



CONDENSING UNIT

Features

- Available in 36 different models with cooling capacities from 5 to 280 tons of refrigeration
- Scroll/Reciprocating/Screw 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...)
- PLC control ability
- Static and dynamic balanced propeller fans with minimum noise level
- Possibility to using copper or aluminum fins for condenser coils
- Ability to using inner groove copper tubes to increase heat transfer
- Ability to create anti corrosion coating upon request
- Easy maintenance and disassemble
- Suitable for air conditioning and industrial applications



Physical and Performance Data

MODEL	TC (KBH)	WC (KW)	Compressor		No. of Fan	Electrical Data		Dimensions			Weight (Kg)
			Type	No.		Max Amp	Max KW	L (cm)	W (cm)	H (cm)	
1SRCU-5A-75	70.5	4.7	Recip. / Scroll	1	1	11.3	6.2	144	120	140	546
1SRCU-7.5A-75	122.5	8	Recip. / Scroll	1	1	18.8	10.2	144	120	140	546
1SRCU-10A-110	143.5	9.5	Recip. / Scroll	1	2	23.3	12.7	144	210	140	705
1SRCU-15A-150	188.5	12.9	Recip. / Scroll	1	2	33.6	18.0	144	210	140	730
1SRCU-20A-225	205	14.9	Recip. / Scroll	1	4	42.7	22.7	212	210	145	1046
1SRCU-25A-225	263	19.3	Recip. / Scroll	1	4	50.1	27.5	212	210	145	1075
1SRCU-30A-300	317	23.3	Recip. / Scroll	1	4	57.5	32.0	212	210	145	1264
1SRCU-35A-375	380	29.7	Recip.	1	5	75.5	41.1	301	210	145	1760
1SRCU-40A-450	459	35.3	Recip.	1	6	87.5	49.7	301	210	175	1800
1SRCU-50A-450	561	41.1	Recip. / Screw	1	6	99.5	67.8	301	210	175	2064
1SRCU-60A-600	671	49.8	Recip. / Screw	1	8	120.8	68.6	410	210	177	2660
2SRCU-10A-110	141	9.4	Recip. / Scroll	2	2	22.6	12.5	144	210	140	710
2SRCU-15A-150	245	16	Recip. / Scroll	2	2	40.8	21.8	144	210	140	960
2SRCU-20A-225	287	19	Recip. / Scroll	2	4	53.0	28.0	212	210	145	1266
2SRCU-30A-300	377	25.8	Recip. / Scroll	2	4	67.2	36.0	212	210	145	1420
2SRCU-40A-450	410	29.8	Recip. / Scroll	2	6	79.2	42.8	301	210	175	2087
2SRCU-50A-450	526	38.6	Recip. / Scroll	2	6	94.0	52.4	301	210	175	2190
2SRCU-60A-600	634	46.6	Recip. / Scroll	2	8	115.0	64.0	410	210	177	2735
2SRCU-70A-750	760	59.4	Recip.	2	10	121.2	82.2	593	210	179	3290
2SRCU-80A-750	918	70.6	Recip.	2	10	168.8	96.8	593	210	179	3400
2SRCU-100A-900	1122	82.2	Recip. / Screw	2	12	199.0	109.4	593	210	179	4020
2SRCU-120A-1150	1342	99.6	Recip. / Screw	2	12	229.2	132.0	593	210	179	4551
2SRCU-140A-2x600	1436	112.8	Screw	2	18	284.0	172.4	600	330	217	6545
2SRCU-160A-2x750	1656	127.4	Screw	2	18	311.0	188.6	600	330	232	6876
2SRCU-180A-2x900	1996	145.8	Screw	2	18	344.6	212.2	700	330	289	7421
2SRCU-200A-2x900	2216	162.2	Screw	2	18	367.8	226.6	700	330	289	7940
2SRCU-220A-2x1150	2386	177	Screw	2	18	416.0	252.8	700	330	309	8687
2SRCU-250A-2x1150	2720	201.6	Screw	2	18	467.0	283.0	700	330	309	9980
2SRCU-280A-2x1150	3218	243	Screw	2	18	541.0	329.4	700	330	309	10850
4SRCU-80A-750	820	59.6	Recip. / Scroll	4	10	152.2	83.0	593	240	179	3090
4SRCU-100A-900	1052	77.2	Recip. / Scroll	4	12	188.0	104.8	593	240	181	3905
4SRCU-120A-1150	1268	93.2	Recip. / Scroll	4	12	217.6	122.8	593	240	181	4290
4SRCU-140A-2x600	1520	118.8	Recip.	4	18	259.2	150.4	600	330	217	6845
4SRCU-160A-2x750	1836	141.2	Recip.	4	18	294.8	176.4	600	330	232	6965
4SRCU-200A-2x900	2244	164.4	Screw	4	18	374.2	224.0	700	330	289	8245
4SRCU-240A-2x1150	2684	199.2	Screw	4	18	445.8	269.2	700	330	309	8555

Note:

- KBH = 1000 Btu/hr
- TC = Actual cooling capacity base on 50 °F evaporating temperature and 100 °F ambient temperature - Refrigerant R22
- WC = Compressor power input base on 50 °F evaporating temperature and 100 °F ambient temperature - Refrigerant R22
- For information about TC and WC values in other condition, please refer to Condensing Unit Catalogue