

Competitive Compressor Replacement Guide

Hitachi
Fu Sheng
Trane
Mc Quay
RefComp



Hitachi

To aid in the conversion from a Hitachi Horizontal Screw Compressor to a Copeland Screw Compressor the following information has been assembled.

For replacement compressor selection a capacity comparison of each compressor is given in table #1 and dimensional information is given in table #2.

The suction and discharge connections are different between the Hitachi and the Copeland compressors. The Hitachi screw has the valves located on the ends and the Copeland screw has them located on the top for the SCH2-5000 through the SCH2-14HO, the suction valve connection is located on the end for the SCH2-18HO through the SCH2-24HO. The connection sizes are also different and the size information is given in table #2

The suction and discharge isolation valves as well as the discharge check valve can be removed from the existing piping, the Copeland Screw compressors

are supplied with suction and discharge service valves and an internal check valve.

The weights of the compressors are similar and listed in table #2.

The control wiring for these compressors also has some differences, the Hitachi has a motor protection module where the control circuit is wired through terminals M1 & M2 and module power is connected to L1 & L2. On the Copeland Screw the control circuit is wired through terminals 11 & 14 and module power is connected to L & N. There is an additional connection on the Copeland screw protection module at terminal 12. This can be used to indicate a general compressor failure. The reverse phase protection that was used for the Hitachi must be removed as this function is incorporated into the Copeland screw protection module.

The loading and unloading of the compressors is also very similar.

For the Hitachi Compressor			
Operation	Solenoid A	Solenoid B	Solenoid C
Start / Stop	De-energized	Energized	De-energized
Loading	De-energized	De-energized	Energized
Unloading	Energized	De-energized	De-energized
Constant Load	De-energized	De-energized	De-energized

For the Copeland Screw Compressor		
Operation	Solenoid 3	Solenoid 4
Start / Stop	Energized	De-energized
Loading	De-energized	Energized
Unloading	Energized	De-energized
Constant Load	De-energized	De-energized

The last thing that needs to be checked is starting. In applications where reduced voltage starting is used the Hitachi will have a Star - Delta starter which is different than the Copeland Screw, which uses part winding starting for the SCH2-5000 through the SCH2-14HO. The SCH2-18HO through

the SCH2-24HO do utilize Star-Delta reduced voltage starting. Full voltage or direct on line starting is the same for both compressors.

The overload relay and the contactors must be checked for proper sizing.

Table No. 1

Copeland			Hitachi		
Model Number	Capacity kBtuh	EER	Model Number	Capacity kBtuh	EER
SCH2-5000	594	15.1			
SCH2-6000	741	15.6	4005SC-Z	637	15.9
SCH2-7000	878	15.9	5005SC-Z	787	16.1
SCH2-8000	1,007	15.4	6005SC-Z	962	15.8
SCH2-9000	1,150	15.9			
SCH2-11H0	1,445	16.6	10001SC-Z	1,420	16.5
SCH2-12H0	1,639	16.1			
SCH2-14H0	1,882	16.6			
SCH2-18H0	2,481	16.9			
SCH2-21H0	2,839	16.4			
SCH2-24H0	3,248	16.9			

Based on operating conditions of 45/105/9/9 with R-22

Table No. 2

Copeland				
Model Number	LxWxH (in)	Weight (lb)	Suction Conn.	Discharge Conn.
SCH2-5000	44x22x22	716	2 1/8"	1 5/8"
SCH2-6000	44x22x22	716	2 1/8"	1 5/8"
SCH2-7000	53x22x24	1,076	3 1/8"	2 1/8"
SCH2-8000	53x22x24	1,085	3 1/8"	2 1/8"
SCH2-9000	53x22x24	1,103	3 1/8"	2 1/8"
SCH2-11H0	61x28x29	1,753	4 1/8"	3 1/8"
SCH2-12H0	61x28x29	1,766	4 1/8"	3 1/8"
SCH2-14H0	61x28x29	1,788	4 1/8"	3 1/8"
SCH2-18H0	72x28x34	2,734	4 1/8"	3 1/8"
SCH2-21H0	72x28x34	2,778	4 1/8"	3 1/8"
SCH2-24H0	72x28x34	2,800	4 1/8"	3 1/8"
Hitachi				
Model Number	LxWxH (in)	Weight (lb)	Suction Conn.	Discharge Conn.
4005SC-Z	52x16x22	795	2 1/8"	1 3/8"
5005SC-Z	56x18x23	925	2 1/8"	1 5/8"
6005SC-Z	57x18x23	970	2 1/8"	1 5/8"
10001SC-Z	67x28x27	1,820	3 5/8"	2 1/8"

Fu Sheng

To aid in the conversion from a Fu Sheng Horizontal Screw Compressor to a Copeland Screw Compressor the following information has been assembled.

For replacement compressor selection a capacity comparison of each compressor is given in table #1 and dimensional information is given in table #2.

The suction and discharge connection sizes are different between the Fu Sheng and the Copeland compressors size information is given in table #2. The Fu Sheng SR-1, 2 and 3 screws have the suction and discharge connections located on the ends, the Fu Sheng SR-4, 5, 6, and 7 connections are located on the top of the compressor. The Copeland Screws have them located on the top of the compressor for the SCH2-5000 through the SCH2-14HO, the suction valve connection is located on the end for the SCH2-18HO through the SCH2-24HO.

The suction and discharge isolation valves as well as the discharge check valve can be removed from the existing piping, the Copeland Screw compressors

are supplied with suction and discharge service valves and an internal check valve.

The weights of the compressors are similar and listed in table #2.

The control wiring for these compressors also has some differences; the Fu Sheng has a thermal motor protector where the control circuit is wired through terminals T1 & T2. On the Copeland Screw the control circuit is wired through terminals 11 & 14 and module power is connected to L & N. There is an additional connection on the Copeland screw protection module at terminal 12. This can be used to indicate a general compressor failure. The reverse phase and high discharge temperature protection that was used for the Fu Sheng must be removed as this function is incorporated into the Copeland screw protection module.

The loading and unloading of the compressors is also very similar.

For the Fu Sheng Compressor		
Operation	Solenoid 1	Solenoid 2
Start / Stop	Energized	De-energized / Energized
Loading	De-energized	De-energized
Unloading	Energized	Energized
Constant Load	De-energized	Energized

For the Copeland Screw Compressor		
Operation	Solenoid 3	Solenoid 4
Start / Stop	Energized	De-energized
Loading	De-energized	Energized
Unloading	Energized	De-energized
Constant Load	De-energized	De-energized

The last thing that needs to be checked is starting. In applications where reduced voltage starting is used all the Fu Sheng will have a Star - Delta starter which is different than the Copeland Screw, which uses part winding starting for the SCH2-5000 through the SCH2-14HO. The SCH2-18HO through the SCH2-24HO do utilize

Star-Delta reduced voltage starting. Full voltage or direct on line starting is the same for both compressors.

The overload relay and the contactors must be checked for proper sizing.

Table No. 1

Copeland			Fu Sheng		
Model Number	Capacity kBtuh	EER	Model Number	Capacity kBtuh	EER
SCH2-5000	594	15.1			
SCH2-6000	741	15.6	SR-1	615	15.4
SCH2-7000	878	15.9	SR-2	774	15.2
SCH2-8000	1,007	15.4	SR-3	916	15
SCH2-9000	1,150	15.9			
SCH2-11H0	1,445	16.6			
SCH2-12H0	1,639	16.1	SR-4	1548	15.2
SCH2-14H0	1,882	16.6			
SCH2-18H0	2,481	16.9	SR-5	1905	15.4
SCH2-21H0	2,839	16.4	SR-6	2630	
SCH2-24H0	3,248	16.9	SR-7	3185	

Based on operating conditions of 45/105/9/9 with R-22

Table No. 2

Copeland				
Model Number	LxWxH (in)	Weight (lb)	Suction Conn.	Discharge Conn.
SCH2-5000	44x22x22	716	2 1/8"	1 5/8"
SCH2-6000	44x22x22	716	2 1/8"	1 5/8"
SCH2-7000	53x22x24	1,076	3 1/8"	2 1/8"
SCH2-8000	53x22x24	1,085	3 1/8"	2 1/8"
SCH2-9000	53x22x24	1,103	3 1/8"	2 1/8"
SCH2-11H0	61x28x29	1,753	4 1/8"	3 1/8"
SCH2-12H0	61x28x29	1,766	4 1/8"	3 1/8"
SCH2-14H0	61x28x29	1,788	4 1/8"	3 1/8"
SCH2-18H0	72x28x34	2,734	4 1/8"	3 1/8"
SCH2-21H0	72x28x34	2,778	4 1/8"	3 1/8"
SCH2-24H0	72x28x34	2,800	4 1/8"	3 1/8"
Fu Sheng				
Model Number	LxWxH (in)	Weight (lb)	Suction Conn.	Discharge Conn.
SR-1	57x18x23	924	2 5/8"	1 5/8"
SR-2	61x19x23	1,144	2 5/8"	1 5/8"
SR-3	61x19x23	1,166	2 5/8"	1 5/8"
SR-4	68x32x33	1,980	4 1/8"	2 5/8"
SR-5	70x32x33	2,046	4 1/8"	2 5/8"
SR-6	71x32x34	2,420		
SR-7	73x32x34	2,530		

Trane

To aid in the conversion from a Trane Horizontal Screw Compressor to a Copeland Screw Compressor the following information has been assembled.

For replacement compressor selection a capacity comparison of each compressor is given in table #1 and dimensional information is given in table #2.

The suction and discharge connection sizes are different between the Trane and the Copeland compressors size information is given in table #2. The Trane screws have the suction and discharge connections located on the ends, the Trane CHHB series has a discharge braze bushing with a line mounted service valve. The Copeland screws are supplied with both suction and discharge service valves and have them located on the top for the SCH2-5000 through the SCH2-14HO, the suction valve connection is located on the end for the SCH2-18HO through the SCH2-24HO.

All of the Trane screw compressors utilize a remote oil separator / reservoir and oil management system. All of the Copeland screw compressors utilize an integral oil separator and oil circuit. The external oil cooler can also be removed or disabled as it will not be required with the Copeland screw

compressors. The in line discharge service valve on the CHHB series can be removed from the existing piping as well as the discharge relief valve, all the Copeland Screw compressors are supplied with suction and discharge service valves, internal check valve and internal pressure relief valve.

The weights of the compressors are listed in table #2.

The control wiring for these compressors also has some differences; the Trane has a thermal motor protector where the control circuit is wired through and customer supplied phase reversal protection, high discharge temperature protection, high oil temperature protection and low differential pressure protection. These controls must be removed as their functions are incorporated into the Copeland screw protection module. On the Copeland Screw the control circuit is wired through terminals 11 & 14 and module power is connected to L & N. There is an additional connection on the Copeland screw protection module at terminal 12. This can be used to indicate a general compressor failure.

The loading and unloading of the compressors is also very similar.

For the Trane CHHN Compressors			
Operation	Female Unloader	Male Loader	Male Unloader
Start / Stop (30%)	Energized	De-energized	De-energized
Load to 60%	De-energized	Energized	De-energized
Loading (60-100%)	Energized	Energized	De-energized
Unloading (100-60%)	Energized	De-energized	Energized
Constant Load	Energized	De-energized	De-energized

For the Trane CHHB Compressors		
Operation	Un-Load Solenoid	Load Solenoid
Start / Stop	Energized	De-energized
Loading	De-energized	Energized
Unloading	Energized	De-energized
Constant Load	De-energized	De-energized

For the Copeland Screw Compressor		
Operation	Solenoid 3	Solenoid 4
Start / Stop	Energized	De-energized
Loading	De-energized	Energized
Unloading	Energized	De-energized
Constant Load	Energized	De-energized

The last thing that needs to be checked is starting. In applications where reduced voltage starting is used all the Trane will have a Star - Delta starter which is different than the Copeland Screw, which uses part winding starting for the SCH2-5000 through the SCH2-14HO. The SCH2-18HO through

the SCH2-24HO do utilize Star-Delta reduced voltage starting. Full voltage or direct on line starting is the same for both compressors.

The overload relay and the contactors must be checked for proper sizing.

Table No. 1

Copeland			Trane		
Model Number	Capacity kBtuh	EER	Model Number	Capacity kBtuh	EER
			CNNN-035T	524	16.9
SCH2-5000	606	15.4	CHHN-040T	604	15.8
SCH2-6000	756	15.9	CHHN-050T	762	14.8
SCH2-7000	895	16.2	CHHN-060T	899	14.8
SCH2-8000	1,027	15.7			
SCH2-9000	1,173	16.2	CHHB-070T	1133	16.1
			CHHB-085T	1261	16.1
SCH2-11H0	1,474	16.9	CHHB-100T	1499	15.6
SCH2-12H0	1,672	16.4			
SCH2-14H0	1,920	16.9			
SCH2-18H0	2,530	17.3			
SCH2-21H0	2,896	16.7			
SCH2-24H0	3,313	17.3			

Based on operating conditions of 45/105/20/15 with R-22

Table No. 2

Copeland				
Model Number	LxWxH (in)	Weight (lb)	Suction Conn.	Discharge Conn.
SCH2-5000	44x22x22	716	2 1/8"	1 5/8"
SCH2-6000	44x22x22	716	2 1/8"	1 5/8"
SCH2-7000	53x22x24	1,076	3 1/8"	2 1/8"
SCH2-8000	53x22x24	1,085	3 1/8"	2 1/8"
SCH2-9000	53x22x24	1,103	3 1/8"	2 1/8"
SCH2-11H0	61x28x29	1,753	4 1/8"	3 1/8"
SCH2-12H0	61x28x29	1,766	4 1/8"	3 1/8"
SCH2-14H0	61x28x29	1,788	4 1/8"	3 1/8"
SCH2-18H0	72x28x34	2,734	4 1/8"	3 1/8"
SCH2-21H0	72x28x34	2,778	4 1/8"	3 1/8"
SCH2-24H0	72x28x34	2,800	4 1/8"	3 1/8"
Trane				
Model Number	LxWxH (in)	Weight (lb)	Suction Conn.	Discharge Conn.
CHNN-035T	41x17x22	645	2 1/8"	2 1/8"
CHNN-040T	41x17x22	645	2 1/8"	2 1/8"
CHHN-050T	45x17x22	882	2 5/8"	2 1/8"
CHHN-060T	45x17x22	882	2 5/8"	2 1/8"
CHHB-070T	48x28x16	947	4 1/8"	2 5/8"
CHHB-085T	48x28x16	1103	4 1/8"	2 5/8"
CHHB-100T	48x28x16	1103	4 1/8"	2 5/8"

Mc Quay

To aid in the conversion from a Mc Quay Screw Compressor to a Copeland Screw Compressor the following information has been assembled.

For replacement compressor selection a capacity comparison of each compressor is given in table #1 and dimensional information is given in table #2.

The suction and discharge connections are different between the Mc Quay and the Copeland compressors. The Mc Quay screw has the valves located on the ends and the Copeland screw has them located on the top for the SCH2-5000 through the SCH2-14HO, the suction valve connection is located on the end for the SCH2-18HO through the SCH2-24HO. The connection sizes are also different and the size information is given in table #2

The suction and discharge isolation valves as well as the discharge check valve can be removed from the existing piping, the Copeland Screw compressors are supplied with suction and discharge service

valves and an internal check valve.

The weights of the compressors are similar and listed in table #2.

The control wiring for these compressors also has some differences, the Mc Quay has a motor protection module where the control circuit is wired through terminals M1 & M2 and module power is connected to L1 & L2. On the Copeland Screw the control circuit is wired through terminals 11 & 14 and module power is connected to L & N. There is an additional connection on the Copeland screw protection module at terminal 12. This can be used to indicate a general compressor failure. The reverse phase protection that was used for the Mc Quay must be removed as this function is incorporated into the Copeland screw protection module.

The loading and unloading of the compressors is also very similar.

For the Mc Quay Compressor			
Operation	Solenoid A	Solenoid B	Solenoid C
Start / Stop	De-energized	Energized	De-energized
Loading	De-energized	De-energized	Energized
Unloading	Energized	De-energized	De-energized
Constant Load	De-energized	De-energized	De-energized

For the Copeland Screw Compressor		
Operation	Solenoid 3	Solenoid 4
Start / Stop	Energized	De-energized
Loading	De-energized	Energized
Unloading	Energized	De-energized
Constant Load	De-energized	De-energized

The last thing that needs to be checked is starting. In applications where reduced voltage starting is used the Mc Quay will have a Star - Delta starter which is different than the Copeland Screw, which uses part winding starting. for the SCH2-5000 through the SCH2-14HO. The SCH2-18HO through the SCH2-24HO do utilize

Star-Delta reduced voltage starting. Full voltage or direct on line starting is the same for both compressors.

The overload relay and the contactors must be checked for proper sizing.

Table No. 1

Copeland			Mc Quay		
Model Number	Capacity kBtuh	EER	Model Number	Capacity kBtuh	EER
			BAL155RL08AA	472	13.8
SCH2-5000	606	15.4	BAL167RL08AA	598	14.8
SCH2-6000	756	15.9	BAL175RL08AA	681	14.9
SCH2-7000	895	16.2			
SCH2-8000	1,027	15.7	SS155RR10A	941	14.5
SCH2-9000	1,173	16.2	SS167RR12A	1163	15.9
SCH2-11H0	1,474	16.9	SS175RR13A	1,330	16.5
SCH2-12H0	1,672	16.4			
SCH2-14H0	1,920	16.9			
SCH2-18H0	2,530	17.3			
SCH2-21H0	2,896	16.7			
SCH2-24H0	3,313	17.3			

Based on operating conditions of 45/105/20/15 with R-22

Table No. 2

Copeland				
Model Number	LxWxH (in)	Weight (lb)	Suction Conn.	Discharge Conn.
SCH2-5000	44x22x22	716	2 1/8"	1 5/8"
SCH2-6000	44x22x22	716	2 1/8"	1 5/8"
SCH2-7000	53x22x24	1,076	3 1/8"	2 1/8"
SCH2-8000	53x22x24	1,085	3 1/8"	2 1/8"
SCH2-9000	53x22x24	1,103	3 1/8"	2 1/8"
SCH2-11H0	61x28x29	1,753	4 1/8"	3 1/8"
SCH2-12H0	61x28x29	1,766	4 1/8"	3 1/8"
SCH2-14H0	61x28x29	1,788	4 1/8"	3 1/8"
SCH2-18H0	72x28x34	2,734	4 1/8"	3 1/8"
SCH2-21H0	72x28x34	2,778	4 1/8"	3 1/8"
SCH2-24H0	72x28x34	2,800	4 1/8"	3 1/8"
Mc Quay				
Model Number	LxWxH (in)	Weight (lb)	Suction Conn.	Discharge Conn.
BAL 155RL08AA	33x21x23	900	2 5/8"	1 5/8"
BAL 167RL08AA	33x21x23	900	2 5/8"	1 5/8"
BAL 175RL08AA	33x21x23	900	2 5/8"	1 5/8"
SS155RR10A	45x23x17			
SS 167RR12A	45x23x17			
SS175RR13A	45x23x17			

RefComp

To aid in the conversion from a RefComp Horizontal Screw Compressor to a Copeland Screw Compressor the following information has been assembled.

For replacement compressor selection a capacity comparison of each compressor is given in table #1 and dimensional information is given in table #2.

The suction and discharge connections are different between the RefComp and the Copeland compressors. The RefComp Screw has the suction valve located on the end and the discharge valve located on top. The Copeland screw has them both located on the top for the SCH2-5000 through the SCH2-14HO, the suction valve connection is located on the end for the SCH2-18HO through the SCH2-24HO. The connection sizes are also different and the size information is given in table #2.

The weights of the compressors are similar and listed in table #2.

The control wiring for these compressors also has some differences, the RefComp has a INT69 RCY compressor protection module where the control circuit is wired through terminals 11 & 14 and module power is connected to L & N. On the Copeland Screw the control circuit is wired through terminals 11 & 14 and module power is connected to L & N. There is an additional connection on the Copeland screw protection module at terminal 12. This can be used to indicate a general compressor failure.

The loading and unloading of the compressors is also very similar.

For the RefComp Compressor			
Operation	Solenoid A	Solenoid B	Solenoid C
Start / Stop	De-energized	Energized	De-energized
Loading	De-energized	De-energized	Energized
Unloading	Energized	De-energized	De-energized
Constant Load	De-energized	De-energized	De-energized

For the Copeland Screw Compressor		
Operation	Solenoid 3	Solenoid 4
Start / Stop	Energized	De-energized
Loading	De-energized	Energized
Unloading	Energized	De-energized
Constant Load	De-energized	De-energized

The last thing that needs to be checked is starting. In applications where reduced voltage starting is used the RefComp will have either Part Wind or Star - Delta starter which is different than the Copeland Screw, which uses part winding starting for the SCH2-5000 through the SCH2-14HO. The SCH2-18HO through the SCH2-24HO do utilize

Star-Delta reduced voltage starting. Full voltage or direct on line starting is the same for both compressors.

The overload relay and the contactors must be checked for proper sizing.

Table No. 1

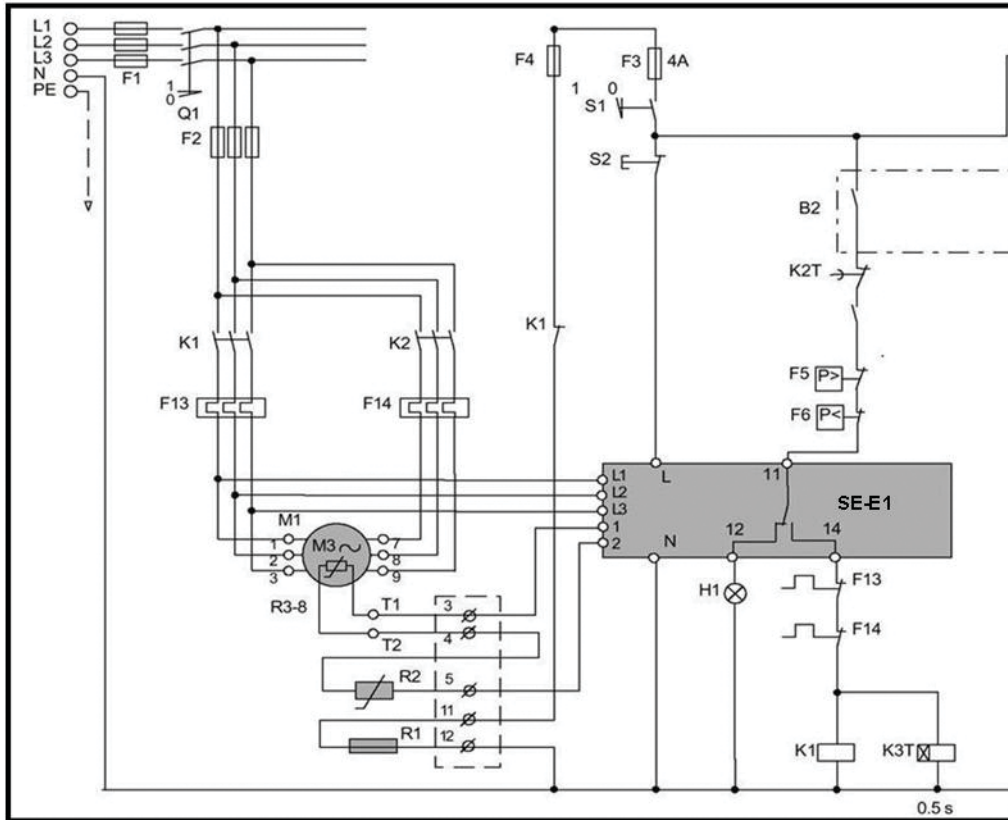
Copeland			RefComp		
Model Number	Capacity kBtuh	EER	Model Number	Capacity kBtuh	EER
SCH2-5000	503	10.0	SRC-S-113	456	9.5
SCH2-6000	638	10.3	SRC-S-133	584	9.5
SCH2-7000	727	10.3	SRC-S-163	740	10.7
				767	10.7
SCH2-8000	853	10.2	SRC-S-183	886	10.8
SCH2-9000	992	10.5	SRC-S-213		
SCH2-11H0	1197	10.8	SRC-S-253	1088	11.0
SCH2-12H0	1390	10.7	SRC-S-303	1312	11.0
SCH2-14H0	1624	11.0	SRC-S-353	1562	11.2
				1746	11.3
SCH2-18H0	2057	11.0	SRC-S-413	2020	11.8
SCH2-21H0	2049	10.9	SRC-S-453	2225	11.8
SCH2-24H0	2805	11.2	SRC-S-503	2376	11.8

Based on operating conditions of 45/130/20/15 with R-22

Table No. 2

Copeland				
Model Number	LxWxH (in)	Weight (lb)	Suction Conn.	Discharge Conn.
SCH2-5000	44x22x22	716	2 1/8"	1 5/8"
SCH2-6000	44x22x22	716	2 1/8"	1 5/8"
SCH2-7000	53x22x24	1,076	3 1/8"	2 1/8"
SCH2-8000	53x22x24	1,085	3 1/8"	2 1/8"
SCH2-9000	53x22x24	1,103	3 1/8"	2 1/8"
SCH2-11H0	61x28x29	1,753	4 1/8"	3 1/8"
SCH2-12H0	61x28x29	1,766	4 1/8"	3 1/8"
SCH2-14H0	61x28x29	1,788	4 1/8"	3 1/8"
SCH2-18H0	72x28x34	2,734	4 1/8"	3 1/8"
SCH2-21H0	72x28x34	2,778	4 1/8"	3 1/8"
SCH2-24H0	72x28x34	2,800	4 1/8"	3 1/8"
RefComp				
Model Number	LxWxH (in)	Weight (lb)	Suction Conn.	Discharge Conn.
SRC-S-113	49x17x18	716	2 1/8"	1 5/8"
SRC-S-133	49x17x18	729	2 1/8"	1 5/8"
SRC-S-163	49x17x18	740	2 1/8"	1 5/8"
SRC-S-183	40x18x25	1127	2 5/8"	2 1/8"
SRC-S-213	40x18x25	1138	2 5/8"	2 1/8"
SRC-S-253	44x19x26	1358	3 1/8"	2 1/8"
SRC-S-303	44x19x26	1381	3 1/8"	2 1/8"
SRC-S-353	64x20x30	1613	3 5/8"	3 1/8"
SRC-S-413	64x20x30	1635	3 5/8"	3 1/8"
SRC-S-453	68x23x32	2321	4 1/8"	3 1/8"
SRC-S-503	68x23x32	2365	4 1/8"	3 1/8"
SRC-S-553	68x23x32	2408	4 1/8"	3 1/8"

General Information



F1	Main Fuse	K2	Second contactor PWS
F2	Compressor Fuse	K3T	Time delay relay PWS
F3	Control Voltage Fuse	M3	Compressor motor
F4	Control Voltage Fuse	Q1	Main disconnect
F5	High Pressure cut-out	R1	Oil heater
F6	Low Pressure cut out	R2	Oil temperature sensor (PTC)
F13	Thermal over load relay PW1	R3-8	Motor winding temp. sensors (PTC's)
F14	Thermal over load relay PW2	S1	Compressor on-off switch
H1	General compressor fault indicator	S2	Compressor fault reset button
K1	Main Contactor (First contactor PWS)		

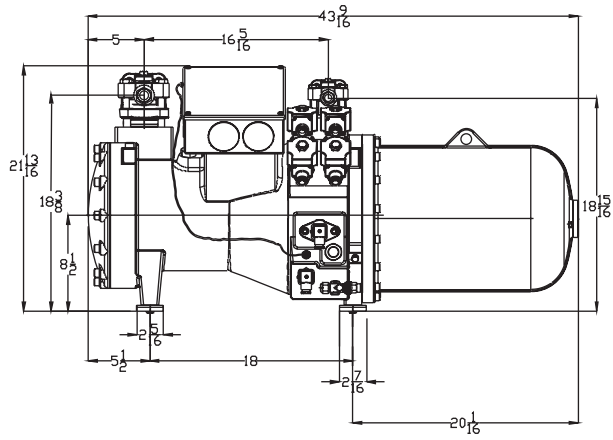
60 Hertz

English Measure

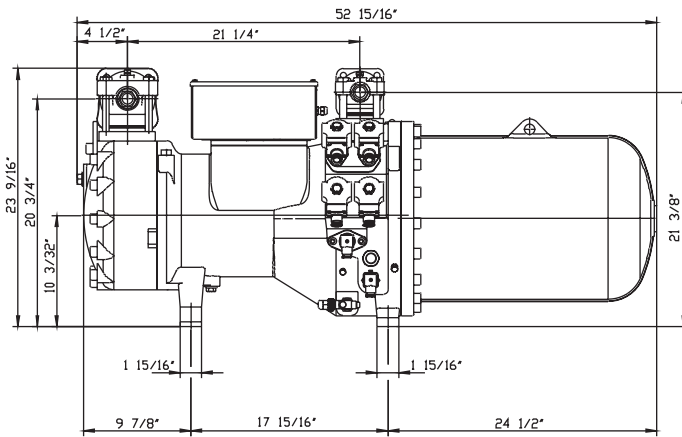
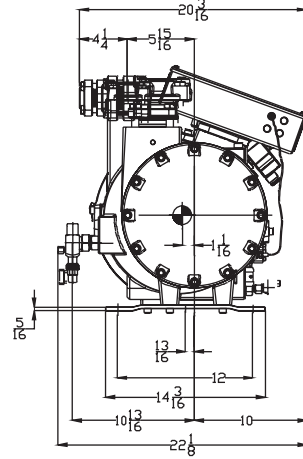
Standard Model	CFH	Volts Phase	Amperage Ratings			Performance Data Sheet
			RLA	LRA	MCC	
R-22 HIGH TEMP			RLA	LRA	MCC	
SCH2-5000-FWC	5,830	208-230	145	939	162	2.53AC60-04-197-FWC
SCH2-5000-FWD	5,830	460	72	411	81	2.53AC60-04-197-FWD
SCH2-5000-TWE	5,830	575	58	329	65	2.53AC60-04-197-TWE
SCH2-6000-FWC	7,244	208-230	205	1,162	230	2.53AC60-04-201-FWC
SCH2-6000-FWD	7,244	460	102	508	11592	2.53AC60-04-201-FWD
SCH2-6000-TWE	7,244	575	82	406	280	2.53AC60-04-201-TWE
SCH2-7000-FWC	8,410	208-230	251	1,015	134	2.53AC60-04-205-FWC
SCH2-7000-FWD	8,410	460	120	485	107	2.53AC60-04-205-FWD
SCH2-7000-TWE	8,410	575	96	404	293	2.53AC60-04-205-TWE
SCH2-8000-FWC	9,682	208-230	263	1,224	140	2.53AC60-04-209-FWC
SCH2-8000-FWD	9,682	460	126	585	112	2.53AC60-04-209-FWD
SCH2-8000-TWE	9,682	575	101	433	341	2.53AC60-04-209-TWE
SCH2-9000-FWC	10,989	208-230	305	4,135	163	2.53AC60-04-213-FWC
SCH2-9000-FWD	10,989	460	146	686	130	2.53AC60-04-213-FWD
SCH2-9000-TWE	10,989	575	116	546	398	2.53AC60-04-213-TWE
SCH2-11H0-FWC	13,428	208-230	355	1,988	199	2.53AC60-04-217-FWC
SCH2-11H0-FWD	13,428	460	178	895	159	2.53AC60-04-217-FWD
SCH2-11H0-TWE	13,428	575	142	713	444	2.53AC60-04-217-TWE
SCH2-12H0-FWC	15,300	208-230	396	2,279	222	2.53AC60-04-221-FWC
SCH2-12H0-FWD	15,300	460	198	1,054	178	2.53AC60-04-221-FWD
SCH2-12H0-TWE	15,300	575	159	843	503	2.53AC60-04-221-TWE
SCH2-14H0-FWC	17,491	208-230	449	2,569	251	2.53AC60-04-225-FWC
SCH2-14H0-FWD	17,491	460	224	1,139	201	2.53AC60-04-225-FWD
SCH2-14H0-TWE	17,491	575	179	918		2.53AC60-04-225-TWE
SCH2-18H0-EWD	22,802	460	321	1,546		2.52AC60-04-229-EWD
SCH2-18H0-EWE	22,802	575	256	1,236		2.52AC60-04-229-EWE
SCH2-21H0-EWD	26,212	460	385	1,724		2.52AC60-04-233-EWD
SCH2-21H0-EWE	26,212	575	308	1,393		2.52AC60-04-233-EWE
SCH2-24H0-EWD	29,835	460	420	2,000		2.52AC60-04-237-EWD
SCH2-24H0-EWE	29,835	575	336	1,600		2.52AC60-04-237-EWE

Notes

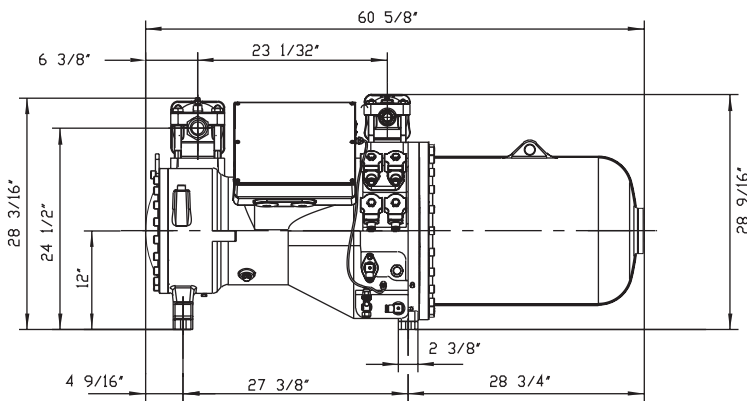
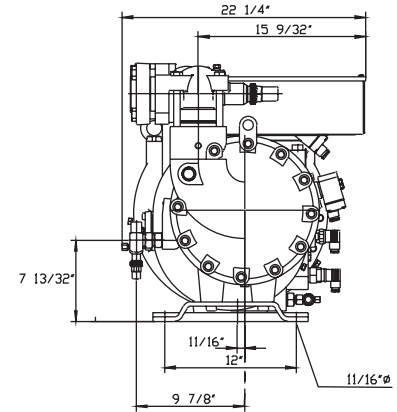
- Specifications subject to change without notice.
- See individual data sheets for complete performance and operating limits of compressors.
- RLA is abbreviation for “Rated Load Amps.” This maximum value regardless of refrigerant of application use.
- LRA is abbreviation for “Locked Rotor Amps.”
- MCC is abbreviation for “Maximum Continuous Current.” It is refrigerant and application specific .



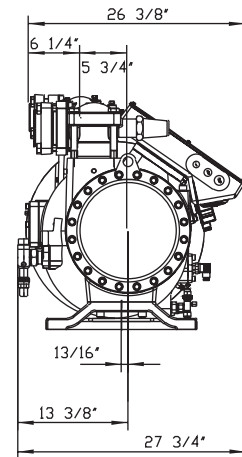
SCH2-5000/6000
SCA2-350E/400E



SCH2-7000/8000/9000
SCA2-500E/600E/700E/801E/901E



SCH2-11HO/12HO/14HO
SCA2-800E/900E/11HE



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