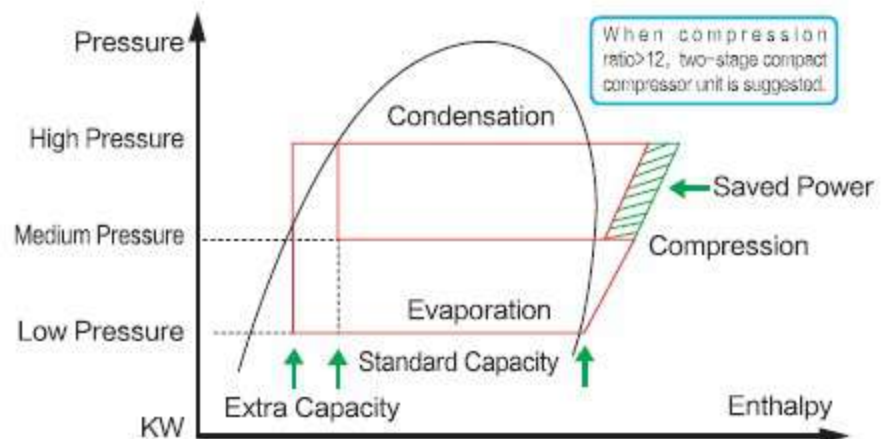
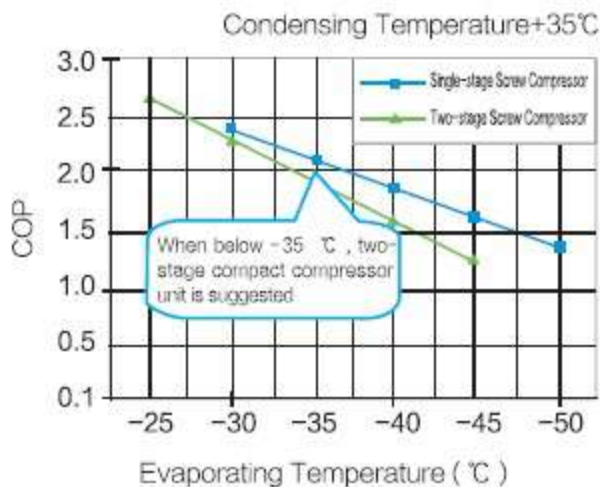


Open-type Two-stage Screw Compressor Unit

SRM Open-type Two-stage Screw Compact Compressor Unit include 4 series totaling 12 models. Two consecutive compressions are achieved through the two-stage compressor, which is especially applicable for the large compression ratio working condition. The unit can be packaged with the variable frequency motor to improve the operation efficiency when the load changes. Applicable for R717, R404A, and R507A. The standard scope of supply: Compressor, open-type motor, control center, oil separator, intercooler, oil cooler, high-capacity filter, pre-lubricating oil pump, automation components, etc.



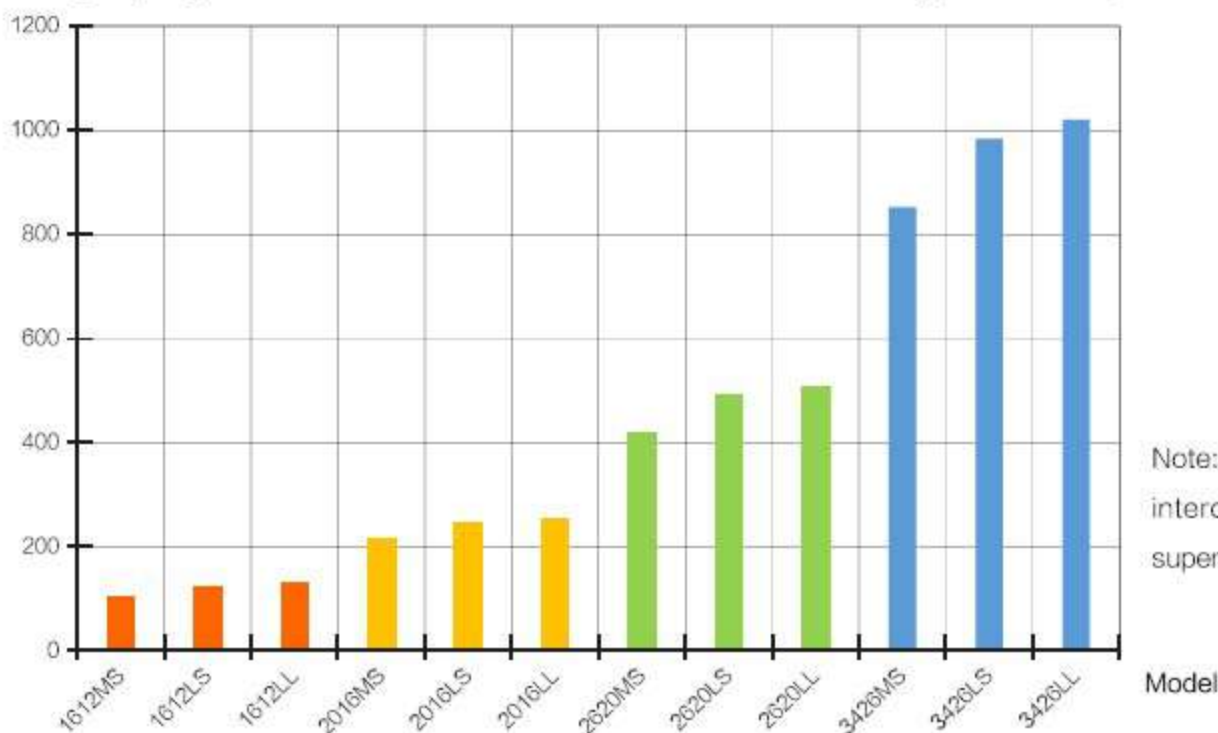
- SRM high-efficiency screw compressor: higher COP than the same type of compressor units.
- Open asynchronous motor with high efficiency and low noise; the permanent magnet synchronous variable frequency motor is also available for selection.
- Differential-pressure oil supply system with a small oil pump as pre-lubricate: energy-saving and reliable.
- Intercooler installed: make the high pressure liquid from the condenser subcooled, thus improve COP of the system.
- Fully automatic one-key start-up; real-time analysis and monitoring of the operation status; saving and keeping of the historical data remotely control.
- Automatic capacity control make the unit run with high efficiency under various working conditions.
- The preventive safety and protection system: unmanned but safe and reliable.
- All the components are from well-known manufacturers: high reliability and guaranteed quality.
- Each unit is tested and checked for its full performance to ensure the quality.



机组制冷容量

Cooling Capacity (kW)

NH₃ (-40°C / +35°C)



Open-type Two-stage Screw Compressor Unit (Continued)

Technical Parameter

Item		Unit	1612 Series									2016 Series		
Compressor	Model		SRM-1612MS			SRM-1612LS			SRM-1612LL			SRM-2016MS		
	High stage displacement	m³/h	544			652			652			1100		
	Low stage displacement	m³/h	215			215			310			435		
	Theoretical displacement		Stepless Control: 10%~100%									Stepless Control:10%~100%		
Refrigerant	Type		R717	R22	R507	R717	R22	R507	R717	R22	R507	R717	R22	R507
Cooling Capacity	Low Temp	kW	103	121	135	122	140	153	130	151	173	217	253	282
Motor	Low Temp	kW	90	90	110	110	110	132	110	110	132	160	200	220
	Power supply		3P/380V/50Hz									3P/380V/50Hz		
	Rated RPM		2960									2960		
Oil Pump	Power of Motor	kW	0.75			0.75			0.75			0.75		

Item		Unit	2016 Series						2620 Series					
Compressor	Model		SRM-2016LS			SRM-2016LL			SRM-2620MS			SRM-2620LS		
	High stage displacement	m³/h	1270			1270			2075			2478		
	Low stage displacement	m³/h	435			652			850			850		
	Theoretical displacement		Stepless Control: 10%~100%						Stepless Control: 10%~100%					
Refrigerant	Type		R717	R22	R507	R717	R22	R507	R717	R22	R507	R717	R22	R507
Cooling Capacity	Low Temp	kW	248.	285	310	252	302	336	418	496	546	491	570	604
Motor	Low Temp	kW	200	200	250	200	220	250	280	315	400	315	355	450
	Power supply		3P/380V/50Hz						3P/380V/50Hz (Optional requirement: 3P/6kV、10kV/50Hz)					
	Rated RPM		2960						2960					
Oil Pump	Power of Motor	kW	0.75			0.75			1.5			1.5		

Item		Unit	2620 Series			3426 Series								
Compressor	Model		SRM-2620LL			SRM-3426MS			SRM-3426LS			SRM-3426LL		
	High stage displacement	m³/h	2478			4280			5084			5084		
	Low stage displacement	m³/h	1270			1659			1659			2478		
	Theoretical displacement		Stepless Control:10%~100%			Stepless Control: 10%~100%								
Refrigerant	Type		R717	R22	R507	R717	R22	R507	R717	R22	R507	R717	R22	R507
Cooling Capacity	Low Temp	kW	508	607	699	852	1001	1109	984	1130	1149	1020	1234	1394
Motor	Low Temp	kW	355	400	500	560	630	800	630	710	900	710	800	1000
	Power supply		3P/380V/50Hz (Optional requirement: 3P/6kV、10kV/50Hz)											
	Rated RPM		2960			2960								
Oil Pump	Power of Motor	kW	1.5			1.5			1.5			1.5		