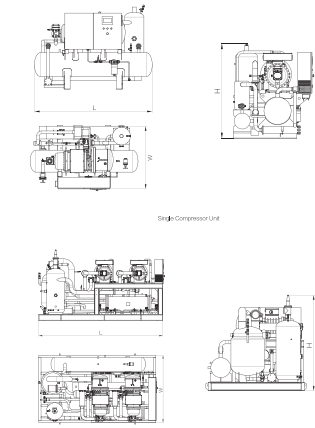
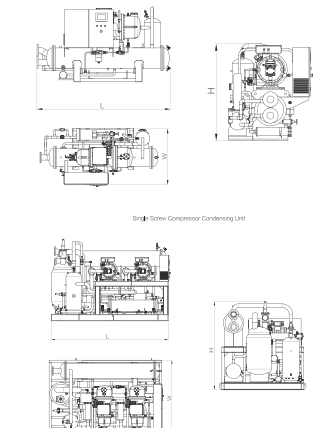


SW3L Series Screw Compressor Unit Outline Drawings



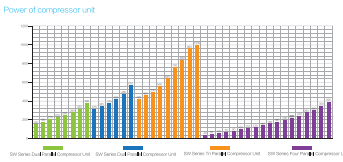
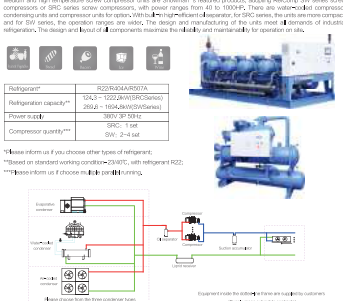
Single Compressor Unit

SW3L Series Water-Cooled Compressor Condensing Unit Outline Drawings

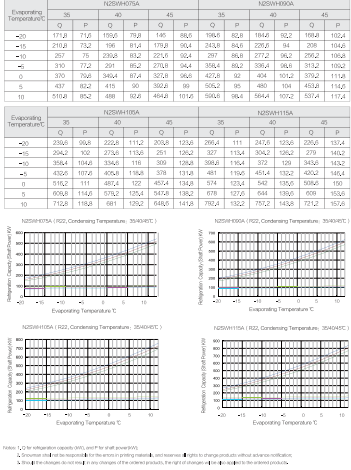


Single Screw Compressor Condensing Unit

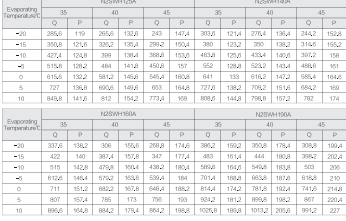
Medium and High Screw Compressor Unit Series



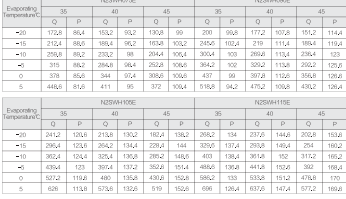
SW3H Series Dual Parallel Compressor Unit Performance Parameters and Graphs



SW3H Series Dual Parallel Compressor Unit Performance Parameters and Graphs (Continued)

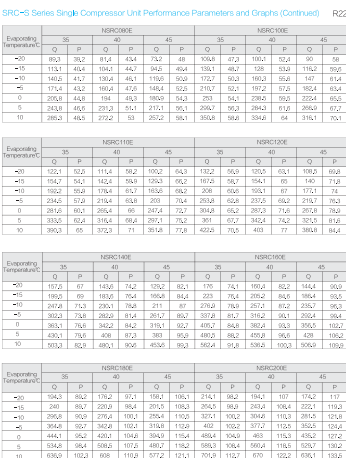


SW3H Series Dual Parallel Compressor Unit Performance Parameters and Graphs (Continued)



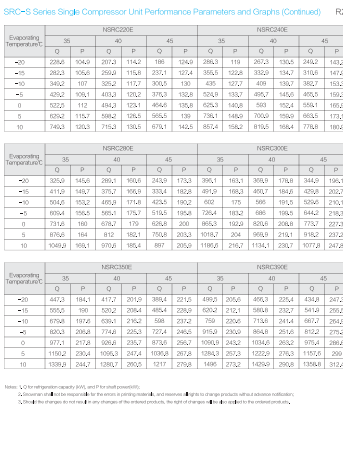
Notes: 1. Refrigerant capacity (kg/h) and power (kW) are based on the following conditions:
2. The capacity and power are based on the following conditions:
3. The capacity and power are based on the following conditions:

SR-C5 Series Single Compressor Unit Performance Parameters and Graphs (Continued)



Notes: 1. Refrigerant capacity (kg/h) and power (kW) are based on the following conditions:
2. The capacity and power are based on the following conditions:
3. The capacity and power are based on the following conditions:

SR-C5 Series Single Compressor Unit Performance Parameters and Graphs (Continued)



Notes: 1. Refrigerant capacity (kg/h) and power (kW) are based on the following conditions:
2. The capacity and power are based on the following conditions:
3. The capacity and power are based on the following conditions:

SRC-S Series Single Compressor Unit Performance Parameters and Graphs (Continued): RS07A

Exhausting Temperature	NRC9000E										NRC9000E									
	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
-20	45.1	25.5	41.2	25.8	35.9	32.8	35.1	32	32.4	30.2	30.2	28.2	41.3							
-10	55.2	26.3	54.6	28.2	47.9	32.7	44.4	31.2	38.2	37.3	36.9	42.4								
+10	73.8	27.2	69.6	30.8	57.3	34.8	56.1	34.2	56.9	35.9	37.9	42.5								
+20	85.1	26.2	81.5	31.8	71.9	36.3	72.5	36.2	71.3	37.2	37.2	44.7								

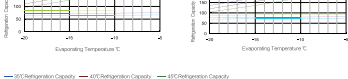
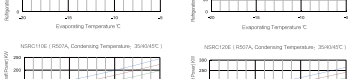
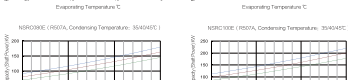
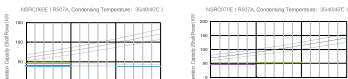
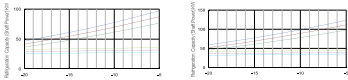
Exhausting Temperature	NRC9000E										NRC9000E									
	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
-20	88	36.4	85.6	40.9	62.1	42.6	78.3	43.2	80.1	43.3	69.4	53.2								
-10	88.2	36.6	77.2	41.2	68	45.4	100.9	45.9	88	45.2	78.9	53.8								
+10	100.5	37	98	41.2	86.6	47	108	43	113.9	46.2	100.5	54.5								
+20	110.5	37.5	112.3	42.1	107.2	47.9	119.2	45.2	141.2	48.1	108.1	55.2								

Exhausting Temperature	NRC9000E										NRC9000E									
	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
-20	25.2	46.3	80.4	54.1	67.9	60.9	110.1	58.3	99.9	65.3	85.9	73.4								
-10	115.1	44.7	104	54.9	91.2	61.6	142.8	56.7	127.8	65.9	112.1	74.4								
+10	142.1	43.2	133.5	55.2	116.2	62.4	178.9	59.2	163.2	68.9	145.7	75.3								
+20	175.9	43.1	165.1	55.9	149.1	63.2	205.3	60.2	204.4	67.2	175.9	76.7								

Exhausting Temperature	NRC9100E										NRC9100E									
	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
-20	124.7	64.7	103.9	72.5	85.2	61.8	135	70.2	119	76.8	104	86.5								
-10	139	65.2	142.2	73.2	124.7	62.7	157	70.7	135.3	79.4	119	86.6								
+10	161.1	65.5	159.5	74	139.4	63.5	219.4	71.2	194.6	80.2	171.9	89.7								
+20	225.1	65.8	223	74.8	198	64.5	265.3	72.5	241.3	81.2	214.3	91.8								

Note: 1. Q is refrigerant capacity (kW), and P is shaft power (kW).
2. Q is the refrigerant capacity (kW), and P is the shaft power (kW) at 100% load.
3. Q is the refrigerant capacity (kW), and P is the shaft power (kW) at 100% load.
4. Q is the refrigerant capacity (kW), and P is the shaft power (kW) at 100% load.
5. Q is the refrigerant capacity (kW), and P is the shaft power (kW) at 100% load.

SRC-S Series Single Compressor Unit Performance Parameters and Graphs (Continued): RS07A



SRC-S Series Single Compressor Unit Performance Parameters and Graphs (Continued): RS07A

Exhausting Temperature	NRC9140E										NRC9160E									
	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
-20	101	85.2	141.9	92.5	123.3	106.1	170.8	91.4	159.8	102.4	137.2	115.2								
-10	125.2	85.3	155.2	93.5	141	106.2	202.2	92.1	205.1	103.3	170.8	116.2								
+10	155.2	86.1	225.1	111	204.1	106.8	272.2	103.1	271	102.2	225.4	136.2								
+20	191.4	85.2	201.8	94.5	255.8	107.8	323.3	94.4	321.8	105.8	285.2	170.2								

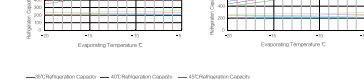
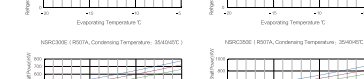
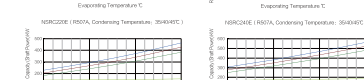
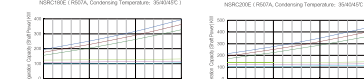
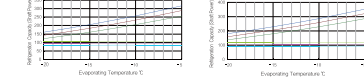
Exhausting Temperature	NRC9160E										NRC9200E									
	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
-20	199.8	95.3	175.3	103.1	168	124.2	214.2	102.2	198.2	102.2	171.2	136.2								
-10	235.2	95.7	225.1	111	204.1	106.8	272.2	103.1	271	102.2	225.4	136.2								
+10	271.2	101.8	295.2	115.8	261.2	127.2	343.2	102.2	319.2	102.2	285.4	160.2								
+20	325.8	102.3	355.2	116.8	317.3	135.3	385.2	116.1	389.2	126.2	365.2	185.2								

Exhausting Temperature	NRC9200E										NRC9200E									
	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
-20	225.2	114.5	205.2	128.4	183.2	146.1	304.2	136.1	270.2	154.1	204.2	170.8								
-10	255.2	115.8	238	130.8	240.2	148	343.2	143.3	313.2	155.3	215.2	175.8								
+10	311.2	115.8	314.2	133.8	317.2	156.4	404.2	148.2	402.2	155.2	335.2	195.2								
+20	385.2	123.2	405.2	137.2	385.1	153.2	455.2	152.3	452.2	165.3	414.2	215.2								

Exhausting Temperature	NRC9200E										NRC9200E									
	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
-20	425.8	195.8	394.2	211.2	344.2	237.2	475.2	215.2	435.2	235.2	375.2	255.2								
-10	527.2	196.3	485.2	217.2	455.2	241.8	555.2	221.2	545	245.2	475.2	271.2								
+10	645.1	203.2	655.2	224.2	545	245.8	735.2	225.2	675.2	251.2	615.2	285.2								
+20	775.2	211.2	755.2	232	682	252.2	875.2	235.2	815.2	251.2	745.2	305.2								

Note: 1. Q is refrigerant capacity (kW), and P is shaft power (kW).
2. Q is the refrigerant capacity (kW), and P is the shaft power (kW) at 100% load.
3. Q is the refrigerant capacity (kW), and P is the shaft power (kW) at 100% load.
4. Q is the refrigerant capacity (kW), and P is the shaft power (kW) at 100% load.
5. Q is the refrigerant capacity (kW), and P is the shaft power (kW) at 100% load.

SRC-S Series Single Compressor Unit Performance Parameters and Graphs (Continued): RS07A



SRC-S Series Single Compressor Unit Performance Parameters and Graphs (Continued): RS07A

Exhausting Temperature	NRC9300E										NRC9300E									
	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
-20	156.2	46.3	146.3	49.2	126.2	46.2	146.3	46.2	146.3	46.2	146.3	46.2								
-10	165.4	47.2	155.4	50.2	135.2	47.2	155.4	47.2	155.4	47.2	155.4	47.2								
+10	181.4	48.2	171.4	51.2	151.2	48.2	171.4	48.2	171.4	48.2	171.4	48.2								
+20	191.4	49.2	181.4	52.2	161.2	49.2	181.4	49.2	181.4	49.2	181.4	49.2								



Note: 1. Q is refrigerant capacity (kW), and P is shaft power (kW).
2. Q is the refrigerant capacity (kW), and P is the shaft power (kW) at 100% load.
3. Q is the refrigerant capacity (kW), and P is the shaft power (kW) at 100% load.
4. Q is the refrigerant capacity (kW), and P is the shaft power (kW) at 100% load.
5. Q is the refrigerant capacity (kW), and P is the shaft power (kW) at 100% load.

Note: 1. Q is refrigerant capacity (kW), and P is shaft power (kW).
2. Q is the refrigerant capacity (kW), and P is the shaft power (kW) at 100% load.
3. Q is the refrigerant capacity (kW), and P is the shaft power (kW) at 100% load.
4. Q is the refrigerant capacity (kW), and P is the shaft power (kW) at 100% load.
5. Q is the refrigerant capacity (kW), and P is the shaft power (kW) at 100% load.

Note: 1. Q is refrigerant capacity (kW), and P is shaft power (kW).
2. Q is the refrigerant capacity (kW), and P is the shaft power (kW) at 100% load.
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4. Q is the refrigerant capacity (kW), and P is the shaft power (kW) at 100% load.
5. Q is the refrigerant capacity (kW), and P is the shaft power (kW) at 100% load.

SW3H Series Compressor Unit Technical Parameters R22

Power	N2S9H475E										N2S9H475E									
	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P		
225	150	180	270	320	390	450	540	630	720	810	900									
270	180	225	320	390	480	540	630	720	810	900	945	1020	1125	1200	1275	1350	1425	1500		
315	225	270	390	480	570	630	720	810	900	945	1020	1125	1200	1275	1350	1425	1500	1575		
345	270	315	480	570	660	720	810	900	945	1020	1125	1200	1275	1350	1425	1500	1575	1650		
375	315	345	570	660	750	810	900	945	1020	1125	1200	1275	1350	1425	1500	1575	1650	1725		
420	390	420	660	750	840	900	945	1020	1125	1200	1275	1350	1425	1500	1575	1650	1725	1800		
480	450	480	750	840	930	945	1020	1125	1200	1275	1350	1425	1500	1575	1650	1725	1800	1875		
540	540	540	840	930	1020	1020	1125	1200	1275	1350	1425	1500	1575	1650	1725	1800	1875	1950		
600	630	600	930	1020	1125	1125	1200	1275	1350	1425	1500	1575	1650	1725	1800	1875	1950	2025		
675	720	675	1020	1125	1200	1200	1275	1350	1425	1500	1575	1650	1725	1800	1875	1950	2025	2100		
720	810	720	1125	1200	1275	1275	1350	1425	1500	1575	1650	1725	1800	1875	1950	2025	2100	2175		
795	900	795	1200	1275	1350	1350	1425	1500	1575	1650	1725	1800	1875	1950	2025	2100	2175	2250		
870	945	870	1275	1350	1425	1425	1500	1575	1650	1725	1800	1875	1950	2025	2100	2175	2250	2325		
945	1020	945	1350	1425	1500	1500	1575	1650	1725	1800	1875	1950	2025	2100	2175	2250	2325	2400		
1020	1125	1020	1425	1500	1575	1575	1650	1725	1800	1875	1950	2025	2100	2175	2250	2325	2400	2475		
1125	1200	1125	1500	1575	1650	1650	1725	1800	1875	1950	2025	2100	2175	2250	2325	2400	2475	2550		
1200	1275	1200	1575	1650	1725	1725	1800	1875	1950	2025	2100	2175	2250	2325	2400	2475	2550	2625		
1275	1350	1275	1650	1725	1800	1800	1875	1950	2025	2100	2175	2250	2325	2400	2475	2550	2625	2700		
1350	1425	1350	1725	1800	1875	1875	1950	2025	2100	2175	2250	2325	2400	2475	2550	2625	2700	2775		
1425	1500	1425	1800	1875	1950	1950	2025	2100	2175	2250	2325	2400	2475	2550	2625	2700	2775	2850		
1500	1575	1500	1875	1950	2025	2025	2100	2175	2250	2325	2400	2475	2550	2625	2700	2775	2850	2925		
1575	1650	1575	1950	2025	2100	2100	2175	2250	2325	2400	2475	2550	2625	2700	2775	2850	2925	3000		
1650	1725	1650	2025	2100	2175	2175	2250	2325	2400	2475	2550	2625	2700	2775	2850	2925	3000	3075		
1725	1800	1725	2100	2175	2250	2250	2325	2400	2475	2550	2625	2700	2775	2850	2925	3000	3075	3150		
1800	1875	1800	2175	2250	2325	2325	2400	2475	2550	2625	2700	2775	2850	2925	3000	3075	3150	3225		
1875	1950	1875	2250	2325	2400	2400	2475	2550	2625	2700	2775	2850	2925	3000	3075	3150	3225	3300		
1950	2025	1950	2325	2400	2475	2475	2550	2625	2700	2775	2850	2925	3000	3075	3150	3225	3300	3375		
2025	2100	2025	2400	2475	2550	2550	2625	2700	2775	2850	2925	3000	3075	3150	3225	3300	3375	3450		
2100	2175	2100	2475	2550	2625	2625	2700	2775	2850	2925	3000	3075	3150	3225	3300	3375	3450	3525		
2175	2250	2175	2550	2625	2700	2700	2775	2850	2925	3000	3075	3150	3225	3300	3375	3450	3525	3600		
2250	2325	2250	2625	2700	2775	2775	2850	2925	3000	3075	3150	3225	3300	3375	3450	3525	3600	3675		
2325	2400	2325	2700	2775	2850	2850	2925	3000	3075	3150	3225	3300	3375	3450	3525	3600	3675	3750		
2400	2475	2400	2775	2850	2925	2925	3000	3075	3150	3225	3300	3375	3450	3525	3600	3675	3750	3825		
2475	2550	2475	2850	2925	3000	3000	3075	3150	3225	3300	3375	3450	3525	3600	3675	3750	3825	3900		
2550	2625	2550	2925	3000	3075	3075	3150	3225	3300	3375	3450	3525	3600	3675	3750	3825	3900	3975		
2625	2700	2625	3000	3075	3150	3150	3225	3300	3375	3450	3525	3600	3675	3750	3825	3900	3975	4050		
2700	2775	2700	3075	3150	3225	3225	3300	3375	3450	3525	3600	3675	3750	3825	3900	3975	4050	4125		
2775	2850	2775	3150	3225	3300	3300	3375	3450	3525	3600	3675	3750	3825	3900	3975	4050	4125	4200		
2850	2925	2850	3225	3300	3375	3375	3450	3525	3600	3675	3750	3825	3900	3975	4050	4125	4200	4275		
2925	3000	2925	3300	3375	3450	3450	3525	3600	3675	3750	3825	3900	3975	4050	4125	4200	4275	4350		
3000	3075	3000	3375	3450	3525	3525	3600	3675	3750	3825	3900	3975	4050	4125	4200	4275	4350	4425		
3075	3150	3075	3450	3525	3600	3600	3675	3750	3825	3900	3975	4050	4125	4200	4275	4350	4425	4500		
3150	3225	3150	3525	3600	3675	3675	3750	3825	3900	3975	4050	4125	4200	4275	4350	4425	4500	4575		
3225	3300	3225	3600	3675	3750	3750	3825	3900	3975	4050	4125	4200	4275	4350	4425	4500	4575	4650		
3300	3375	3300	3675	3750	3825	3825	3900	3975	4050	4125	4200	4275	4350	4425	4500	4575	4650	4725		
3375	3450	3375	3750	3825	3900	3900	3975	4050	4125	4200	4275	4350	4425	4500	4575	4650	4725	4800		
3450	3525	3450	3825	3900	3975	3975	4050	4125	4200	4275	4350	4425	4500	4575	4650	4725	4800	4875		
3525	3600	3525	3900	3975	4050	4050	4125	4200	4275	4350	4425	4500	4575	4650	4725	4800	4875	4950		
3600	3675	3600	3975	4050	4125	4125	4200	4275	4350	4425	4500	4575	4650	4725	4800	4875	4950	5025		
3675	3750	3675	4050	4125	4200	4200	4275	4350	4425	4500	4575	4650	4725	4800	4875	4950	5025	5100		
3750	3825	3750	4125	4200	4275	4275	4350	4425	4500	4575	4650	4725	4800	4875	4950	5025	5100	5175		
3825	3900	3825	4200	4275	4350	4350	4425	4500	4575	4650	4725	4800	4875	4950	5025	5100	5175	5250		
3900	3975	3900	4275	4350	4425	4425	4500	4575	4650	4725	4800	4875	4950	5025	5100	5175	5250	5325		
3975	4050	3975	4350	4425	4500	4500	4575	4650	4725	4800	4875	4950	5025	5100	5175	5250	5325	5400		
4050	4125	4050	4425	4500	4575	4575	4650	4725	4800	4875	4950	5025	5100	5175	5250	5325	5400	5475		
4125	4200	4125	4500	4575	4650	4650	4725	4800	4875	4950	5025	5100	5175	5250	5325	5400	5475	5550		
4200	4275	4200	4575	4650	4725	4725	4800	4875	4950	5025	5100	5175	5250	5325	5400	5475	5550	5625		
4275	4350	4275	4650	4725	4800	4800	4875	4950	5025	5100	5175	5250	5325	5400	5475	5550	5625	5700		
4350	4425	4350	4725	4800	4875	4875	4950	5025	5100	5175	5250	5325	5400	5475	5550	5625	5700	5775		
4425	4500	4425	4800	4875	4950	4950	5025	5100	5175	5250	5325	5400	5475	5550	5625	5700	5775	5850		
4500	4575	4500	4875	4950	5025	5025	5100	5175	5250	5325	5400	5475	5550	5625	5700	5775	5850	5925		
4575	4650	4575	4950	5025	5100	5100	5175	5250	5325	5400	5475	5550	5625	5700	5775	5850	5925	6000		
4650	4725	4650	5025	5100	5175	5175	5250	5325	5400	5475	5550	5625	5700	5775	5850	5925	6000	6075		
4725	4800	4725	5100	5175	5250	5250	5325	5400	5475	5550	5625	5700	5775	5850	5925	6000	6075	6150		
4800	4875	4800	5175	5250	5325	5325	5400	5475	5550	5625	5700	5775	5850	5925	6000	6075	6150	6225		
4875	4950	4875	5250	5325	5400	5400	5475	5550	5625	5700	5775	5850	5925	6000	6075	6150	6225	6300		
4950	5025	4950	5325	5400	5475	5475	5550	5625	5700	5775	5850	5925	6000	6075	6150	6225	6300	6375		
5025	5100	5025	5400	5475	5550	5550	5625	5700	5775	5850	5925	6000	6075	6150	6225	6300	6375	6450		
5100	5175	5100	5475	5550	5625	5625	5700	5775	5850	5925	6000	6075	6150	6225	6300	6375	6450	6525		
5175	5250	5175	5550	5625	5700	5700	5775	5850	5925	6000	6075	6150	6225	6300	6375	6450	6525	6600		
5250	5325	5250	5625	5700	5775	5775	5850	5925	6000	6075	6150									

