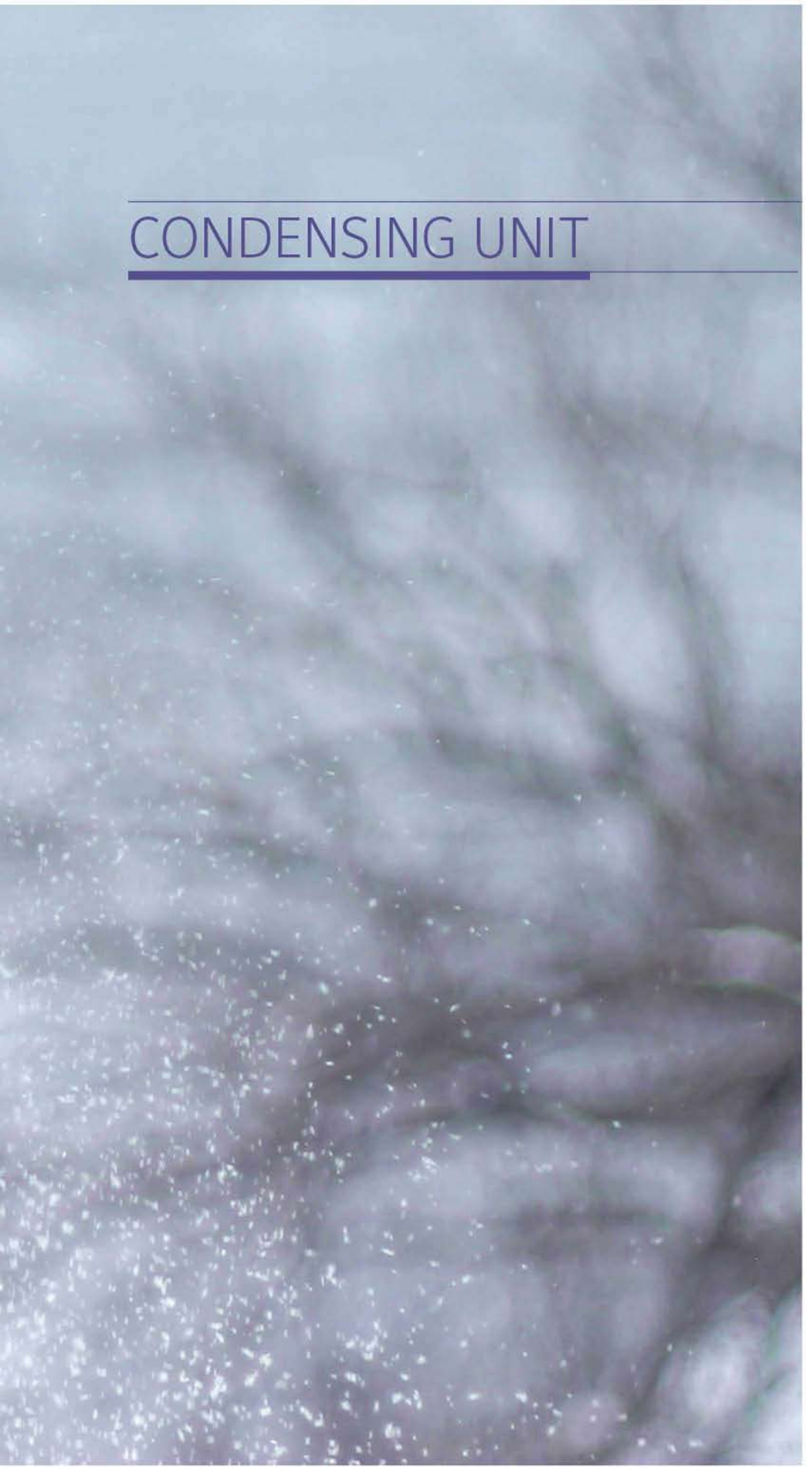
Dimensions

Model	L	W	H	Evap. Connections
1SRLCL - 3A	950	900	1060	2 × 1"
1SRLCL - 5A	950	900	1060	2 × 1 1/4"
1SRLCL - 7.5A	1000	1000	1280	2 × 1 1/2"
1SRLCL - 10A	1000	1000	1280	2 × 1 1/2"



NOTE

- All dimensions are in mm
- The above data is subject to change without prior notice.



CONDENSING UNIT

CONDENSING UNIT

Features

- Available in different models with cooling capacity range of 5~720 tons of refrigeration
- Screw/Scroll/Reciprocating compressors
- Power and control panel with full protection
- Safety controls including high and low pressure switches, oil pressure safety cut-out, motor overload protection, flow switch and anti freeze control
- HCFC refrigerants and environmental friendly refrigerants (R22, R134a, R407C...)
- Possibility to use PLC Control.
- Statically and dynamically balanced propeller fan with minimum noise level
- Possibility to using copper or aluminum fins for condenser coils
- Possibility to use inner groove copper tubes to increase heat transfer
- Ability to create anti corrosion coating upon request
- Easy to maintenance
- Suitable for air conditioning and industrial applications

Performance Data

Model	Capacity (MBH)	THR (MBH)	Compressor		Maximum Power		Weight (kg)
			Type	Qty	Amp	kW	
1SRCU-10A-110	132	161	Recip./Scroll	1	21.7	12.2	470
1SRCU-15A-150	183	223	Recip./Scroll	1	28.9	16.4	550
1SRCU-20A-225	214	262	Recip./Scroll	1	36.4	20.7	760
1SRCU-25A-225	284	347	Recip./Scroll	1	46.5	26.6	880
1SRCU-30A-300	329	401	Recip./Scroll	1	53.0	30.0	950
1SRCU-35A-375	426	522	Recip.	1	69.3	39.6	1200
1SRCU-40A-450	489	599	Recip.	1	79.7	45.0	1300
1SRCU-50A-600	588	720	Recip./Screw	1	98.6	52.9	1410
1SRCU-60A-750	677	839	Recip./Screw	1	124.3	66.2	1550
1SRCU-70A-750	709	881	Screw	1	127.6	75.4	1750
1SRCU-80A-900	818	1011	Screw	1	146.8	85.9	2100
1SRCU-90A-1150	986	1206	Screw	1	162.8	97.7	2600
2SRCU-10A-110	128	160	Recip./Scroll	2	23.0	12.8	510
2SRCU-15A-225	194	240	Recip./Scroll	2	36.0	20.3	780
2SRCU-20A-225	264	322	Recip./Scroll	2	43.3	24.4	920
2SRCU-30A-300	366	446	Recip./Scroll	2	57.8	32.8	1050
2SRCU-40A-375	428	524	Recip./Scroll	2	67.1	38.7	1220
2SRCU-50A-450	568	694	Recip./Scroll	2	89.2	51.4	1400
2SRCU-60A-600	658	802	Recip./Scroll	2	102.2	57.6	1550
2SRCU-70A-750	852	1044	Recip.	2	136.7	77.4	1830
2SRCU-80A-900	978	1198	Recip.	2	159.4	88.8	2330
2SRCU-100A-1150	1176	1440	Recip./Screw	2	197.2	105.8	2730
2SRCU-120A-1150	1354	1678	Recip./Screw	2	237.2	127.6	3000
2SRCU-140A-1500	1418	1762	Screw	2	255.2	150.8	4000
2SRCU-160A-1800	1636	2022	Screw	2	282.2	167.0	4500
2SRCU-180A-2000	1972	2412	Screw	2	315.8	190.6	5000
4SRCU-80A-750	856	1048	Recip./Scroll	4	132.3	75.6	2000
4SRCU-100A-900	1136	1388	Recip./Scroll	4	178.4	101.6	2700
4SRCU-120A-1150	1316	1604	Recip./Scroll	4	204.4	115.2	3000
4SRCU-140A-1500	1704	2088	Recip.	4	273.4	154.8	3700
4SRCU-160A-1800	1956	2396	Recip.	4	307.4	172.8	4050
4SRCU-200A-2000	2352	2880	Recip./Screw	4	383.0	206.8	4800
4SRCU-240A-2800	2708	3356	Recip./Screw	4	480.1	257.6	6350
4SRCU-280A-2800	2836	3524	Screw	4	561.4	323.2	7300
4SRCU-320A-3200	3272	4044	Screw	4	638.5	365.2	8000
4SRCU-360A-3200	3944	4824	Screw	4	702.5	412.4	9200

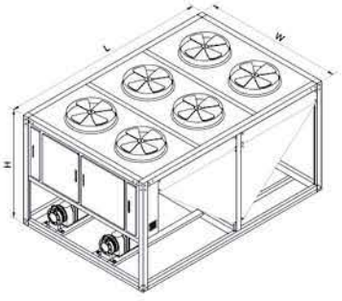
NOTE

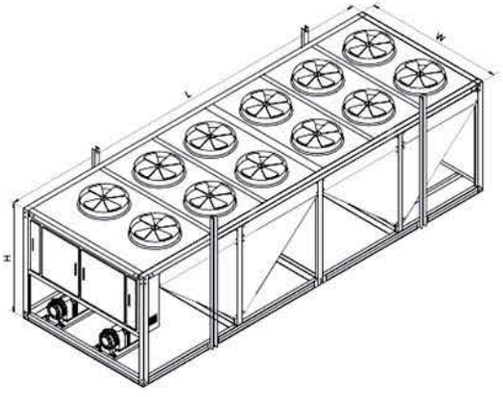
- MBH = 1000 Btu/hr
- THR = Total Heat Rejection
- Capacities are based on 50°F evaporating temperature and Condensing temperature of 120°F - Refrigerant R22 (Recip. Compressor)
- For more information about capacities in other condition, please refer to Condensing Unit Catalogue
- The above data is subject to change without prior notice.

Dimensions of Condensing unit

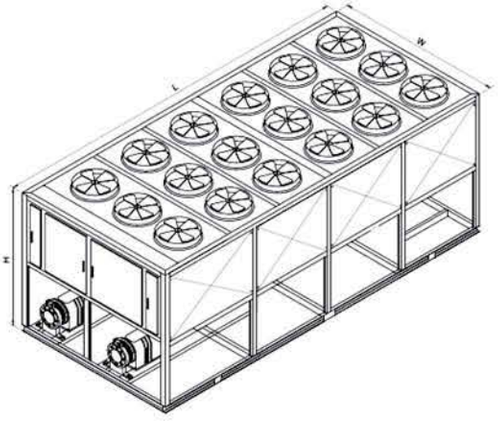
(Based on Condenser Models)

Model	Coil Type	L	W	H
...-075	F-Type	1440	1200	1400
...-110	F-Type	1440	2100	1400
...-150	F-Type	1440	2100	1400
...-225	V-Type	2120	2100	1450
...-300	V-Type	2120	2100	1450
...-375	V-Type	3010	2100	1450
...-450	V-Type	3010	2100	1750
...-600	V-Type	3100	2400	2200
...-750	V-Type	3800	2400	2200





Model	Coil Type	L	W	H
...-900	W-Type	4850	2400	2350
...-1150	W-Type	4850	2400	2350
...-1500	W-Type	6500	2700	2400
...-1800	W-Type	6500	2700	2400
...-2000	W-Type	6500	3000	2500



Model	Coil Type	L	W	H
...-2800	W-Type	7000	3300	2890
...-3200	W-Type	7000	3300	3090

NOTE

- All dimensions are in mm
- All dimensions are based on Condenser model of Condensing unit
- The overall height of the Condensing Unit will be increased approximately 280 ~ 320 mm based on the condenser fan type
- The above data is subject to change without prior notice.

Air Cooled Condenser

AIR COOLED CONDENSER

Features

- Power and control panel with full protection
- Statically and dynamically balanced propeller fans with minimum noise level
- Possibility to use copper or aluminum fins
- Ability to use inner groove copper tubes to increase heat transfer
- Ability to create anti corrosion coating upon request
- Easy to maintenance
- Suitable for air conditioning and industrial applications

Performance Data

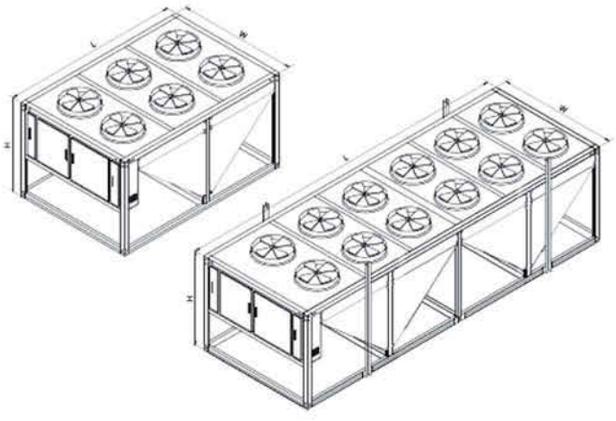
Model	Capacity (MBH)	Propeller Fan				Coil		Maximum Power Consumption		No. of Circuits	Weight (kg)
		Qty	Dia (mm)	RPM	Total CFM	Rows Deep	Face Area (Sq.ft)	kW	Amp		
SRAC-075	76	1	710	900	6500	3	8.7	0.9	1.9	1	173
SRAC-110	165	2	710	900	13000	3	18.3	1.8	3.8	1,2	325
SRAC-150	186	2	710	900	14000	3	21.3	1.8	3.8	1,2	353
SRAC-225	333	4	710	900	25600	3	36.8	3.6	7.6	1,2	622
SRAC-300	387	4	710	900	28800	3	44.6	3.6	7.6	1,2	675
SRAC-375	492	5	710	900	36000	3	58.1	4.5	9.5	1,2	855
SRAC-450	576	6	710	900	43200	3	65.9	5.4	11.4	1,2	943
SRAC-600	709	4	800	900	50000	3	80.9	4.8	11.4	1,2	1049
SRAC-750	896	6	800	900	63000	3	94.9	7.2	17.1	1,2	1214
SRAC-900	1187	8	800	900	88000	3	131.1	9.6	22.8	1,2,4	1736
SRAC-1150	1358	8	800	900	80000	4	131.1	9.6	22.8	1,2,4	1957

NOTE

- MBH = 1000 Btu/hr
- Above given values are based on sea level altitude, ΔTcond=20°F, 12 FPI Fin Spacing and R22
- For different altitude and coil FPI (8 or 10), please refer to Air Cooled Condenser Catalogue.

Dimensions

Model	L	W	H
SRAC-075	1440	1200	1300
SRAC-110	1440	2100	1300
SRAC-150	1440	2100	1300
SRAC-225	2120	2100	1350
SRAC-300	2120	2100	1350
SRAC-375	3010	2100	1350
SRAC-450	3010	2100	1650
SRAC-600	3100	2400	1600
SRAC-750	3800	2400	1600
SRAC-900	4850	2400	1450
SRAC-1150	4850	2400	1450



NOTE

- All dimensions are in mm
- All above data is subject to change without prior notice.

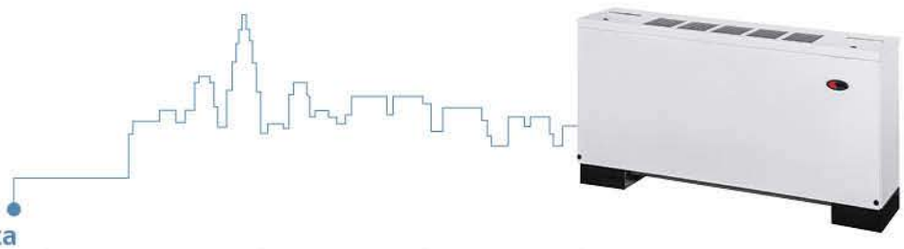
FAN COIL

Classic Fancoil
Decorative Fancoil
Ceiling Concaled Fancoil
Wall Mounted Fancoil
Cassette Fancoil
Ducted Fancoil

CLASSIC FANCOIL

Features

- Available in 7 different models with air flow rates from 200 to 1200 CFM
- Multi position unit type (floor and ceiling)
- Cleanable & removable filters
- Quiet operation
- High efficiency heat transfer surface
- 3 rows depth arrangement for coils
- Centrifugal ABS fan& ABS housing
- 3 speeds electrical motor
- Minimum noise level



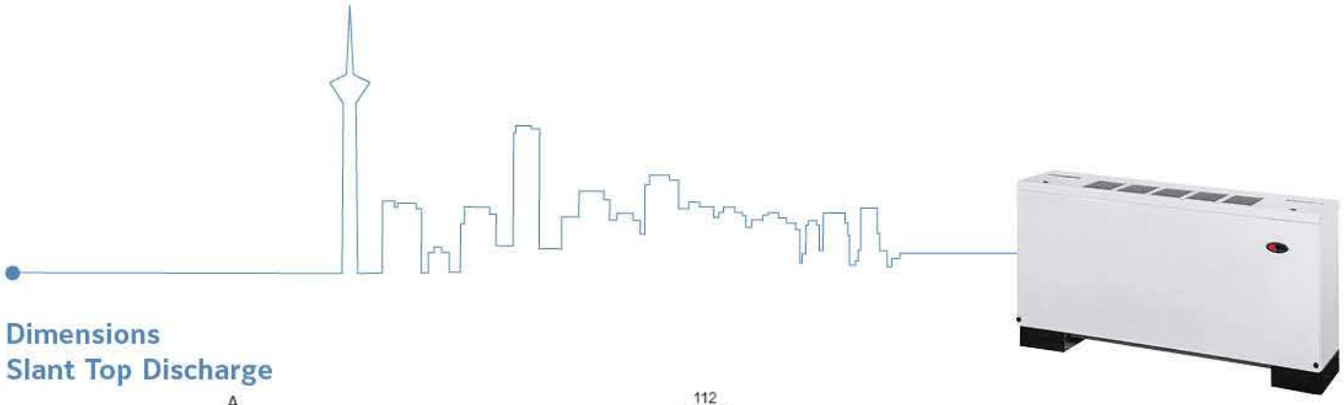
Technical Data

Model		SRFC-200	SRFC-300	SRFC-400	SRFC-600
Nominal Air Flow Rate (CFM)		200	300	400	600
Total Heating Capacity (Btu/hr)		20750	30420	37970	52080
Total Cooling Capacity (Btu/hr)		8970	12830	15960	21700
Coil Data	Fins Per Inch	12			
	No. of Rows	3			
Weight (kg)		24.5	29.5	31.5	36
No. of Motors		1			
Nominal Power (W)		25	25	25	30
Rated Current (Amp)		0.22	0.19	0.22	0.33
Drain Pipe		3/4"			
Noise (dBA)		41	40	38	39

Model		SRFC-800	SRFC-1000	SRFC-1200
Nominal Air Flow Rate (CFM)		800	1000	1200
Total Heating Capacity (Btu/hr)		66110	79770	93060
Total Cooling Capacity (Btu/hr)		27930	34920	41710
Coil Data	Fins Per Inch	12		
	No. of Rows	3		
Weight (kg)		45.5	56	68
No. of Motors		2		
Nominal Power (W)		25 & 30	25	30
Rated Current (Amp)		0.48	0.52	0.66
Drain Pipe		3/4"		
Noise (dBA)		38	40	41

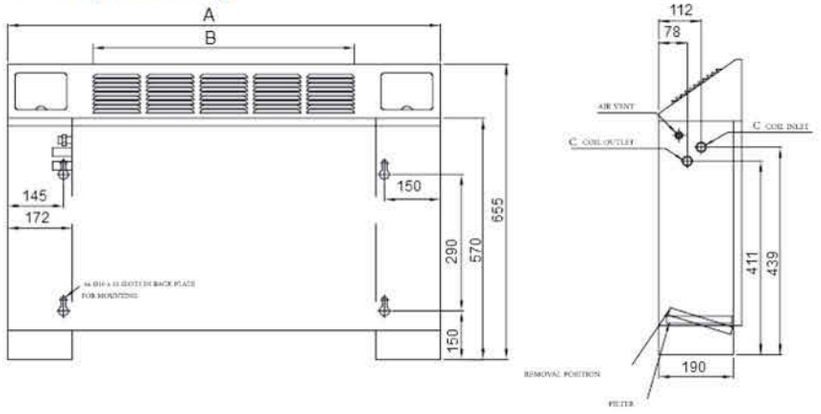
NOTE

- Cooling capacities are based on entering chilled water temperature of 44°F and entering air temperature of 80°F DB / 67°F WB at fan high speed.
- Heating capacities are based on entering hot water temperature of 180°F and entering air temperature of 68°F DB at fan high speed.
- For information about capacities in other condition, please refer to Classic Fan Coil Catalogue.
- The above data is subject to change without prior notice.

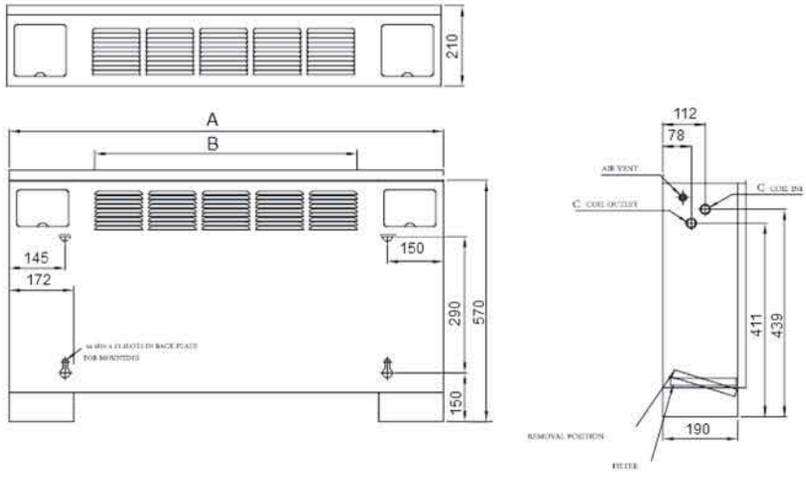


Dimensions

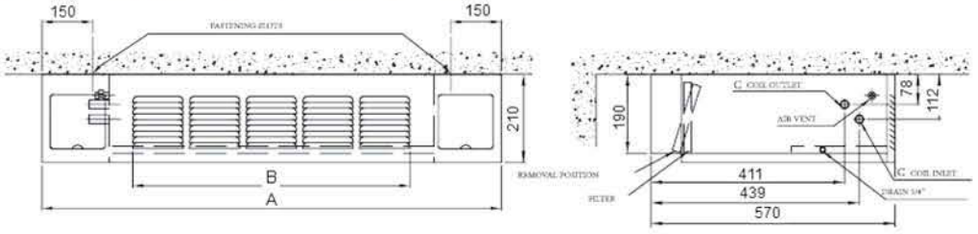
Slant Top Discharge



Top & Front Discharge



Horizontal Ceiling Mounted, Exposed



Model	SRFC- 200	SRFC- 300	SRFC- 400	SRFC- 600	SRFC- 800	SRFC- 1000	SRFC- 1200
A	920	1120	1220	1360	1620	1920	2270
B	510	640	780	910	1180	1440	1840

NOTE

- All dimensions are in mm
- The above data is subject to change without prior notice.


SARAN MFG Group
23.5
A
AUTO

DECORATIVE FANCOIL

Features

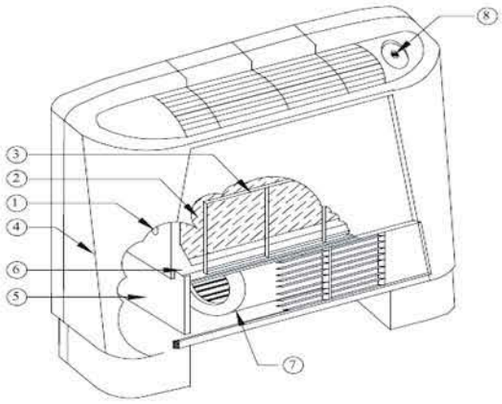
- Available in 5 different models with air flow rates from 200 to 800 CFM
- Multi position unit type (floor and ceiling)
- Cleanable & removable filters
- Quiet operation
- High efficiency heat transfer surface
- 3 rows deep arrangement for coils
- Centrifugal ABS fan& ABS housing
- 3 speeds electrical motor
- Minimum noise level

Technical Data

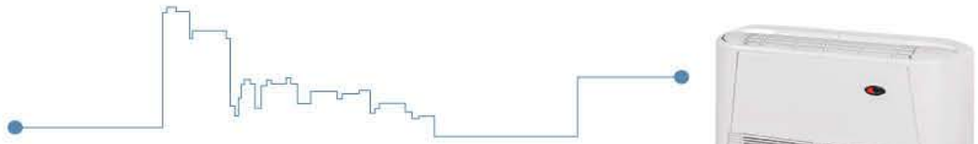
Model		SRFCD-200	SRFCD-300	SRFCD-400	SRFCD-600	SRFCD-800
Nominal Air Flow Rate (CFM)		200	300	400	600	800
Total Heating Capacity (Btu/hr)		22930	31250	40530	53340	67930
Total Cooling Capacity (Btu/hr)		10700	13960	17780	22220	28670
Coil Data	Fins Per Inch			12		
	No. of Rows			3		
Weight (kg)		25	26	32	33	42
No. of Motors				1		2
Nominal Power (W)		25	25	25	30	25 & 30
Rated Current (Amp)		0.22	0.26	0.22	0.33	0.54
Drain Pipe				3/4"		
Noise (dBA)		41	40	38	39	38

NOTE

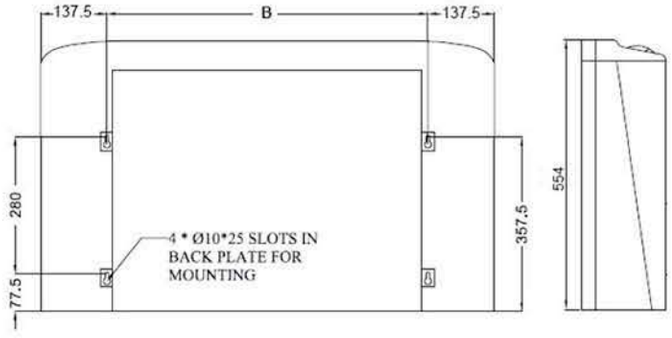
- Cooling capacities are based on entering chilled water temperature of 44°F and entering air temperature of 80°F DB/ 67°F WB at fan high speed.
- Heating capacities are based on entering hot water temperature of 180°F and entering air temperature of 68°F DB at fan high speed.
- For information about capacities in other condition, please refer to Decorative Fan Coil Catalogue.
- The above data is subject to change without prior notice.



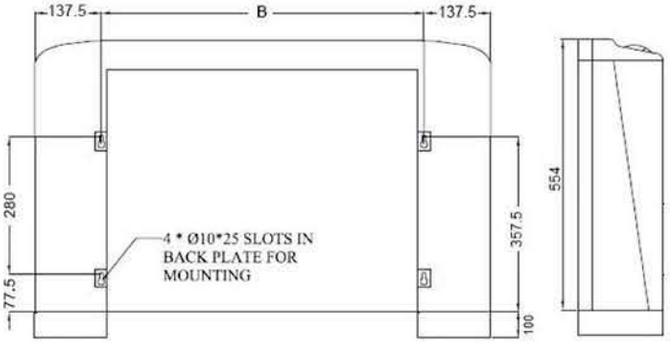
① Wet Connections
② Exchange Bank
③ Air Filter
④ Cabinet
⑤ Bearing Structure
⑥ Condensation Tray
⑦ Motor And Fan
⑧ Control Panel



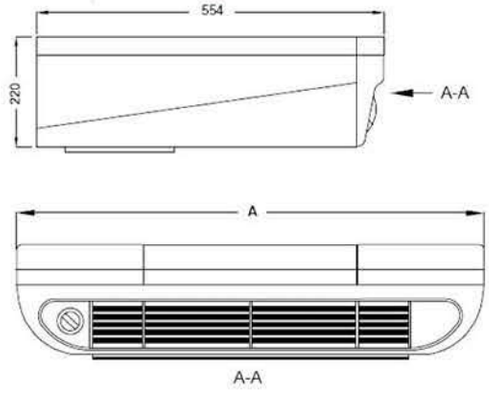
Dimensions
Vertical Floor Standing



Vertical Wall Mounted



Horizontal Ceiling Mounted



Model	SRFCD-200	SRFCD-300	SRFCD-400	SRFCD-600	SRFCD-800
A	945	945	1195	1195	1445
B	670	670	920	920	1170

NOTE

- All dimensions are in mm
- The above data is subject to change without prior notice.

CEILING CONCEALED FANCOIL

Features

- Available in 7 different models with air flow rates from 200 to 1200 CFM
- Cleanable &removable filters
- Quiet operation
- High efficiency heat transfer surface
- 3 rows depth arrangement for coils
- Centrifugal ABS fan & ABS housing
- 3 speeds electrical motor
- Minimum noise level

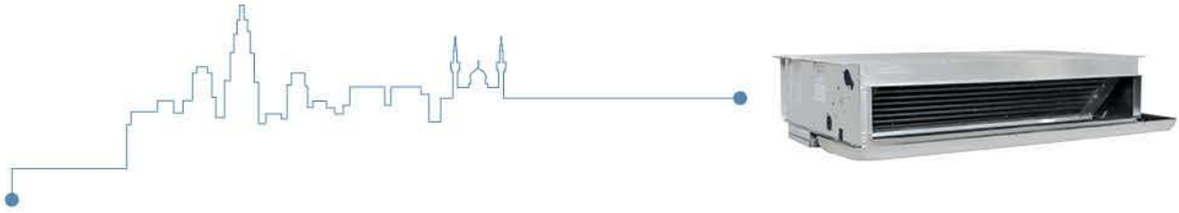
Technical Data

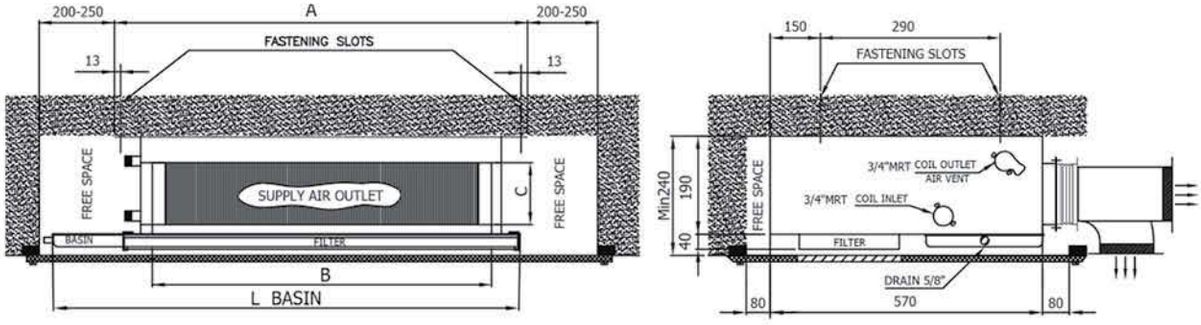
Model		SRFCHC-200	SRFCHC-300	SRFCHC-400	SRFCHC-600
Nominal Air Flow Rate (CFM)		200	300	400	600
Total Heating Capacity (Btu/hr)		20750	30420	37970	52080
Total Cooling Capacity (Btu/hr)		8970	12830	15960	21700
Coil Data	Fins Per Inch	12			
	No. of Rows	3			
Weight (kg)		19	23	25.5	29.5
No. of Motors		1			
Nominal Power (W)		25	25	25	30
Rated Current (Amp)		0.22	0.19	0.22	0.33
Drain Pipe		3/4"			
Noise (dBA)		41	40	38	39

Model		SRFCHC-800	SRFCHC-1000	SRFCHC-1200
Nominal Air Flow Rate (CFM)		800	1000	1200
Total Heating Capacity (Btu/hr)		66110	79770	93060
Total Cooling Capacity (Btu/hr)		27930	34920	41710
Coil Data	Fins Per Inch	12		
	No. of Rows	3		
Weight (kg)		38	49	53.5
No. of Motors		2		
Nominal Power (W)		25 & 30	25	30
Rated Current (Amp)		0.48	0.52	0.66
Drain Pipe		3/4"		
Noise (dBA)		38	40	41

NOTE

- Cooling capacities are based on entering chilled water temperature of 44°F and entering air temperature of 80°F DB / 67°F WB at fan high speed.
- Heating capacities are based on entering hot water temperature of 180°F and entering air temperature of 68°F DB at fan high speed.
- For information about capacities in other condition, please refer to Classic Fan Coil Catalogue.
- The above data is subject to change without prior notice.





Dimensions

Model	A	B	C	L
SRFCHC-200	650	540	155	810
SRFCHC-300	850	740	155	1060
SRFCHC-400	950	840	155	1060
SRFCHC-600	1090	980	155	1195
SRFCHC-800	1350	1240	155	1480
SRFCHC-1000	1650	1540	145	1720
SRFCHC-1200	2000	1860	145	2070

NOTE

- All dimensions are in mm
- The above data is subject to change without prior notice.

WALL MOUNTED FANCOIL

Features

- Available in 6 different models with air flow rates from 200 to 800 CFM
- Electronic remote control
- Cleanable & removable filters
- Quiet operation
- High efficiency heat transfer surface
- 2 rows deep arrangement for coils
- 3 speeds electrical motor
- Minimum noise level

Technical Data

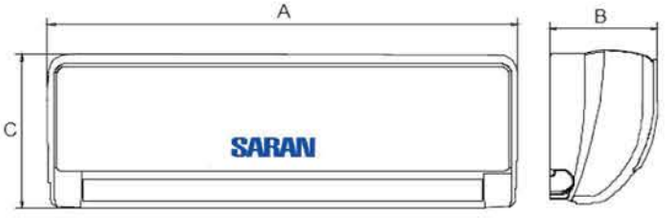
Model		SRFCW-200	SRFCW-300	SRFCW-400	SRFCW-500	SRFCW-600	SRFCW-800
Nominal Air Flow Rate (CFM)		200	300	400	500	600	800
Total Heating Capacity (Btu/hr)		15020	21390	28470	35570	42660	59640
Total Cooling Capacity (Btu/hr)		6770	9250	12340	15400	18440	27240
Coil Data	Fins Per Inch	20					
	No. of Rows	2					
Weight (kg)		11	11	13	15	16	20
No. of Motors		1					
Nominal Power (W)		52	52	62	76	96	134
Drain Pipe		1/2"					
Noise (dBA)		42	42	43	47	47	49

NOTE

- Cooling capacities are based on entering chilled water temperature of 44°F and entering air temperature of 80°F DB/ 67°F WB at fan high speed.
- Heating capacities are based on entering hot water temperature of 180°F and entering air temperature of 68°F DB at fan high speed.
- For information about capacities in other condition, please refer to Wall Mounted Fan Coil Catalogue.

Dimensions

Model	A	B	C
SRFCW- 200	850	198	300
SRFCW- 300	850	198	300
SRFCW- 400	850	198	300
SRFCW- 500	970	235	315
SRFCW- 600	970	235	315
SRFCW- 800	1100	235	330



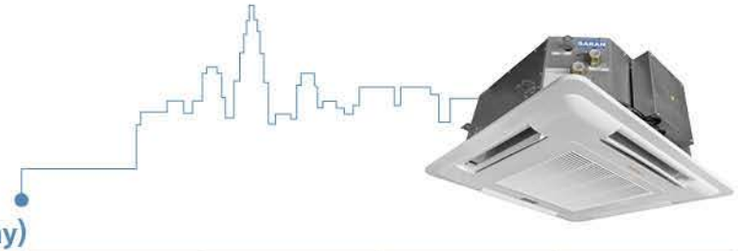
NOTE

- All dimensions are in mm
- The above data is subject to change without prior notice.

CASSETTE FANCOIL

Features

- Available in 11 different models with air flow rates from 200 to 1200 CFM
- Harmonic design
- Electronic remote control
- Cleanable & removable filters
- Quiet operation
- High efficiency heat transfer surface
- 2 rows deep arrangement for coils
- 1 way and 4 way air delivering type
- BMS connection ability
- High lift water pump design
- Water level switch protection



Technical Data (4-Way)

Model		SRFCC-4-300	SRFCC-4-400	SRFCC-4-500	SRFCC-4-600
Nominal Air Flow Rate (CFM)		300	400	500	600
Total Heating Capacity (Btu/hr)		20700	30510	34050	38940
Total Cooling Capacity (Btu/hr)		8950	13220	14740	16840
Coil Data	Fins Per Inch	16			
	No. of Rows	2			
Weight (kg)		23	23	24	30
No. of Motors		1			
Nominal Power (W)		50	57	67	90
Drain Pipe		3/4"			
Noise (dBA)		39	40	42	44

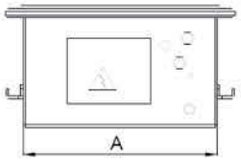
Model		SRFCC-4-800	SRFCC-4-1000	SRFCC-4-1200
Nominal Air Flow Rate (CFM)		800	1000	1200
Total Heating Capacity (Btu/hr)		60990	76100	89540
Total Cooling Capacity (Btu/hr)		26350	34610	40280
Coil Data	Fins Per Inch	16		
	No. of Rows	2		
Weight (kg)		31	32	33
No. of Motors		1		
Nominal Power (W)		131	145	186
Drain Pipe		3/4"		
Noise (dBA)		45	48	50

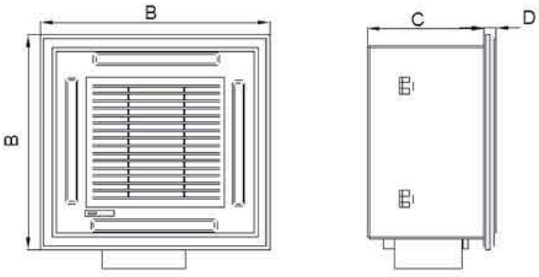
Technical Data (1-Way)

Model		SRFCC-1-200	SRFCC-1-300	SRFCC-1-400	SRFCC-1-500
Nominal Air Flow Rate (CFM)		300	400	500	600
Total Heating Capacity (Btu/hr)		9212	13818	18425	23031
Total Cooling Capacity (Btu/hr)		6142	9212	12283	15354
Coil Data	Fins Per Inch	16			
	No. of Rows	2			
Weight (kg)		22	22	23	23
No. of Motors		1			
Nominal Power (W)		37	52	62	76
Drain Pipe		3/4"			
Noise (dBA)		37	39	41	43

NOTE

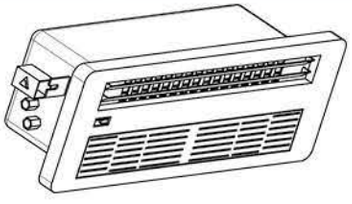
- Cooling capacities are based on entering chilled water temperature of 44°F and entering air temperature of 80°F DB / 67°F WB at fan high speed.
- Heating capacities are based on entering hot water temperature of 180°F and entering air temperature of 68°F DB at fan high speed.
- For information about capacities in other condition, please refer to Cassette Fan Coil Catalogue.
- The above data is subject to change without prior notice.

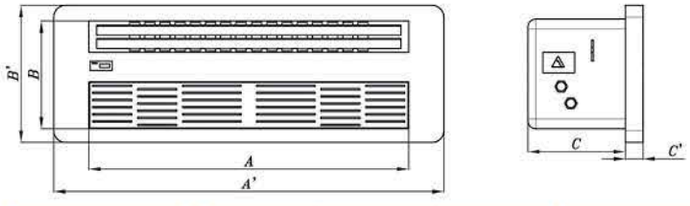




Dimensions

Model	A	B	C	D	Coil Connections
SRFCC-4-300	593	650	284	35	3/4"
SRFCC-4-400	593	650	284	35	3/4"
SRFCC-4-500	593	650	284	35	3/4"
SRFCC-4-600	835	950	250	27	3/4"
SRFCC-4-800	835	950	250	27	3/4"
SRFCC-4-1000	835	950	290	27	3/4"
SRFCC-4-1200	835	950	290	27	3/4"





Model	Unit			Panel			Coil Connections
	A	B	C	A'	B'	C'	
SRFCC-1-200	850	400	235	1040	470	18	3/4"
SRFCC-1-300	850	400	235	1040	470	18	3/4"
SRFCC-1-400	850	400	235	1040	470	18	3/4"
SRFCC-1-500	850	400	235	1040	470	18	3/4"

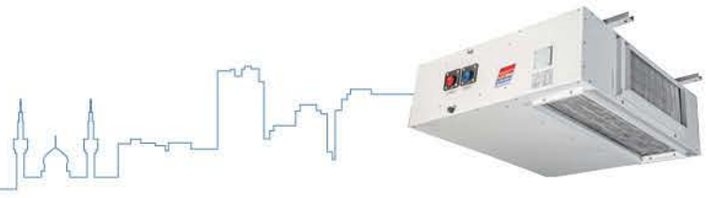
NOTE

- All dimensions are in mm.
- The above data is subject to change without prior notice.

DUCTED FANCOIL

Features

- Available in 7 different models with air flow rates from 800 to 2000 CFM
- Two inlet arrangement
- Cleanable aluminum filters
- Quiet operation
- High cooling and heating capacity surface
- 4 rows deep arrangement for coils
- Centrifugal ABS fan & galvanized/ABS housing
- 3 speeds electrical motor
- High static pressure
- Minimum noise level



Technical Data

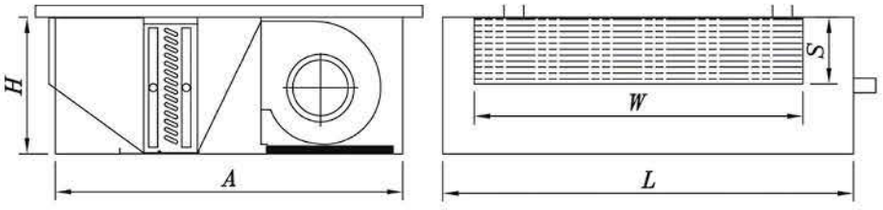
Model		SRDF-800	SRDF-1000	SRDF-1200	SRDF-1400
Nominal Air Flow Rate (CFM)		800	1000	1200	1400
Total Heating Capacity (Btu/hr)		67257	79813	96546	112095
Total Cooling Capacity (Btu/hr)		21544	28112	35997	42557
Coil Data	Fins Per Inch	8			
	No. of Rows	4			
Weight (kg)		74	77	88	88
No. of Motors		1			
Nominal Power (W)		215	300	300	430
Rated Current (Amp)		1	1.4	1.4	2
Drain Pipe		1/2"			
Noise (dBA)		56	62	63	63

Model		SRDF-1600	SRDF-1800	SRDF-2000
Nominal Air Flow Rate (CFM)		1600	1800	2000
Total Heating Capacity (Btu/hr)		125336	141982	158528
Total Cooling Capacity (Btu/hr)		44038	51746	59366
Coil Data	Fins Per Inch	8		
	No. of Rows	4		
Weight (kg)		111	115	122
No. of Motors		1		
Nominal Power (W)		790	850	900
Rated Current (Amp)		3.7	4	4.2
Drain Pipe		1/2"		
Noise (dBA)		63	63	62

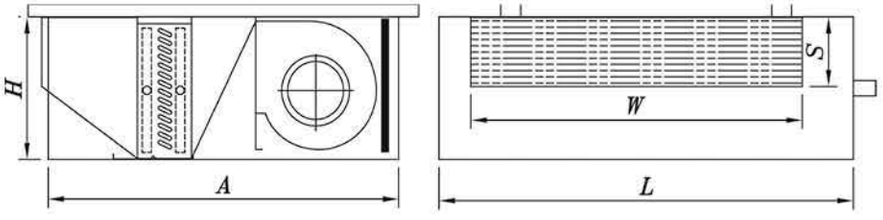
NOTE

- Cooling capacities are based on entering chilled water temperature of 44°F and entering air temperature of 80°F DB / 67°F WB at fan high speed.
- Heating capacities are based on entering hot water temperature of 180°F and entering air temperature of 70°F DB at fan high speed.
- For information about capacities in other condition, please refer to Ducted Fan Coil Catalogue.
- The above data is subject to change without prior notice.

Dimensions
Horizontal Ceiling Mounted, Bottom Intake



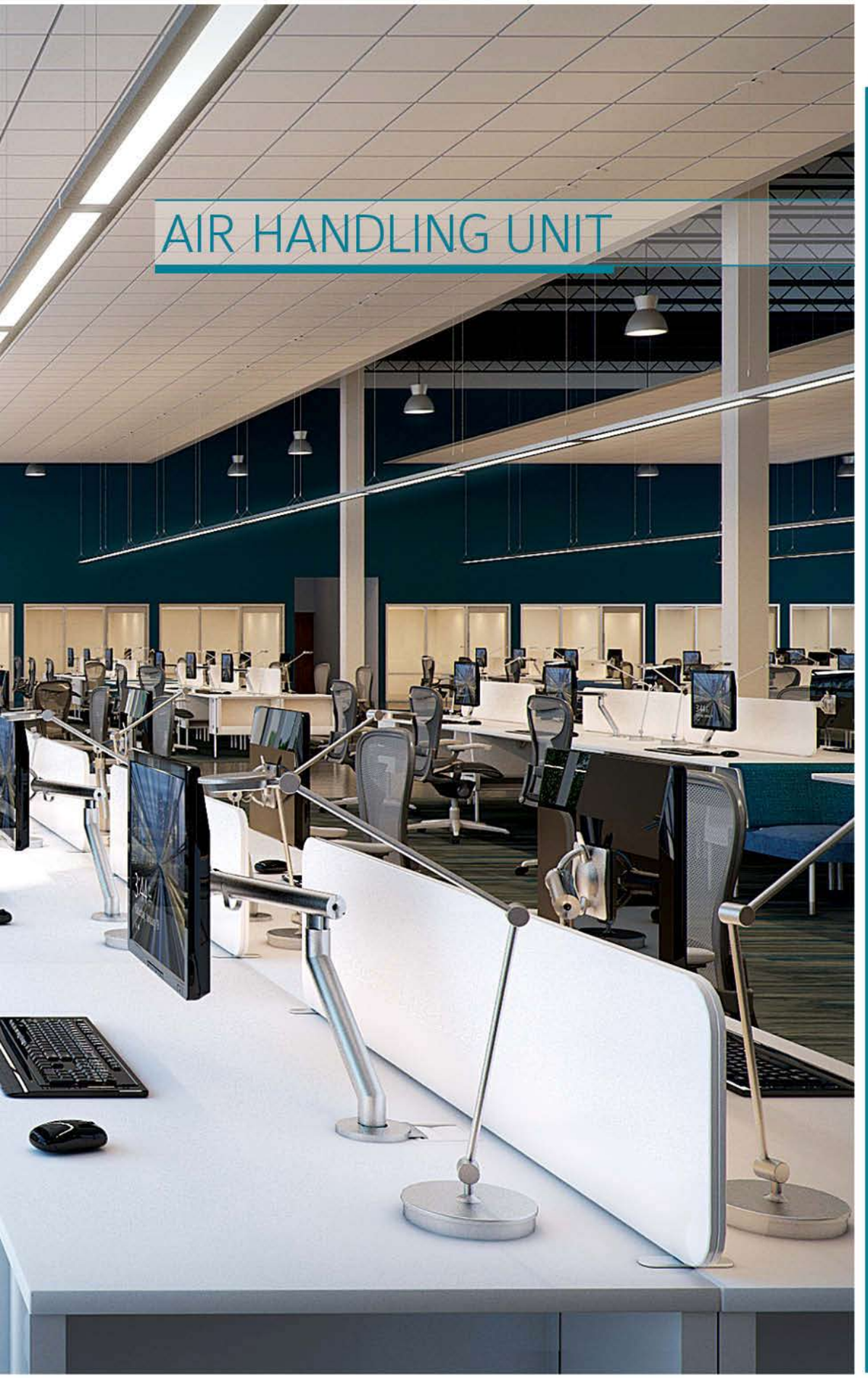
Horizontal Ceiling Mounted, Back Intake



Model	A	H	L	W	S	Coil Connections
SRDF-800	950	305	1005	700	180	1"
SRDF-1000	950	305	1005	820	180	1"
SRDF-1200	950	305	1150	970	180	1"
SRDF-1400	950	305	1250	1070	180	1 1/4"
SRDF-1600	1100	430	1155	840	260	1 1/4"
SRDF-1800	1100	430	1155	940	260	1 1/4"
SRDF-2000	1100	430	1250	1040	260	1 1/4"

NOTE

- All dimensions are in mm
- The above data is subject to change without prior notice.



AIR HANDLING UNIT

AIR HANDLING UNIT

Features

- Available in different models with air flow rate from 1500 to 50000 CFM
- Single and multi zone design
- Available in two different configuration type (vertical and horizontal)
- Centrifugal fans with forward curved, backward curved or airfoil blades
- Equipped with aluminum washable pre filters
- Opposed blade dampers (ability to equipped with motorized damper)
- DX or chilled water type cooling coils
- Steam, hot water or electrical type heating coils
- Ability to equipped with supply humidifier upon request (Steam, water spray or electrical)
- Ability to equipped with fine filter upon request

Chilled Water Coil Rating

Model	Nominal Air Flow (CFM)	EDB (°F)	EWB (°F)	4 ROW		6 ROW		8 ROW	
				Total load (MBH)	Sensible load (MBH)	Total load (MBH)	Sensible load (MBH)	Total load (MBH)	Sensible load (MBH)
SRAH-250	2500	80	67	65	56	95	69	115	77
		90	71	94	80	130	95	151	105
		100	75	125	103	166	121	190	131
SRAH-350	3500	80	67	91	79	132	96	160	108
		90	71	131	112	181	133	212	146
		100	75	174	144	232	169	267	184
SRAH-500	5000	80	67	147	119	205	144	242	161
		90	71	207	167	275	197	315	215
		100	75	270	213	348	248	392	267
SRAH-700	7000	80	67	225	174	303	209	351	230
		90	71	310	242	402	283	453	306
		100	75	400	307	504	354	561	380
SRAH-1000	10000	80	67	363	266	468	313	527	340
		90	71	488	364	609	419	673	449
		100	75	620	459	756	521	826	553
SRAH-1250	12500	80	67	450	330	582	391	657	424
		90	71	606	425	757	522	839	560
		100	75	770	570	941	650	1030	690
SRAH-1500	15000	80	67	542	398	700	469	789	509
		90	71	731	545	909	627	1008	672
		100	75	927	686	1131	780	1238	829
SRAH-1750	17500	80	67	650	471	829	553	931	599
		90	71	868	642	1075	737	1184	788
		100	75	1098	807	1330	915	1451	971
SRAH-2000	20000	80	67	770	550	968	641	1080	692
		90	71	1022	746	1248	851	1368	909
		100	75	1286	936	1543	1056	1672	1116
SRAH-2250	22500	80	67	863	616	1086	719	1212	777
		90	71	1145	836	1399	956	1536	1019
		100	75	1439	1048	1730	1185	1871	1251
SRAH-2500	25000	80	67	1004	705	1245	816	1372	875
		90	71	1324	953	1596	1081	1736	1146
		100	75	1657	1191	1965	1337	2114	1406
SRAH-3000	30000	80	67	1019	748.2	1316	881.7	1483.3	956.9
		90	71	1374.3	1024.6	1708.9	1178.8	1895	1263.4
		100	75	1742.8	1289.7	2126.3	1466.4	2327.4	1558.5
SRAH-3500	35000	80	67	1222	885.5	1558.5	1039.6	1750.3	1126.1
		90	71	1631.8	1207	2021	1385.6	2225.9	1481.4
		100	75	2064.2	1517.2	2500.4	1720.2	2727.9	1825.5
SRAH-4000	40000	80	67	1447.6	1034	1819.8	1205.1	2030.4	1301
		90	71	1921.4	1402.5	2346.2	1599.9	2571.8	1708.9
		100	75	2417.7	1759.7	2900.8	1985.3	3143.4	2098.1
SRAH-4500	45000	80	67	1622.4	1158.1	2041.7	1351.7	2278.6	1460.8
		90	71	2152.6	1571.7	2630.1	1797.3	2887.7	1915.7
		100	75	2705.3	1970.2	3252.4	2227.8	3517.5	2351.9

NOTE

- MBH = 1000 Btu/hr
- EDB = Entering air dry bulb temperature
- EWB = Entering air wet bulb temperature
- Capacities are based on entering/leaving chilled water temperature of 45°F / 55°F and 14 FPI coil in sea level.
- For more information about capacities in other condition, please refer to Air Handling Unit Catalogue.

Hot Water Coil Rating

Model	Nominal Air Flow (CFM)	EDB (°F)	1ROW		2ROW	
			Capacity (MBH)	LVG DB (°F)	Capacity (MBH)	LVG DB (°F)
SRAH-250	2500	20	156	75	241	108
		40	133	88	204	117
		60	109	101	168	125
SRAH-350	3500	20	218	75	336	108
		40	184	88	284	116
		60	151	101	234	124
SRAH-500	5000	20	320	76	493	111
		40	272	89	420	119
		60	223	102	347	127
SRAH-700	7000	20	459	74	707	113
		40	391	87	604	121
		60	324	101	500	129
SRAH-1000	10000	20	689	82	1054	117
		40	590	93	903	126
		60	491	106	753	133
SRAH-1250	12500	20	846	80	1303	116
		40	724	92	1116	125
		60	604	105	930	132
SRAH-1500	15000	20	1024	80	1572	117
		40	878	93	1346	125
		60	731	106	1122	133
SRAH-1750	17500	20	1196	80	1840	117
		40	1024	93	1577	125
		60	878	108	1317	133
SRAH-2000	20000	20	1391	82	2135	119
		40	1194	95	1832	127
		60	998	108	1531	134
SRAH-2250	22500	20	1540	80	2376	118
		40	1320	93	2039	126
		60	1102	106	1706	134
SRAH-2500	25000	20	1797	84	2730	121
		40	1571	98	2346	129
		60	1288	109	1965	137
SRAH-3000	30000	20	1996	79	3064	116
		40	1711	92	2623	124
		60	1425	105	2187	132
SRAH-3500	35000	20	2341	79	3601	116
		40	2004	92	3086	124
		60	1718	107	2577	132
SRAH-4000	40000	20	2737	81	4200	118
		40	2349	94	3604	126
		60	1963	107	3012	133
SRAH-4500	45000	20	3034	79	4681	117
		40	2600	92	4017	125
		60	2171	105	3361	133

NOTE

- MBH = 1000 Btu/hr
- EDB = Entering air dry bulb temperature
- LVG = Leaving air dry bulb temperature
- Capacities are based on entering/leaving hot water temperature of 180°F / 160°F and 14 FPI coil in sea level.
- For more information about capacities in other condition, please refer to Air Handling Unit Catalogue.

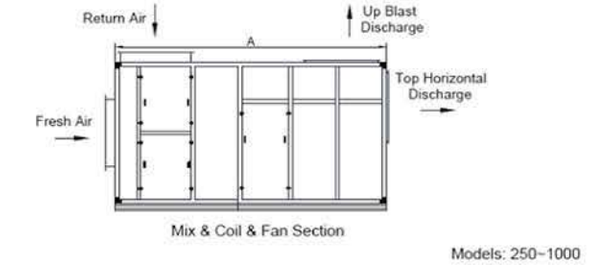
DX Coil Rating

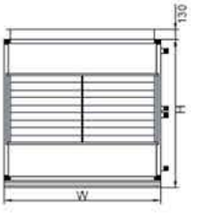
Model	Nominal Air Flow (CFM)	4ROW				6ROW			
		Total load (MBH)	Sensible load (MBH)	LVG DB (°F)	LVG WB (°F)	Total load (MBH)	Sensible load (MBH)	LVG DB (°F)	LVG WB (°F)
SRAH-250	2000	70.4	70.4	70	65	97.8	83.1	62	60
SRAH-350	2500	82.3	82.3	70	65	115	100.5	63	61
SRAH-500	4500	158.5	158.5	70	65	220	187	62	60
SRAH-700	5500	187.2	187.2	70	65	260.6	225	63	60
SRAH-1000	8500	292	292	70	65	406	349	63	61
SRAH-1250	10000	343	343	70	65	476	410	63	61
SRAH-1500	12500	421	421	70	65	586	508	63	60
SRAH-1750	15000	556	556	66	64	769	663	60	59
SRAH-2000	17500	650	650	66	64	898	775	60	59
SRAH-2250	19000	702	702	66	64	970	839	60	59
SRAH-2500	20000	686	686	70	65	952	820	63	61
SRAH-3000	25000	842	842	70	65	1172	1016	63	60
SRAH-3500	30000	1112	1112	66	64	1538	1326	60	59
SRAH-4000	35000	1300	1300	66	64	1796	1550	60	59
SRAH-4500	38000	1404	1404	66	64	1940	1678	60	59

NOTE

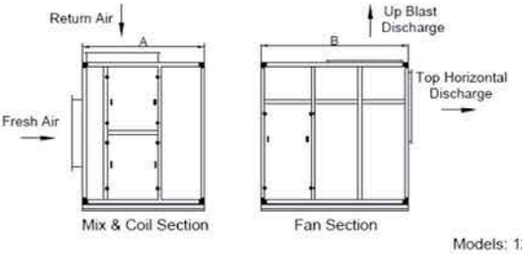
- MBH = 1000 Btu/hr
- LVG = Leaving air temperature
- Capacities are based on evaporating temperature of 50°F and entering air temperature of 100°F DB/ 75°F WB and 12 FPI coil in sea level -Refrigerant R22
- For more information about capacities in other condition, please refer to Air Handling Unit Catalogue.

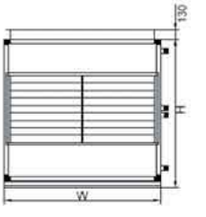
Horizontal Air Handling Unit



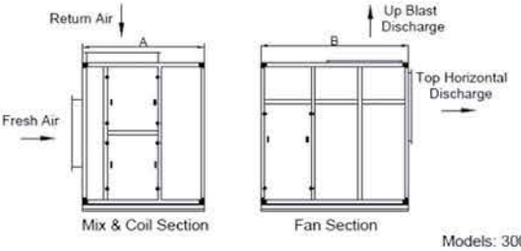


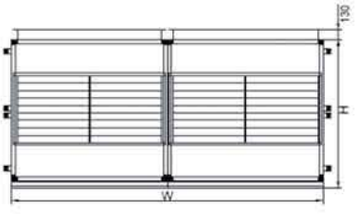
Models: 250~1000





Models: 1250~2500





Models: 3000~4500

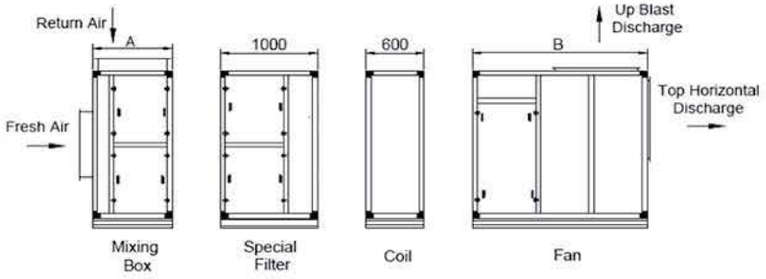
Dimensions

Model	A	B	H	W	Weight (kg)	
					Net	Oper.
SRAH-250	2280	-	1050	1050	500	540
SRAH-350	2330	-	1150	1050	590	640
SRAH-500	2580	-	1250	1250	854	909
SRAH-700	2720	-	1400	1500	947	1007
SRAH-1000	2920	-	1500	2000	1256	1316
SARH-1250	1370	1800	1700	2000	1477	1547
SRAH-1500	1570	1900	2000	2000	1670	1780
SRAH-1750	1770	1900	2000	2250	1893	2043
SRAH-2000	1770	2150	2100	2500	2251	2421
SRAH-2250	1870	2150	2100	2650	2354	2554
SRAH-2500	1800	1700	2220	3200	2954	3094
SRAH-3000	1570	1900	2000	4000	3340	3560
SRAH-3500	1770	1900	2000	4500	3786	4086
SRAH-4000	1770	2150	2100	5000	4502	4842
SRAH-4500	1870	2150	2100	5300	4708	5108

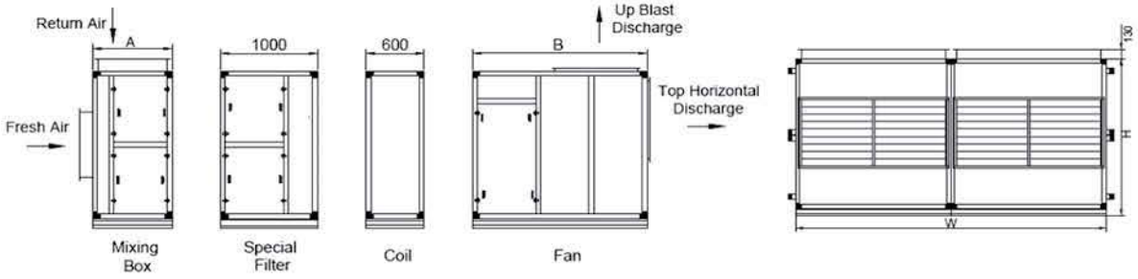
NOTE

- All dimensions are in mm
- Weights are based on default air handing unit equipments. (For more information about the weight base on your condition, please refer to Air Handling Unit Catalogue).
- For information about dimensions with Special Filter, please refer to Air Handling Unit Catalogue.

Horizontal Air Handing Unit (Sectional)



Models: 250~2500



Models: 3000~4500

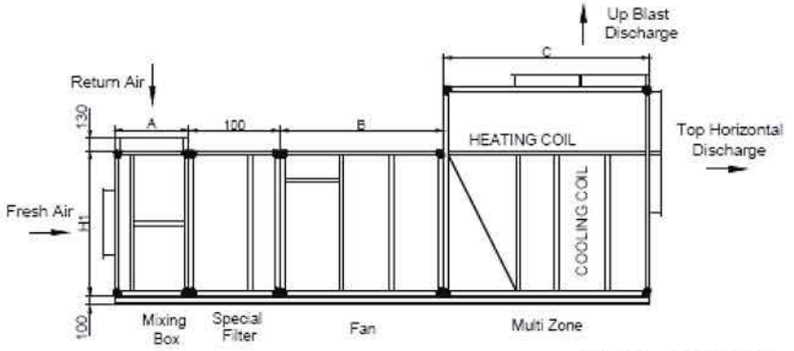
Dimensions

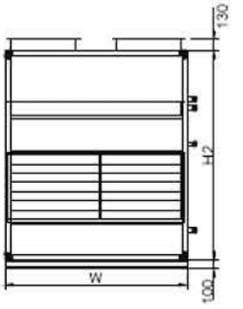
Model	A	B	H	W	Weight (kg)	
					Net	Oper.
SRAH-250	630	1150	1050	1050	564	640
SRAH-350	630	1200	1150	1050	700	750
SRAH-500	730	1350	1250	1250	1000	1055
SRAH-700	820	1400	1400	1500	1100	1160
SRAH-1000	820	1600	1500	2000	1450	1510
SARH-1250	820	1800	1700	2000	1680	1750
SRAH-1500	1020	1900	2000	2000	1900	2010
SRAH-1750	1220	1900	2000	2250	2150	2300
SRAH-2000	1220	2150	2100	2500	2530	2700
SRAH-2250	1320	2150	2100	2650	2650	2850
SRAH-2500	1160	1700	2220	3200	3400	3610
SRAH-3000	1020	1900	2000	4000	3800	4020
SRAH-3500	1220	1900	2000	4500	4300	4600
SRAH-4000	1220	2150	2100	5000	5060	5400
SRAH-4500	1320	2150	2100	5300	5300	5700

NOTE

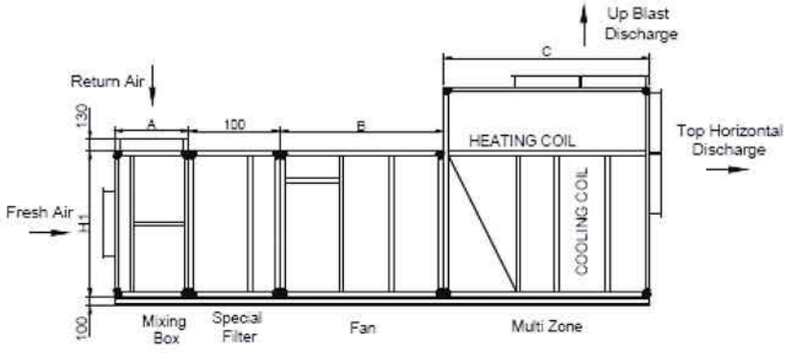
- All dimensions are in mm
- Weights are based on default air handing unit equipments. (For more information about the weight base on your condition, please refer to Air Handling Unit Catalogue).

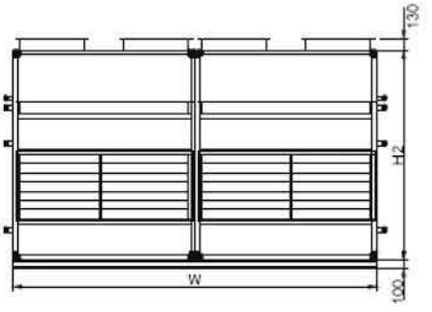
Multi Zone Air Handing Unit





Models: 250~2250





Models: 2500~4500

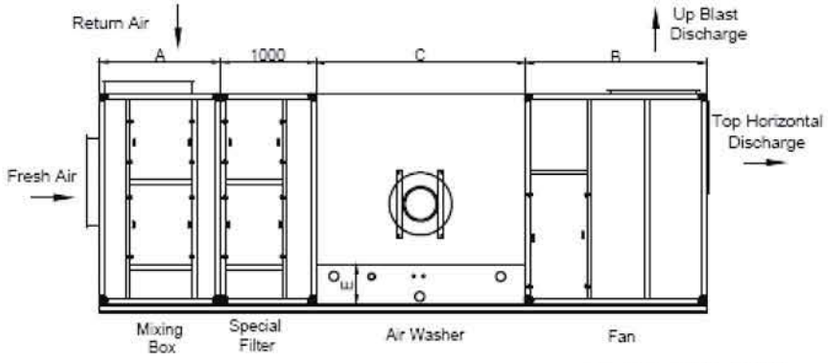
Dimensions

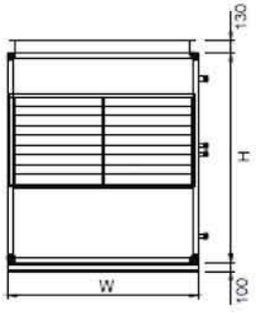
Model	A	B	C	H1	H2	W	Weight (kg)	
							Net	Oper.
SRAH-250	630	1150	1400	950	1500	1050	787	827
SRAH-350	630	1200	1500	1050	1600	1050	896	946
SRAH-500	730	1350	1550	1150	1700	1250	1215	1270
SRAH-700	820	1400	1700	1300	1900	1500	1325	1385
SRAH-1000	820	1600	1700	1400	2000	2000	1735	1795
SARH-1250	820	1800	2000	1600	2200	2000	2045	2115
SRAH-1500	1020	1900	2250	1900	2550	2000	2376	2486
SRAH-1750	1220	1900	2300	1900	2550	2250	2655	2805
SRAH-2000	1220	2150	2300	2000	2600	2500	3027	3225
SRAH-2250	1320	2150	2300	2000	2600	2650	3284	3484
SRAH-2500	820	1800	2000	1600	2200	4000	4090	4230
SRAH-3000	1020	1900	2250	1900	2550	4000	4752	4972
SRAH-3500	1220	1900	2300	1900	2550	4500	5310	5610
SRAH-4000	1220	2150	2300	2000	2600	5000	6054	6450
SRAH-4500	1320	2150	2300	2000	2600	5300	6568	6968

NOTE

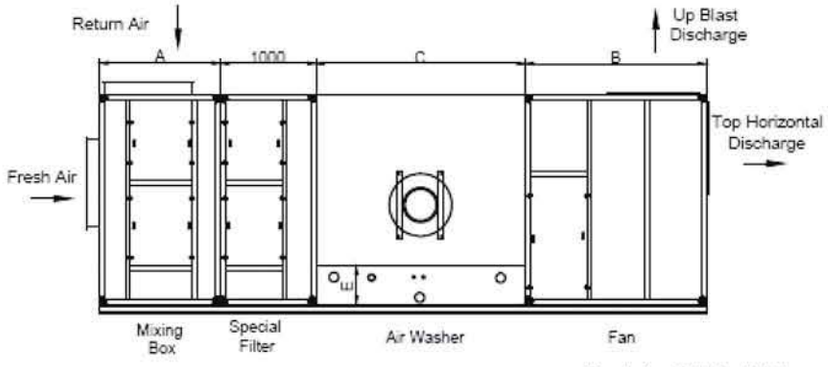
- All dimensions are in mm
- Weights are based on default air handing unit equipments. (For more information about the weight base on your condition, please refer to Air Handling Unit Catalogue)

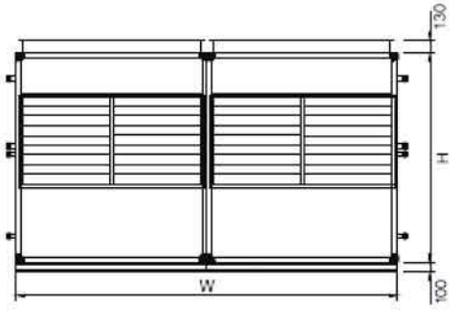
Air Washer





Models: 250~2250





Models: 2500~4500

Dimensions

Model	A	B	C			E			H			W	Weight (kg)	
			Class 4	Class 6	Class 8	Class 4	Class 6	Class 8	Class 4	Class 6	Class 8		Net	Oper.
250	880	1150	1000	1750	2200	300	400	400	1120	1220	1220	1050	1050	2120
350	880	1200	1000	1750	2200	300	400	400	1260	1360	1360	1050	1192	2250
500	980	1350	1000	1750	2200	300	400	400	1190	1290	1290	1500	1442	2650
700	1070	1400	1000	1750	2200	300	400	400	1490	1590	1590	1500	1593	2793
1000	1070	1600	1000	1750	2200	300	400	400	1500	1600	1600	2000	1908	3446
1250	1070	1800	1000	1750	2200	300	400	400	1830	1930	1930	2000	2150	3651
1500	1270	1900	1000	1750	2200	300	400	400	2100	2200	2200	2000	2457	4212
1750	1470	1900	1000	1750	2200	300	400	400	2130	2230	2230	2250	2630	4452
2000	1470	2150	1000	1750	2200	300	400	400	2160	2260	2260	2500	3429	4933
2250	1570	2150	1000	1750	2200	300	400	400	2200	2300	2300	2650	3550	5650
2500	1070	1800	1000	1750	2200	300	400	400	1830	1930	1930	4000	4302	7302
3000	1270	1900	1000	1750	2200	300	400	400	2100	2200	2200	4000	4914	8424
3500	1470	1900	1000	1750	2200	300	400	400	2130	2230	2230	4500	5260	8904
4000	1470	2150	1000	1750	2200	300	400	400	2160	2260	2260	5000	6859	9867
4500	1570	2150	1000	1750	2200	300	400	400	2200	2300	2300	5300	7100	11300

NOTE

- All dimensions are in mm
- Weights are based on default air handing unit equipments. (For more information about the weight base on your condition, please refer to Air Handling Unit Catalogue)

Packaged Unit

PACKAGED UNIT

Features

- Available in different models with cooling capacities from 5 to 120 tons of refrigeration
- Scroll / Reciprocating / Screw compressors
- Centrifugal fans with forward curved, backward curved or airfoil blades
- Equipped with aluminum washable pre filters
- Opposed blade dampers (ability to equipped with motorized damper)
- Direct expansion cooling coil
- Steam, hot water or electrical type heating coils
- Ability to equipped with fine filter upon request
- HCFC refrigerants and environmental friendly refrigerants (R22, R134a, R407C,...)
- Safety controls including high and low pressure switches, oil pressure safety cut-out, motor overload protection, air flow switch
- Power and control panel with full protection
- Possibility to using shell & tube or plated heat exchanger for water cooled condenser
- Possibility to use PLC control
- Easy maintenance and disassemble
- Suitable for air conditioning and industrial application

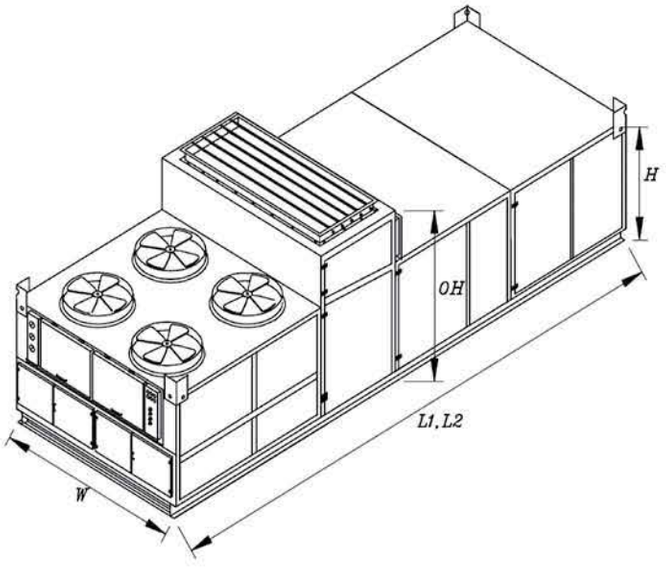
Technical and Physical Data (Roof Top Packaged Unit)

Model	Air Flow Range (CFM)	Nominal Air Flow (CFM)	Capacity (MBH)		Compressor		Dimension (cm)					Weight (kg)
	MIN / MAX		Cooling	Heating	Type	Qty	L1	L2	W	H	OH	
1SRPU-10AU-150	3000 / 4000	4000	117.2	312	Recip./Scroll	1	425	513	150	136	170	2080
1SRPU-15AU-225	3000 / 8000	6000	162.4	487	Recip./Scroll	1	437	525	200	136	170	2300
1SRPU-20AU-225	4000 / 8000	6000	190.8	670	Recip./Scroll	1	437	525	200	136	170	2360
1SRPU-25AU-300	4000 / 8000	7000	253	797	Recip./Scroll	1	517	605	200	165	205	2700
1SRPU-30AU-300	4000 / 8000	8000	293	964	Recip./Scroll	1	517	605	200	165	205	2770
1SRPU-35AU-450	8000 / 16000	13000	380	1067	Recip.	1	604	692	230	192	242	3800
1SRPU-40AU-450	8000 / 16000	14000	436	1135	Recip.	1	604	692	230	192	242	3860
1SRPU-50AU-450	8000 / 16000	16000	525	1293	Recip./Screw	1	614	702	230	217	267	4200
1SRPU-60AU-600	8000 / 23000	19000	607	1549	Recip./Screw	1	702	790	270	202	262	4750
2SRPU-10AU-150	3000 / 4000	4000	114.6	312	Recip./Scroll	2	425	513	150	136	170	2320
2SRPU-15AU-225	3000 / 8000	6000	212.4	487	Recip./Scroll	2	437	525	200	136	170	2560
2SRPU-20AU-225	4000 / 8000	6000	234.4	670	Recip./Scroll	2	437	525	200	136	170	2630
2SRPU-30AU-300	4000 / 8000	8000	324.8	964	Recip./Scroll	2	517	605	200	165	205	2920
2SRPU-40AU-450	8000 / 16000	14000	381.6	1135	Recip./Scroll	2	604	692	230	192	242	3950
2SRPU-50AU-450	8000 / 16000	16000	506	1293	Recip./Scroll	2	614	702	230	217	267	4290
2SRPU-60AU-600	8000 / 23000	19000	586	1549	Recip./Scroll	2	702	790	270	202	262	4900
2SRPU-70AU-750	16000 / 23000	21000	760	1730	Recip.	2	727	815	270	222	282	5500
2SRPU-80AU-750	19000 / 28000	23000	872	1885	Recip.	2	752	840	270	237	297	6000
2SRPU-100AU-900	19000 / 28000	23000	1050	2320	Recip./Screw	2	807	895	270	237	297	6800
2SRPU-120AU-1150	23000 / 32000	32000	1214	2570	Recip./Screw	2	957	1045	300	254	314	8900

NOTE

- MBH = 1000 Btu/hr
- L1= length of the package unit without special filter section
- L2= length of the package unit with special filter section
- Packaged unit dimensions are based on nominal air flow rate and denoted condenser model for other conditions please refer to Packaged Unit Catalogue.
- Cooling capacities are based on evaporating temperature of 45°F and ambient temperature of 100°F-Refrigerant R22 (Recip.Compressor)
- Heating capacities are based on 2 Rows/8 FPI heating coil and hot water entering / leaving temperature of 180°F / 160°F
- Air flow rate must be select base on actual capacities and coil inlet air temperature [Recommended Air flow (CFM) = 31*Cooling capacity (MBH)]
- For more information about capacities in other condition, please refer to Packaged Unit Catalogue.
- All above data is subject to change without prior notice.

Dimensions Schematic Diagram



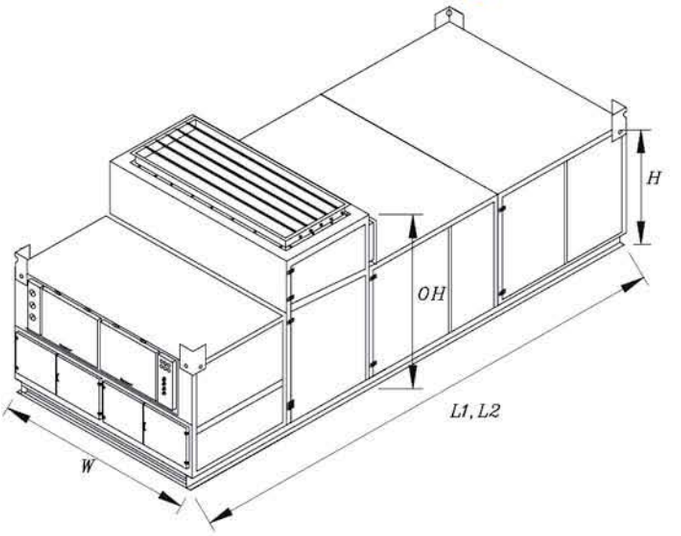
Technical and Physical Data (Remote Air Cooled Packaged Unit)

Model	Air Flow Range (CFM)	Nominal Air Flow (CFM)	Capacity (MBH)		Compressor		Dimension (cm)					Weight (kg)
	MIN / MAX		Cooling	Heating	Type	Qty	L1	L2	W	H	OH	
1SRPU-10AR	3000 / 4000	4000	117.2	312	Recip./Scroll	1	315	403	150	136	170	1670
1SRPU-15AR	3000 / 8000	6000	162.4	487	Recip./Scroll	1	327	415	200	136	170	1920
1SRPU-20AR	4000 / 8000	6000	190.8	670	Recip./Scroll	1	327	415	200	136	170	2000
1SRPU-25AR	4000 / 8000	7000	253	797	Recip./Scroll	1	352	440	200	165	205	2540
1SRPU-30AR	4000 / 8000	8000	293	964	Recip./Scroll	1	352	440	200	165	205	2600
1SRPU-35AR	8000 / 16000	13000	380	1067	Recip.	1	384	472	230	192	-	3020
1SRPU-40AR	8000 / 16000	14000	436	1135	Recip.	1	384	472	230	192	-	3100
1SRPU-50AR	8000 / 16000	16000	525	1293	Recip./Screw	1	394	482	230	217	-	3340
1SRPU-60AR	8000 / 23000	19000	607	1549	Recip./Screw	1	412	500	270	202	-	3800
2SRPU-10AR	3000 / 4000	4000	114.6	312	Recip./Scroll	2	315	403	150	136	170	1710
2SRPU-15AR	3000 / 8000	6000	212.4	487	Recip./Scroll	2	327	415	200	136	170	2000
2SRPU-20AR	4000 / 8000	6000	234.4	670	Recip./Scroll	2	327	415	200	136	170	2100
2SRPU-30AR	4000 / 8000	8000	324.8	964	Recip./Scroll	2	352	440	200	165	205	3000
2SRPU-40AR	8000 / 16000	14000	381.6	1135	Recip./Scroll	2	384	472	230	192	-	3200
2SRPU-50AR	8000 / 16000	16000	506	1293	Recip./Scroll	2	394	482	230	217	-	3450
2SRPU-60AR	8000 / 23000	19000	586	1549	Recip./Scroll	2	412	500	270	202	-	3930
2SRPU-70AR	16000 / 23000	21000	760	1730	Recip.	2	437	525	270	222	-	4300
2SRPU-80AR	19000 / 28000	23000	872	1885	Recip.	2	462	550	270	237	-	4520
2SRPU-100AR	19000 / 28000	23000	1050	2320	Recip./Screw	2	462	550	270	237	-	4610
2SRPU-120AR	23000 / 32000	32000	1214	2570	Recip./Screw	2	612	700	300	254	-	6700

NOTE

- MBH = 1000 Btu/hr
- L1= length of the package unit without special filter section
- L2= length of the package unit with special filter section
- Packaged unit dimensions are based on nominal air flow rate for other conditions, please refer to Packaged Unit Catalogue.
- Cooling capacitities are based on evaporating temperature of 45°F and ambient temperature of 100°F-Refrigerant R22 (Recip. Compressor)
- Heating capacitities are based on 2 Rows/8 FPI heating coil and hot water entering / leaving temperature of 180°F / 160°F
- Air flow rate must be select base on actual capacities and coil inlet air temperature [Recommended Air flow (CFM) = 31*Cooling capacity (MBH)]
- For more information about capacities in other condition and Split Water Cooled Packaged Unit data, please refer to Packaged Unit Catalogue.
- All above data is Subject to change without prior notice.

Dimensions Schematic Diagram



Electrical Technical Data (Roof Top Packaged Unit)

Model	Compressor			Blower			Condenser			Maximum Power Consumption	
	KW	FLA	Qty	KW	A	Qty	KW	A	Qty	AMP	kW
1SRPU-10AU-150	11.4	20.3	1	4	8.1	1	0.9	1.9	2	32.2	17.2
1SRPU-15AU-225	15.4	27.4	1	4	8.1	1	0.9	1.9	4	43.1	23.0
1SRPU-20AU-225	17.5	30.3	1	5.5	10.6	1	0.9	1.9	4	48.5	26.6
1SRPU-25AU-300	22.3	37.3	1	4	8.1	2	0.9	1.9	4	61.1	33.9
1SRPU-30AU-300	26.8	45.1	1	4	8.1	2	0.9	1.9	4	68.9	38.4
1SRPU-35AU-450	34.6	60	1	4	8.1	2	0.9	1.9	6	87.6	48.0
1SRPU-40AU-450	41.9	68.9	1	5.5	10.6	2	0.9	1.9	6	101.5	58.3
1SRPU-50AU-450	46.9	88	1	5.5	10.6	2	0.9	1.9	6	120.6	63.3
1SRPU-60AU-600	58.2	96	1	5.5	10.6	2	0.9	1.9	8	132.4	76.4
2SRPU-10AU-150	11.2	19.6	2	4	8.1	1	0.9	1.9	2	31.5	17.0
2SRPU-15AU-225	19.2	34.6	2	4	8.1	1	0.9	1.9	4	50.3	26.8
2SRPU-20AU-225	22.8	40.6	2	5.5	10.6	1	0.9	1.9	4	58.8	31.9
2SRPU-30AU-300	30.8	54.8	2	4	8.1	2	0.9	1.9	4	78.6	42.4
2SRPU-40AU-450	35	60.6	2	5.5	10.6	2	0.9	1.9	6	93.2	51.4
2SRPU-50AU-450	44.6	74.6	2	5.5	10.6	2	0.9	1.9	6	107.2	61.0
2SRPU-60AU-600	53.6	90.2	2	5.5	10.6	2	0.9	1.9	8	126.6	71.8
2SRPU-70AU-750	69.2	120	2	7.5	14.3	2	0.9	1.9	10	167.2	93.2
2SRPU-80AU-750	83.8	137.8	2	7.5	14.3	2	0.9	1.9	10	185.4	107.8
2SRPU-100AU-900	93.8	176	2	11	24	2	0.9	1.9	12	246.8	126.6
2SRPU-120AU-1150	116.4	192	2	11	24	2	0.9	1.9	12	262.8	149.2

NOTE

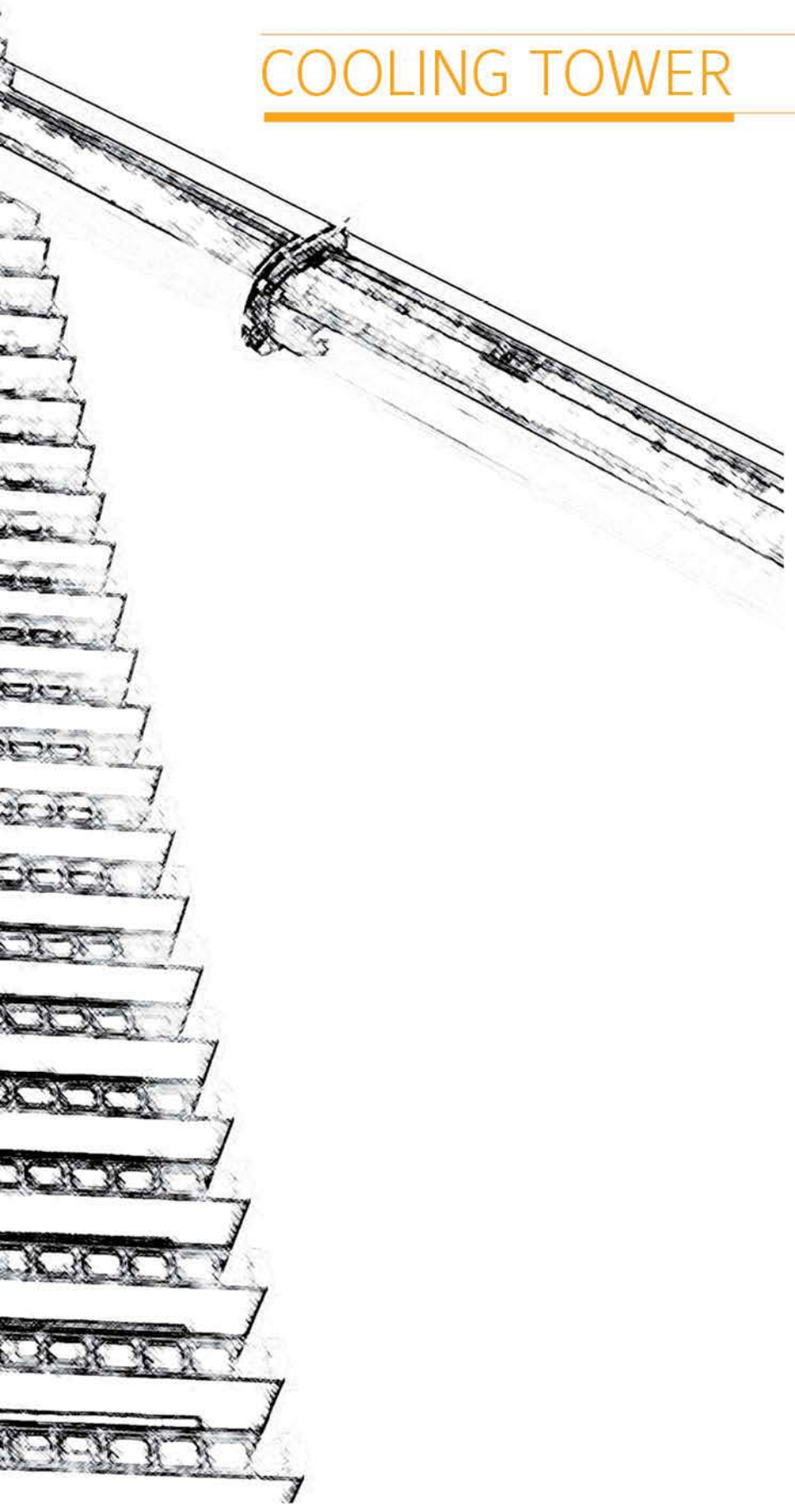
- Electrical data are based on nominal air flow rate and denoted condenser model, for more information, please refer to Packaged Unit Catalogue.

Electrical Technical Data (Remote Air Cooled Packaged Unit)

Model	Compressor			Blower			Maximum Power Consumption	
	KW	FLA	Qty	KW	A	Qty	AMP	kW
1SRPU-10AR	11.4	20.3	1	4	8.1	1	28.4	15.4
1SRPU-15AR	15.4	27.4	1	4	8.1	1	35.5	19.4
1SRPU-20AR	17.5	30.3	1	5.5	10.6	1	40.9	23.0
1SRPU-25AR	22.3	37.7	1	4	8.1	2	53.5	30.3
1SRPU-30AR	26.8	45.1	1	4	8.1	2	61.3	34.8
1SRPU-35AR	34.6	60	1	4	8.1	2	76.2	42.6
1SRPU-40AR	41.9	68.9	1	5.5	10.6	2	90.1	52.9
1SRPU-50AR	46.9	80.9	1	5.5	10.6	2	109.2	57.9
1SRPU-60AR	58.2	96	1	5.5	10.6	2	117.2	69.2
2SRPU-10AR	11.2	19.6	2	4	8.1	1	27.7	15.2
2SRPU-15AR	19.2	34.6	2	4	8.1	1	42.7	23.2
2SRPU-20AR	22.8	40.6	2	5.5	10.6	1	51.2	28.3
2SRPU-30AR	30.8	54.8	2	4	8.1	2	71.0	38.8
2SRPU-40AR	35	60.6	2	5.5	10.6	2	81.8	46.0
2SRPU-50AR	44.6	75.4	2	5.5	10.6	2	95.8	55.6
2SRPU-60AR	53.6	90.2	2	5.5	10.6	2	111.4	64.6
2SRPU-70AR	69.2	120	2	7.5	14.3	2	148.6	84.2
2SRPU-80AR	83.8	137.8	2	7.5	14.3	2	166.4	98.8
2SRPU-100AR	93.8	161.8	2	11	24	2	224	115.8
2SRPU-120AR	116.4	192	2	11	24	2	240.0	138.4

NOTE

- Electrical data are based on nominal air flow rate, for more information, please refer to Packaged Unit Catalogue.



COOLING TOWER

Fiberglass Cooling Tower
Cubic Fiberglass Cooling Tower
Galvanized Cooling Tower

FIBERGLASS COOLING TOWER

Features

- Body is made from high density, high stability and UV resistant fiber glass
- Using high quality P.V.C to making wet surfaces (filling)
- Poly ethylene stand pipe with aluminum alloy cast sprinkler and poly ethylene sprinkler pipe
- Axial fan driven by 3 phases electromotor and v-belt
- Hot dip galvanized steel support for fan guard
- Ability to provide control panel and AC inverter
- Possibility to product for industrial application

Technical and Physical Data

Model	Nominal Capacity (TR)	Pump		Fan			Connections (Inch)						Dimension (cm)		Weight (kg)	
		W.F (GPM)	N.H (Ft)	M.PH (HP)	A.F (CFM)	Dia. (cm)	Inlet	Outlet	Over Flow	Drain	Make up	Quick Fill	Dia.	Height	Net	Opr.
SRFCT-8	8	27.7	4.3	0.25	3000	60	1 1/2	1 1/2	1	1	1/2	-	98	140	58	129
SRFCT-10	10	35.2	4.3	0.25	3150	60	1 1/2	1 1/2	1	1	1/2	-	98	165	60	151
SRFCT-15	15	42	5.2	0.5	6300	80	2	2	1	1	1/2	-	118	170	109	250
SRFCT-20	20	70.4	5.4	0.5	7150	80	2	2	1	1	1/2	-	140	180	114	268
SRFCT-25	25	87	6	0.5	7740	80	2	2	1	1	1/2	-	140	205	121	340
SRFCT-30	30	103	6.8	1	8450	80	3	3	1	1	1/2	-	170	200	168	380
SRFCT-40	40	139.5	6.8	1	9500	90	3	3	1	1	1/2	-	180	220	180	435
SRFCT-50	50	169.3	7.4	1.5	11200	90	3	3	1	1	1/2	-	190	238	225	540
SRFCT-60	60	204	8	2	14600	117	4	4	1 1/2	1 1/2	1/2	1/2	212	254	371	662
SRFCT-80	80	275	8	2	17800	117	4	4	1 1/2	1 1/2	1/2	1/2	212	254	410	771
SRFCT-90	90	310	10	3	22100	117	4	4	1 1/2	1 1/2	1/2	1/2	259	267	453	877
SRFCT-100	100	334	10	3	24500	117	4	4	1 1/2	1 1/2	1/2	1/2	259	267	518	996
SRFCT-125	125	430	11	4	27900	150	6	6	2	2	3/4	1	295	284	615	1326
SRFCT-150	150	516	11	4	30200	150	6	6	2	2	3/4	1	295	284	702	1434
SRFCT-175	175	602	13	4	33400	180	6	6	2	2	1	1	372	296	903	2513
SRFCT-200	200	689	14	5.5	48000	180	6	6	2	2	1	1	372	296	1044	2654
SRFCT-225	225	773	14	5.5	57800	180	6	6	2	2	1	1	372	296	1185	2796
SRFCT-250	250	862	15	7.5	66700	240	8	8	2	2	1	1	443	359	1297	3914
SRFCT-300	300	1021	15	7.5	77600	240	8	8	2	2	1	1	443	359	1496	4114
SRFCT-350	350	1205	16	7.5	84100	240	8	8	2	2	1 1/2	1 1/2	486	373	1671	5076
SRFCT-400	400	1387	16	10	91200	240	8	8	2	2	1 1/2	1 1/2	486	373	1860	5319
SRFCT-450	450	1561	17	15	107100	326	10	10	2	2	2	2	552	393	1987	7442
SRFCT-500	500	1738	17	15	120200	326	10	10	2	2	2	2	552	393	2031	7756

NOTE

- TR = 12000 Btu/hr
- W.F = Water Flow rate
- N.H = Nozzle Head
- M.P = Motor Power
- A.F = Air Flow rate

- For more information about capacities based on your conditions, please refer to Fiberglass Cooling Tower Catalogue.
- The above data is subject to change without prior notice.

CUBIC FIBERGLASS COOLING TOWER

Features

- Low Power consumption
- Using high quality P.V.C to making wet surfaces (filling)
- Body made by high density, high stability and UV resistant fiber glass
- Ability to provide control panel and AC inverter
- Possibility to product for industrial application

Technical and Physical Data

Model	Nominal Capacity (TR)	W.F (GPM)	Fan			Connections (Inch)						Weight (kg)	
			M.P (HP)	A.F (CFM)	Dia. (cm)	Inlet	Out-let	Over Flow	Drain	Make up	Quick Fill	Net	Oper.
SRFCTEXQ-80	80	270	3	20000	130	2*3"	4"	2"	2"	3/4"	3/4"	880	1790
SRFCTEXQ-100	100	340	3	25000	130	2*3"	5"	2"	2"	3/4"	3/4"	890	1800
SRFCTEXQ-125	125	430	5.5	31500	150	2*4"	5"	2"	2"	3/4"	3/4"	1010	2180
SRFCTEXQ-150	150	515	5.5	38000	170	2*4"	6"	2"	2"	1"	1"	1290	2700
SRFCTEXQ-175	175	600	7.5	44500	170	2*4"	6"	2"	2"	1"	1"	1300	2710
SRFCTEXQ-200	200	685	10	50500	185	2*5"	6"	2"	2"	1"	1"	1390	2800
SRFCTEXQ-225	225	770	10	57000	200	2*5"	8"	2"	2"	1"	1"	1530	3420
SRFCTEXQ-250	250	860	10	63500	200	2*5"	8"	2"	2"	1"	1"	1540	3430

NOTE

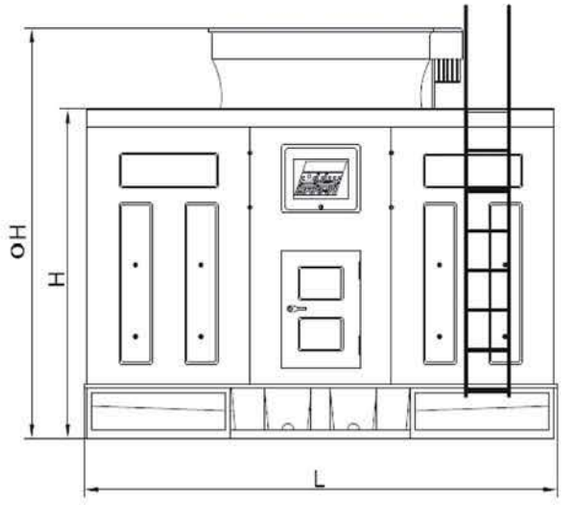
- TR = 12000 Btu/hr
- W.F = Water Flow rate
- M.P = Motor Power
- A.F = Air Flow rate
- For more information about capacities base on your conditions, please refer to Cubic Fiberglass Cooling Tower Catalogue.

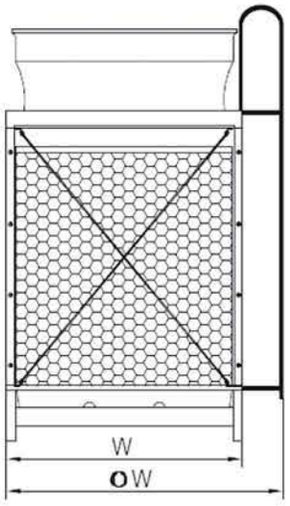
Dimensions

Model	L	W	OW	H	OH
SRFCTEXQ-80	3750	1450	1700	2250	2830
SRFCTEXQ-100	3750	1450	1700	2250	2830
SRFCTEXQ-125	3950	1750	2110	2250	2830
SRFCTEXQ-150	4150	2050	2410	2800	3500
SRFCTEXQ-175	4150	2050	2410	2800	3500
SRFCTEXQ-200	4150	2050	2410	2800	3500
SRFCTEXQ-225	4450	2400	2760	2800	3550
SRFCTEXQ-250	4450	2400	2760	2800	3550

NOTE

- All dimensions are in mm
- The above data is subject to change without prior notice.





GALVANIZED COOLING TOWER

Features

- Heavy galvanized steel sheets basin & construction
- Double inlet forward curved centrifugal fan
- Equipped with high quality pulleys, v-belt and bearings
- Using high quality P.V.C to making wet surfaces (filling)
- Quiet operation
- High efficiency mist eliminators
- Maximum corrosion protection with using epoxy coating

Technical Data

Model	Nominal Capacity (TR)	W.F (GPM)	Blower			Electrical Data			Weight (kg)			
			Qty	M.P (Qty*Hp)	Dia. (Inch)	M.P.I (kW)	Total Amp.	Wire Size	Single Stage		Two Stages	
									Net	Oper.	Net	Oper.
1SRCT-10	10	30	1	1*1	13	1.1	2.25	4*1	330	420	370	460
1SRCT-15	15	45	1	1*1 1/2	17	1.4	2.85	4*1	430	530	485	585
1SRCT-20	20	60	1	1*2	19	2.0	4.00	4*1	475	645	545	715
1SRCT-25	25	75	1	1*3	19	2.8	5.25	4*1	570	770	665	865
1SRCT-30	30	90	1	1*3	22	2.8	5.25	4*1	665	1015	770	1120
1SRCT-35	35	105	1	1*4	22	3.75	7.50	4*1.5	780	1210	910	1340
1SRCT-40	40	120	1	1*5.5	22	4.9	8.90	4*1.5	830	1300	970	1440
1SRCT-50	50	150	1	1*5.5	22	4.9	8.90	4*1.5	1000	1630	1180	1810
1SRCT-60	60	180	1	1*5.5	22	4.9	8.90	4*1.5	1140	1940	1350	2150
1SRCT-75	75	225	2	1*10	22	8.8	16.5	4*4	1425	2425	1680	2680
1SRCT-90	90	270	2	1*10	22	8.8	16.5	4*4	1570	2720	1850	3000
1CRCT-105	105	315	2	2*5.5	22	9.8	17.8	4*4	1665	3065	2010	3410
1SRCT-120	120	360	3	1*10 + 1*5.5	22	13.7	25.4	4*6	2375	4025	2790	4440
1SRCT-140	140	420	3	1*10 + 1*5.5	22	13.7	25.4	4*6	2850	4850	3330	5330
1SRCT-160	160	480	4	2*10	22	17.6	33.0	4*10	3325	5625	3875	6175
1SRCT-180	180	540	4	2*10	22	17.6	33.0	4*10	3375	5675	3955	6255
1SRCT-220	220	660	5	5*5.5	22	24.5	44.5	4*16	3390	6790	3700	7500
1SRCT-260	260	780	6	6*5.5	22	29.5	53.4	3*25/16	4750	8250	5565	9065
1SRCT-300	300	900	7	7*5.5	22	34.3	62.3	3*25/16	5320	9220	6300	10200
2SRCT-340	340	1020	8	8*5.5	22	39.2	71.2	3*25/16	6175	10675	7255	11755
2SRCT-400	400	1200	10	10*5.5	22	49.0	89.0	3*35/16	6650	12150	8000	13500
2SRCT-450	450	1350	12	12*5.5	22	58.8	106.8	3*50/25	8550	15350	10115	16915
2SRCT-500	500	1500	12	12*5.5	22	58.8	106.8	3*50/25	8550	15350	10115	16915
2SRCT-580	580	1740	14	14*5.5	22	68.6	124.6	3*70/35	9500	17000	11365	18865
2SRCT-660	660	1980	16	16*5.5	22	78.4	142.4	3*70/35	11875	20875	14010	23010
2SRCT-740	740	2220	18	18*5.5	22	88.2	160.2	3*95/50	13300	23300	15690	25690
2SRCT-820	820	2460	20	20*5.5	22	98.0	178.0	3*120/70	14725	25725	17385	28385
2SRCT-900	900	2700	22	22*5.5	22	107.8	195.8	3*120/70	16150	28650	19065	31565
2SRCT-980	980	2940	24	24*5.5	22	117.6	213.6	3*150/70	16625	30125	19800	33300
2SRCT-1060	1060	3180	26	26*5.5	22	127.4	231.4	3*150/70	19000	34000	22445	37445
2SRCT-1140	1140	3420	28	28*5.5	22	137.2	249.2	3*150/70	20900	36400	24600	40100

NOTE

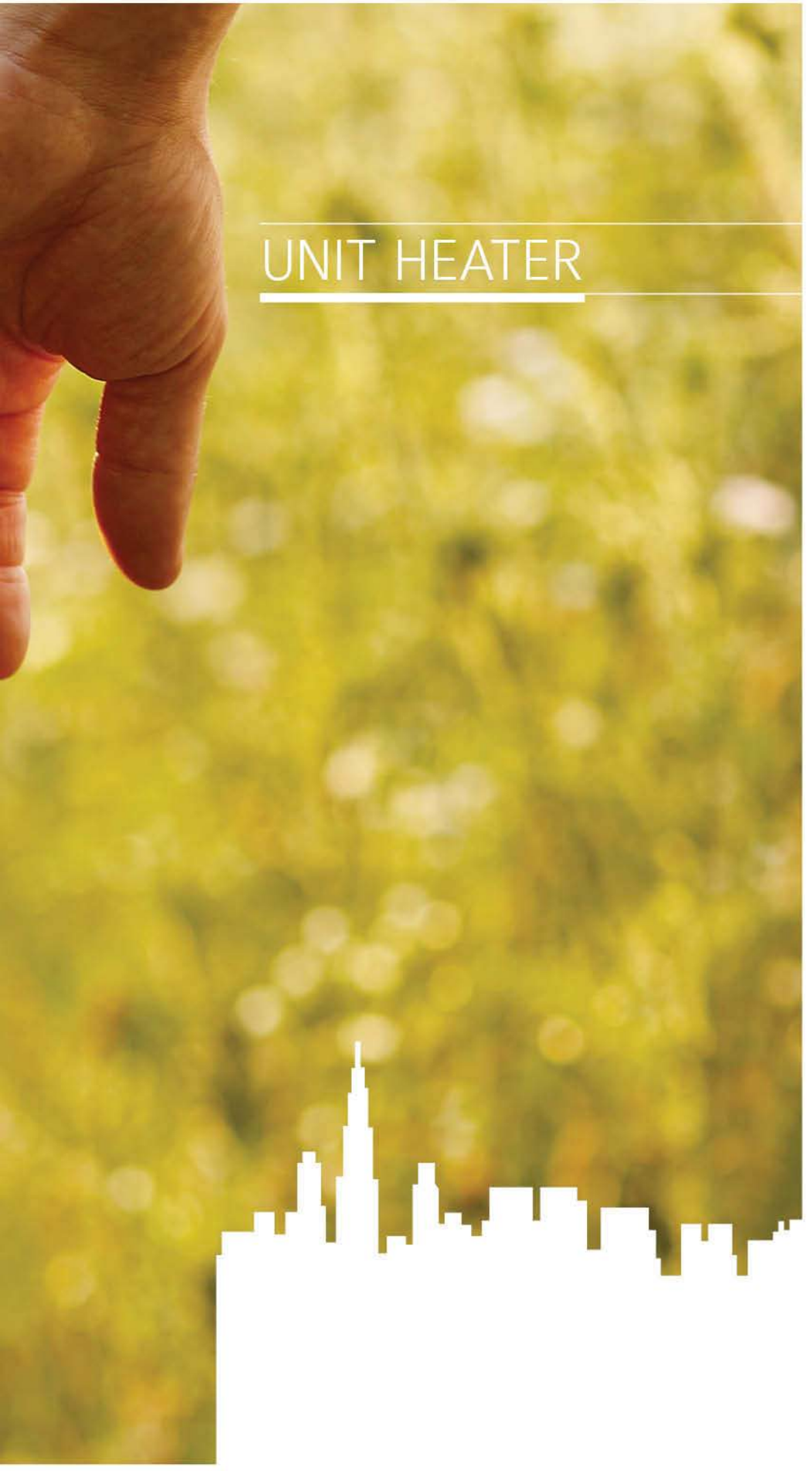
- TR = 12000 Btu/hr
- M.P = Motor Power
- M.P.I = Maximum Power Input
- For more information about capacities based on your conditions, please refer to Galvanized Cooling Tower Catalogue.
- The above data is subject to change without prior notice.

Dimension and Connections Data

Model	Dimensions			Connections (Inch)									
	L	W	H*	Inlet		Outlet		Make Up		Over Flow		Quick Fill		Drain	
				Qty	Dia.	Qty	Dia.	Qty	Dia.	Qty	Dia.	Qty	Dia.	Qty	Dia.
1SRCT-10	550	950	2000	1	1 1/2"	1	1 1/2"	1	1/2"	1	2"	1	1/2"	1	3/4"
1SRCT-15	750	950	2000	1	1 1/2"	1	1 1/2"	1	1/2"	1	2"	1	1/2"	1	3/4"
1SRCT-20	1000	950	2000	1	2"	1	2"	1	1/2"	1	2"	1	1/2"	1	3/4"
1SRCT-25	1000	1250	1960	1	2"	1	2"	1	1/2"	1	2"	1	1/2"	1	3/4"
1SRCT-30	1000	1450	2000	1	3"	1	3"	1	3/4"	1	2"	1	3/4"	1	3/4"
1SRCT-35	1000	1750	2000	1	3"	1	3"	1	3/4"	1	2"	1	3/4"	1	3/4"
1SRCT-40	1000	1950	2000	1	3"	1	3"	1	3/4"	1	2"	1	3/4"	1	3/4"
1SRCT-50	1250	1950	2000	1	3"	1	3"	1	3/4"	1	2"	1	3/4"	1	3/4"
1SRCT-60	1450	1950	2690	1	4"	1	4"	1	3/4"	1	2"	1	3/4"	2	3/4"
1SRCT-75	1750	1950	2690	2	3"	1	4"	1	1"	1	2"	1	1"	3	3/4"
1SRCT-90	1950	1950	2690	2	3"	1	4"	1	1"	1	2"	1	1"	3	3/4"
1CRCT-105	2400	1950	2690	3	3"	1	4"	1	1"	1	2"	1	1"	4	3/4"
1SRCT-120	2900	1950	2690	3	3"	1	5"	1	1"	1	2"	1	1"	4	3/4"
1SRCT-140	3350	1950	2690	4	3"	1	5"	1	1"	1	2"	1	1"	5	3/4"
1SRCT-160	3850	1950	2690	4	3"	2	4"	1	1"	1	2"	1	1"	5	3/4"
1SRCT-180	4080	1950	2690	5	3"	2	4"	1	1"	1	2"	1	1"	6	3/4"
1SRCT-220	4800	1950	2690	5	3"	3	4"	1	1"	1	2"	1	1"	6	3/4"
1SRCT-260	5750	1950	2690	6	3"	3	4"	1	1"	1	2"	1	1"	7	3/4"
1SRCT-300	6700	1950	2690	7	3"	3	5"	2	1"	2	2"	2	1"	9	3/4"
2SRCT-340	3850	3860	2690	8	3"	4	5"	2	1"	2	2"	2	1"	10	3/4"
2SRCT-400	4800	3860	2690	10	3"	4	5"	2	1"	2	2"	2	1"	12	3/4"
2SRCT-450	5750	3860	2690	12	3"	4	5"	2	1"	2	2"	2	1"	14	3/4"
2SRCT-500	5850	3860	2690	12	3"	4	5"	2	1"	2	2"	2	1"	14	3/4"
2SRCT-580	6700	3860	2690	14	3"	4	5"	2	1"	2	2"	2	1"	16	3/4"
2SRCT-660	7650	3860	2690	16	3"	4	5"	2	1"	2	2"	2	1"	18	3/4"
2SRCT-740	8600	3860	2690	18	3"	6	5"	2	1"	2	2"	2	1"	20	3/4"
2SRCT-820	9550	3860	2690	20	3"	6	5"	2	1"	2	2"	2	1"	22	3/4"
2SRCT-900	10500	3860	2690	22	3"	6	5"	2	1"	2	2"	2	1"	24	3/4"
2SRCT-980	11450	3860	2690	24	3"	6	5"	2	1"	2	2"	2	1"	26	3/4"
2SRCT-1060	12400	3860	2690	26	3"	6	5"	2	1"	2	2"	2	1"	28	3/4"
2SRCT-1140	13350	3860	2690	28	3"	6	5"	2	1"	2	2"	2	1"	30	3/4"

NOTE

- All dimensions are in mm
- * Add 300 mm to "H" for additional stage
- The above data is subject to change without prior notice.



UNIT HEATER

UNIT HEATER

Features

- Available in standard models with air flow rates from 280 to 4000 CFM
- Steam, hot water or electrical type heating coils
- Heavy galvanized steel sheets basin and construction
- Axial direct driven fan with minimum noise level
- Single or three phase motors

Hot Water Rating

Model	Motor		Air Flow (CFM)	Capacity (MBH)	Water Flow (GPM)	L.A.T (°F)	W.P.D (Ft.w.g)	Weight (kg)
	RPM	Power (W)						
SRUH-25	900	90	280	15	1.5	109.6	0.25	38
SRUH-50	900	90	480	25	2.5	108.2	0.45	44
SRUH-75	900	90	700	36	3.6	107.6	0.50	47
	1400	135	850	41	4.1	104.8	0.55	47
SRUH-100	900	100	900	50	5	111.4	0.60	53
	1400	160	1100	57	5.7	107.9	0.70	53
SRUH-125	900	100	1000	55	5.5	110.9	0.75	61
	1400	160	1300	65	6.5	106.3	0.80	61
SRUH-150	900	110	1300	70	7.0	109.8	1.05	65
	1400	160	1600	80	8.0	106.3	1.10	65
SRUH-200	900	175	1700	97	9.7	112.8	1.60	78
	1400	175	1800	100	10	113.4	1.70	76
SRUH-250	900	230	2000	114	11.4	112.7	2.00	87
	1400	210	2200	120	12.0	110.5	2.30	84
SRUH-300	900	230	2700	155	15.5	113.2	2.00	103
	1400	370	3000	165	16.5	110.9	2.60	102
SRUH-400	900	480	3700	203	20.3	110.8	3.60	130
	1400	380	4000	213	21.3	109.3	3.80	125

NOTE

- MBH = 1000 Btu/hr
- L.A.T = Leaving Air Temperature
- W.P.D = Water Pressure Drop
- Capacities are based on entering air temperature of 60°F and entering/leaving hot water temperature of 180°F / 160°F in sea level.
- Motor data are based on 220V/1/50HZ (380V/3/50HZ in 1400 RPM is available upon request)
- For more information about capacities in other condition, please refer to Unit Heater Catalogue.
- The above data is subject to change without prior notice.

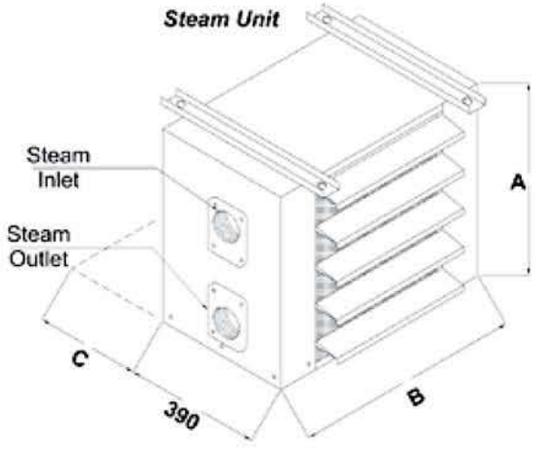
Saturated Steam Rating

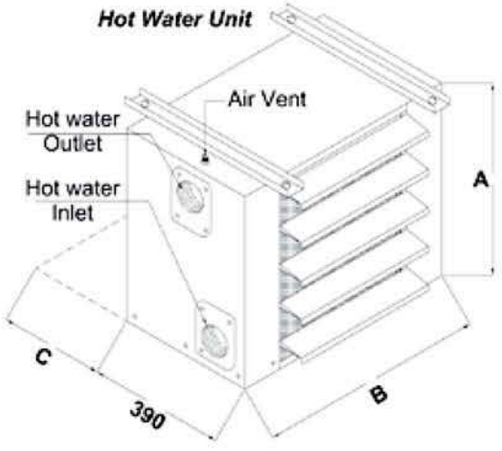
Model	Motor		Air Flow (CFM)	Capacity (MBH)	Condensate (lbs/hr)	L.A.T (°F)	Weight (kg)
	RPM	Power (W)					
SRUS-25	900	90	280	24.9	26.3	142.3	38
SRUS-50	900	90	480	38.7	40.9	134.6	44
SRUS-75	900	90	700	56.0	59.3	134.1	47
	1400	135	850	63.0	66.6	128.6	47
SRUS-100	900	100	900	68.7	72.6	130.6	53
	1400	160	1100	77.3	81.7	125.0	53
SRUS-125	900	100	1000	76.0	80.4	130.4	61
	1400	160	1300	88.5	93.6	123.0	61
SRUS-150	900	110	1300	93.0	98.3	126.2	65
	1400	160	1600	104.5	110.5	120.5	65
SRUS-200	900	175	1700	122.1	129.1	126.5	78
	1400	175	1800	126.2	133.4	124.8	76
SRUS-250	900	230	2000	139.0	147.0	124.3	87
	1400	210	2200	146.6	155.0	121.7	84
SRUS-300	900	230	2700	182.3	192.7	122.4	103
	1400	370	3000	193.2	204.3	119.6	102
SRUS-400	900	480	3700	229.2	242.3	117.3	130
	1400	380	4000	238.9	252.5	115.3	125

NOTE

- MBH = 1000 Btu/hr
- L.A.T = Leaving Air Temperature
- Capacities are based on entering air temperature of 60°F and entering saturated steam pressure of 15 psi in sea level.
- Motor data are based on 220V/1/50HZ (380V/3/50HZ in 1400 RPM is available upon request)
- For more information about capacities in other condition, please refer to Unit Heater Catalogue.
- The above data is subject to change without prior notice.

Dimensions and Service Area





Model	A		B	C	Hot Water Connections	Steam Connections	
	900 RPM	1400 RPM				Inlet	Outlet
SRUH-25, SRUS-25	400	-	510	300	2*1"	1 1/4"	1"
SRUH-50, SRUS-50	435	-	550	300	2*1"	1 1/4"	1"
SRUH-75, SRUS-75	510	510	600	350	2* 1"	1 1/2"	1 1/4"
SRUH-100, SRUS-100	510	510	650	350	2*1"	2"	1 1/4"
SRUH-125, SRUS-125	550	550	650	350	2*1"	2"	1 1/4"
SRUH-150, SRUS-150	550	550	730	350	2*1"	2"	1 1/4"
SRUH-200, SRUS-200	585	585	830	400	2*1 1/4"	2"	1 1/4"
SRUH-250, SRUS-250	700	585	880	400	2*1 1/4"	2"	1 1/4"
SRUH-300, SRUS-300	700	700	930	400	2*1 1/4"	2"	1 1/4"
SRUH-400, SRUS-400	800	700	1020	400	2*1 1/4"	2"	1 1/4"

NOTE

- All dimensions are in mm
- The above data is subject to change without prior notice.


222
222

EXHAUST FAN

EXHAUST FAN

Features

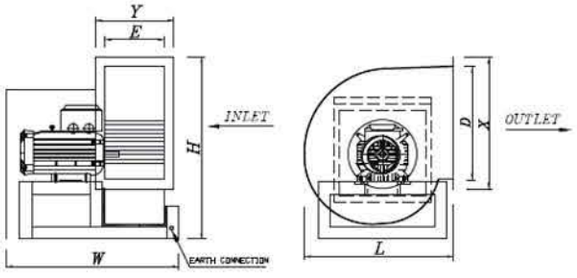
- Available in 10 standard models from 500 CFM to 15000 CFM
- Forward fan, single inlet, single wheel with maximum efficiency
- Available in 4 different standard drive arrangement
- Heavy duty pillow block bearing

Technical and Physical Data

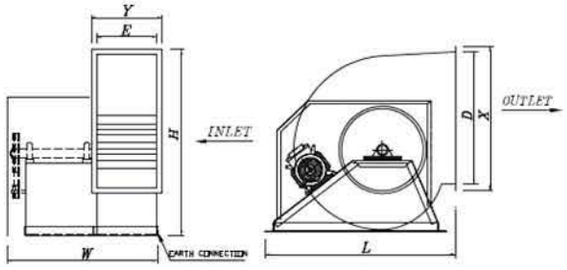
Models	Nominal Air Flow (CFM)	Driver Type	Dimensions								
			L		W	H		D	E	X	Y
			U.B.D	T.H.D		U.B.D	T.H.D				
SRCEF 11	1000	Direct Drive	546	487	570	534	593	370	190	430	250
SRCEF 13	1500	Direct Drive	612	545	600	595	660	420	190	480	250
SRCEF 14	2000	V-Belt	850	810	680	600	675	470	245	530	305
SRCEF 16	2500	V-Belt	860	830	700	670	750	520	245	580	305
SRCEF 17	3000	V-Belt	910	890	780	720	820	570	255	630	315
SRCEF 19	4500	V-Belt	980	940	810	770	880	615	285	675	345
SRCEF 22	5500	V-Belt	1180	1110	860	900	1020	730	330	790	390
SRCEF 26	7000	V-Belt	1300	1250	980	1110	1230	830	380	890	440
SRCEF 29	9000	V-Belt	1420	1330	1030	1240	1375	910	430	970	490
SRCEF 32	10500	V-Belt	1500	1420	1150	1345	1510	990	470	1050	530

NOTE

- U.B.D = Up Blast Discharge
- T.H.D = Top Horizontal Discharge
- All dimensions are in mm
- For more information about air flow rate based on total pressure drop, please refer to Exhaust Fan Catalogue.
- The above data is subject to change without prior notice.

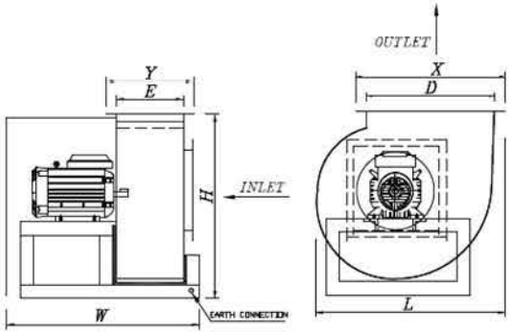


DIRECT DRIVE MODELS

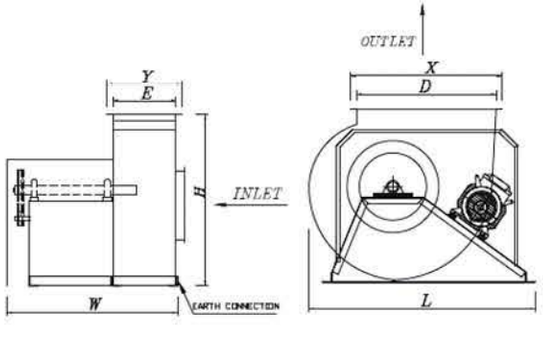


V-BELT DRIVE MODELS

(TOP HORIZONTAL TYPE)



DIRECT DRIVE MODELS



V-BELT DRIVE MODELS

(UP BLAST TYPE)


سارن
SARAN

Some Saran Executive Projects

Airports

- Imam Khomeini International Airport
- Mehrabad International Airport
- Ardabil International Airport
- Ahwaz International Airport
- Rasht International Airport
- Urmia International Airport
- Kermanshah International Airport
- Zahedan International Airport
- Boshehr (Persian Gulf) International Airport
- Payam International Airport
- Gorgan International Airport

Banks

- Central Bank of The Islamic Republic of Iran
- Agriculture Bank
- Mellat Bank
- Melli Bank
- Sepah Bank
- Karafarin Bank
- Ghavamin Bank
- Parsian Bank
- Pasargad Bank
- Refah Bank
- Sarmayeh Bank
- Sina Bank

Hospital and Pharmaceutical Industries

- Jaber Ebne Hayyan Pharmaceutical Company
- Namazi Hospital
- Hedayat Hospital
- Shariati Hospital
- Razi Vaccine And Serum Research Institute
- Ghaem Hospital
- Takhte Jamshid Hospital
- Kosar Hospital
- Gelatin Capsule Iran Company
- Sinadarou Labs Company
- Imam Sajjad Medical Center
- Razavi Hospital
- Pars Darou
- Isfahan University of Medical Sciences
- Mehr Hospital
- Farabi Eye Hospital
- Alghadir Hospital
- Martyr Dr. Faghihi Hospital
- 13 Aban Pharmacy
- Iranian Legal Medicine Organization
- Toliddaru
- Kian Hospital
- Royan Institute
- Pasteur Institute of Iran
- Mehrdarou Co.
- Rajaie Heart Hospital
- Madaen Hospital
- Jam Hospital

Some Saran Executive Projects



Universities

- Imam Hossein University
- Islamic Azad University, South Tehran Branch
- Khajeh Nasir Toosi University of Technology
- Hamedan University of Technology
- AJA University of Medical Sciences
- Ministry of Education of Islamic Republic of Iran
- Sharif University of Technology
- Kurdistan University of Medical Sciences
- Amirkabir University of Technology
- Ministry of Science, Research And Technology of Islamic Republic of Iran
- Arak University of Technology
- The Petroleum University of Technology
- Persian Gulf University
- University of Tehran
- Shahrood University of Technology
- Shahed University
- Payame Noor University
- Razi University
- Shahid Rajaee Teacher Training University
- Shahid Beheshti University
- Iran University of Science And Technology
- Malek-Ashtar University of Technology
- Tarbiat Modares University
- Damghan University
- Arak University of Medical Sciences



Hotels

- Chalandar Tourist Complex
- Arian Hotel
- Parsian Azadi Hotel
- Parsian Azadi Khazar Hotel
- Taj Mahal Hotel
- Simorgh Hotel
- Ariana Hotel
- Atrak Hotel
- Piroozy Hotel
- Mada'in Hotel
- Parsian Esteghlal International Hotel
- Hotel Shahr
- Narenjestan Hotel
- Shayan Hotel

Some Saran Executive Projects


Restaurant and Food Industries

- Nayeb Restaurant
- Kalleh Dairy Co.
- Lina Industerial Group
- Ramak Dairy Co.
- Lina Industrial Group
- Ahmad Tea
- Damdaran Company
- Minoo Group
- Mimas Dairy Co.
- Pak Dairy Co.
- Varna Dairy Co.
- Navid Restaurant



Construction Industries

- Abyek Cement Co.
- Darab Cement Co.
- Saman Cement Co.
- Isfahan Tile Co.
- Khuzestan Cement Co.
- Fars & Khuzestan Cement Co.
- Sina Tile Co.
- Saadi Tile Co.
- Omran Anarak Cement Co.
- Bojnourd Cement Co.
- Almas Kavir Tile Complex
- Firooze Tile Co.
- Ilam Cement Co.
- Isfahan Cement Co.
- Iran China Clay Industries
- Ardestan Cement Co.
- Tehran Cement Co.


Automotive Industries

- Saipa
- Kavir Tire
- Persia Khodro
- Kerman Motor
- Iran Khodro Co.
- Pars Tire
- Dena Tire
- Machine Sazi Arak
- Mega Motor
- Zagross Khodro Co.
- Zamyad Co.

Some Saran Executive Projects



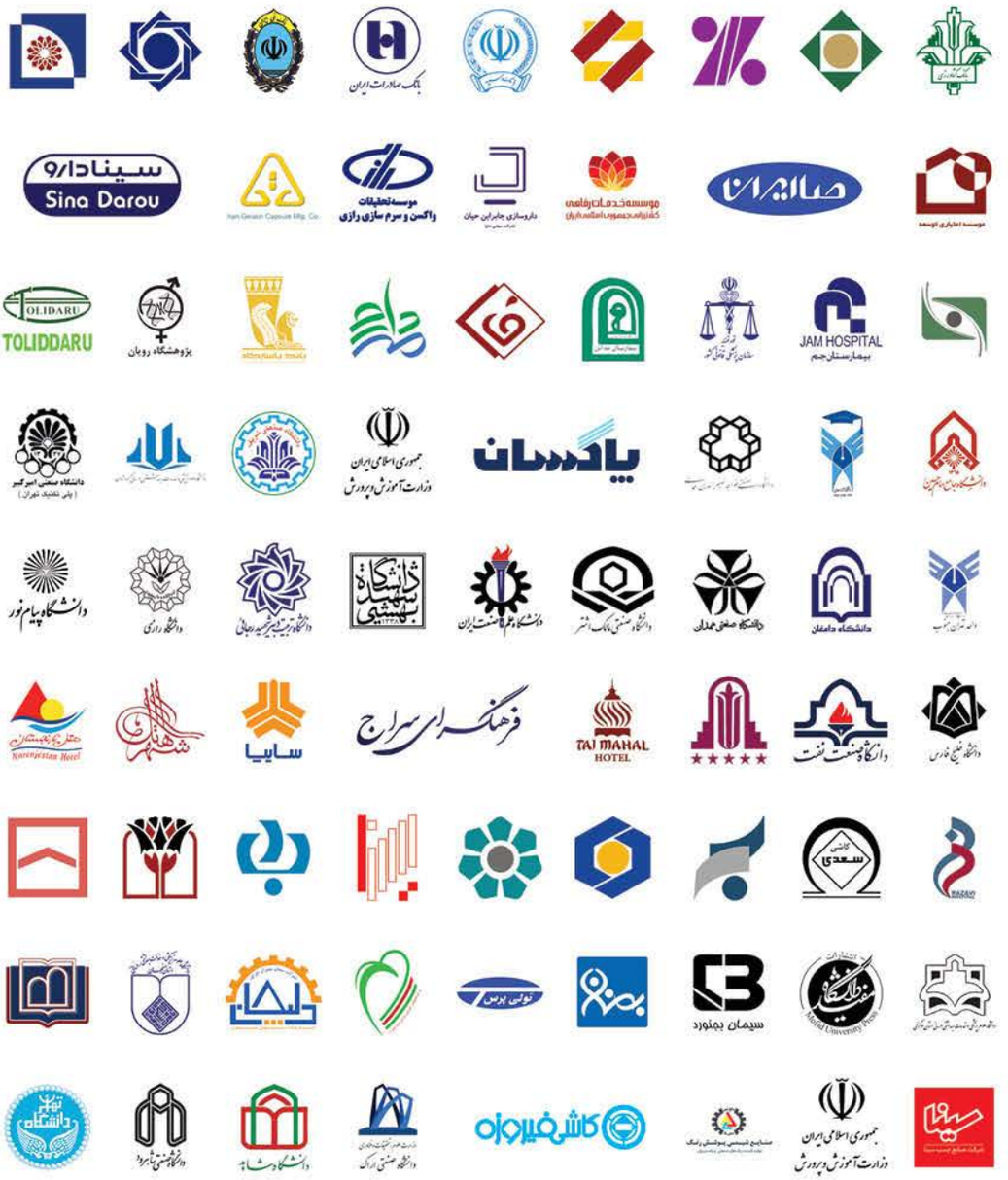
Refineries and Petrochemical Industries

- Iran South Pars Gas Development, Phase 2&3
- Iran South Pars Gas Development, Phase 6&7&8
- Iran South Pars Gas Development, Phase 17&18
- Razi Petrochemical Co.
- Parsian Gas Refining Co.
- Laleh Petrochemical Co.
- Fanavaran Petrochemical Co.
- Marun Petrochemical Co.
- Zagros Petrochemical Co.
- Arya Sasol Polymer Co.
- Lavan Oil Refining Co.
- Jam Petrochemical Co.
- Arvand Petrochemical co.
- Abadan Oil Refining Co.
- Mobin Petrochemical Co.
- Ilam Petrochemical Co.


Other

- Mojtamae Tejari Milad Saz Ghaem
- Chabahar Power Plant
- Kashan Power Plant
- Ardestan Power Plant
- Jahrom Power Plant
- Tolypers
- Bic
- Sina Adhesive Industry
- Emersun
- Solomon Carpet
- Iran Pooya Co.
- Iran Petrotech
- Gaam Electric
- Butane Industrial Co.
- Emcoiran
- Behran Oil
- Arya-Transfo
- Taam Locomotive Ariya Co.
- Esfahan Steel Company
- Kooshesh Radiator
- Paxan Co.
- Damandeh
- Kachiran
- Lavanbaft
- Electrogen Co.
- Alborz Cable
- Iran National Copper Co.
- Pousheshrang Industry
- Paya Communication Industries
- Semnan Wire And Cable
- Iran Electronics Industries (Sairan)
- Staedtler Co.
- Arj Co.

Some Customers of Saran Company



Some Customers of Saran Company

SARAN COMPANY'S QUALITY CERTIFICATE AND ENVIRONMENTAL POLICY

Saran MFG Group has been certified with ISO 9001:2015 quality management system, ISO/TS 29001:2010 sector-specific quality management systems for petroleum, petrochemical and natural gas industries and ISO 14001:2015 quality and environment management system for design and manufacturing of HVAC equipments.

Saran MFG Group achievement to implement robust quality management systems reinforces the company's commitment to the highest standards in operations, production and management, to ensure customers receive the very best in quality and service.

CONTRACTORS COLLEAGUE

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Wieland

Bitzer

Schneider Electric

rosenberg
THE AIR MOVEMENT GROUP

RefComp

NICOTRA Gebhardt

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industrie technik

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Copeland
brand products

Castel
Italian technology

CAREL

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