Mono-block Unit



Nomenclature:

SRM280MYP

SRM : **Highly Rotary Compressor Series**

280 : **Nominal Power** 280 ÷ 100 = 2.8(HP)

M : **Temperature** M：+10~ - 25°C、L：0~ -40°C

Y : R448A/R449A

P : P: Wall mounted / T: Roof top mounted

Product Description:

- ★ With the compact body Monoblock unit is easy to be installed in the cold room;
- ★ Maneurop compressor, Tecumseh compressor or other famous brand compressor inside;
- ★ Top quality components equipped in the system to make sure the unit runs well all the time;
- ★ Comprehensive protection devices offer the over loading, sub-heating, lack of phase, hi-low pressure protection etc.





Wall Mounted Unit @ Medium/High Temperature

Model	SRM100MY-P	SRM150MY-P	SRM180MY-P	SRM280MY-P	SRM350MY-P	SRM350MY-P
Compressor	DSD145CV	WHP03900DCV	WHP05180DCV	WHP07140DCV	WHP09800DCV	DTH488LC3
Cooling Capacity (Kw)	1.55	2.09	2.74	3.95	5.56	5.37
Input (Kw)	1.03	1.32	1.83	2.71	3.57	3.47
Refrigerant	R404A / R448A / R449A					
Voltage	220V/50Hz/1ph	220V/50Hz/1ph	220V/50Hz/1ph	220V/50Hz/1ph	220V/50Hz/1ph	380V/50Hz/3ph
Evaporating Temperature	-25°C ~ +10°C					
Shape Dimension (mm)	520×375×680	520×375×680	630×425×720	970×425×720	970×425×720	970×425×720
Hole Dimension (mm)	490×400	490×400	600×450	940×450	940×450	940×450
Condensing Motor — Motor Power (W)	90	90	150	300	300	300
Condensing Motor — Fan Diameter (mm)	300	300	350	350×2	350×2	350×2
Evaporating Motor — Motor Power (W)	90	90	150	300	300	300
Evaporating Motor — Fan Diameter (mm)	300	300	350	350×2	350×2	350×2
Defrost Type	Hot Gas					

Wall Mounted Unit @ Medium/Low Temperature

SRM180LY-P	SRM280LY-P	SRM350LY-P	SRM350LY-P
WHP05180DCV	WHP07140DCV	WHP09800DCV	DTH488LC3C9EU
1.54	2.28	3.31	3.22
1.73	2.52	3.14	2.99
R404A / R448A / R449A			
220V/50Hz/1ph	220V/50Hz/1ph	220V/50Hz/1ph	380V/50Hz/3ph
-40°C ~ 0°C			
630×425×720	970×425×7	970×425×7	970×425×7
600×450	940×450	940×450	940×450
150	300	300	300
350	350×2	350×2	350×2
150	300	300	300
350	350×2	350×2	350×2
Hot Gas			

Rooftop Mounted Unit @ Medium/High Temperature

Model	SRM100MY-T	SRM150MY-T	SRM180MY-T	SRM280MY-T	SRM350MY-T	SRM350MY-T
Compressor	DSD145CV	WHP03900DCV	WHP05180DCV	WHP07140DCV	WHP09800DCV	DTH488LC3
Cooling Capacity(kW)	1.55	2.09	2.74	3.95	5.56	5.37
Input (kW)	1.03	1.32	1.83	2.71	3.57	3.47
Refrigerant	R404A / R448A / R449A					
Voltage	220V/50Hz/1ph	220V/50Hz/1ph	220V/50Hz/1ph	220V/50Hz/1ph	220V/50Hz/1ph	380V/50Hz/3ph
Evaporating Temperature	-25°C ~ +10°C					
Shape Dimension (mm)	556×556×378	556×556×378	656×606×428	1006×606×528	1006×606×528	1006×606×528
Hole Dimension (mm)	500×480	500×480	600×540	950×540	950×540	950×540
Condensing Motor — Motor Power (W)	90	90	150	300	300	300
Condensing Motor — Fan Diameter (mm)	300	300	350	350×2	350×2	350×2
Evaporating Motor — Motor Power (W)	90	90	150	300	300	300
Evaporating Motor — Fan Diameter (mm)	300	300	350	350×2	350×2	350×2
Defrost Type	Hot Gas					

Rooftop Mounted Unit @ Medium/Low Temperature

SRM180LY-T	SRM280LY-T	SRM350LY-T	SRM350LY-T
WHP05180DCV	WHP07140DCV	WHP09800DCV	DTH488LC3C9EU
1.54	2.28	3.31	3.22
1.73	2.52	2.54	2.39
R404A / R448A / R449A			
220V/50Hz/1ph	220V/50Hz/1ph	220V/50Hz/1ph	380V/50Hz/3ph
-40°C ~ 0°C			
656×606×428	1006×606×528	1006×606×528	1006×606×528
600×540	950×540	950×540	950×540
150	300	300	300
350	350×2	350×2	350×2
150	300	300	300
350	350×2	350×2	350×2
Hot Gas			

Wall Mounted Unit @ High Temperature

Model	SRJ33MY-P	SRJ50MY-P	SRJ63MY-P	SRJ100MY-P	SRJ125MY-P	SRJ175MY-P	SRJ200MY-P	SRJ275MY-P	SRJ350MY-P
Cooling Capacity (W)	530	810	1050	1560	2230	2950	3250	4400	5200
Input (KW)	0.68	0.85	1.1	1.3	1.75	2.52	2.61	3.33	4.20
Power Supply	220V/1ph/50Hz	220V/1ph/50Hz	220V/1ph/50Hz	220V/1ph/50Hz	220V/1ph/50Hz	220V/1ph/50Hz	220V/1ph/50Hz	380V/3ph/50Hz	380V/3ph/50Hz
Temp (°C)	-5°C ~ +5°C								
Cond.Fan (W)	1X75	1X75	1X75	1X80	1X80	1X155	1X155	2X80	2X80
Evap.Fan (W)	1X75	1X75	1X75	1X80	1X80	1X155	1X155	2X80	2X80
Over All Size (mm)	490x1000x730	490x1000x730	490x1000x730	620x1020x765	620x1020x765	800x1020x805	800x1020x805	1090x1020x805	1090x1020x805
Defrosting	Electric Defrosting								
Throttle Type	Expansion Valve								
Refrigerant	R404A / R448A / R449A								

Wall Mounted Unit @ Low Temperature

Model	SRJ50LY-P	SRJ63LY-P	SRJ100LY-P	SRJ150LY-P	SRJ200LY-P	SRJ300LY-P	SRJ400LY-P
Cooling Capacity (W)	550	660	750	1050	1580	2060	3100
Input (KW)	0.63	0.71	1.04	1.35	2.01	2.63	3.26
Power Supply	220V/1ph/50Hz	220V/1ph/50Hz	220V/1ph/50Hz	220V/1ph/50Hz	220V/1ph/50Hz	380V/3ph/50Hz	380V/3ph/50Hz
Temp (°C)	-20°C ~ -18°C						
Cond.Fan(W)	1X75	1X75	1X80	1X80	1X155	1X155	2X80
Evap.Fan(W)	1X75	1X75	1X80	1X80	1X155	1X155	2X80
Over All Size (mm)	490x1050x730	490x1050x730	620x1070x765	620x1070x765	800x1070x805	800x1070x805	1090x1070x805
Defrosting	Electric Defrosting						
Throttle Type	Expansion Valve						
Refrigerant	R404A / R448A / R449A						

Remarks：SRJ×××MY-P --- Testing Evaporating temp: -7°C , Condensing temp: 45°C , SRJ×××LY-P --- Evaporating temp: -25°C , Condending temp: 45°C

Roof Top Unit @ High Temperature

Model	SRJ50MY-T	SRJ63MY-T	SRJ100MY-T	SRJ125MY-T	SRJ175MY-T	SRJ275MY-T	SRJ350MY-T
Cooling Capacity (W)	810	1050	1560	2230	2950	4400	5200
Input (KW)	0.85	1.10	1.30	1.75	2.52	3.33	4.20
Power Supply	220V/1P/50Hz	220V/1P/50Hz	220V/1P/50Hz	220V/1P/50Hz	380V/3P/50Hz	380V/3P/50Hz	380V/3P/50Hz
Temperature	0°C ~ +5°C						
Cond. Fan (W)	1×75	1×75	1×80	1×80	1×80	2×80	2×80
Evap. Fan (W)	1×75	1×75	1×80	1×80	1×80	2×80	2×80
Over All Size (mm)	580x1031x371	580x1031x371	760x1251x471	760x1251x471	760x1251x471	1140x1251x471	1140x1251x471
Defrost Type	Hot Gas						
Throttle Type	Expansion Valve						
Refrigerant	R404A / R448A / R449A						

Roof Top unit @ Low temperature

Model	SRJ50LY-T	SRJ200LY-T	SRJ300LY-T	SRJ150LY-T	SRJ200LY-T	SRJ300LY-T
Capacity (W)	550	660	750	1050	1580	2060
Input (KW)	0.63	0.71	1.04	1.35	2.01	2.63
Power Supply	220V/1P/50Hz	220V/1P/50Hz	220V/1P/50Hz	380V/3P/50Hz	380V/3P/50Hz	380V/3P/50Hz
Temperature	-18 ~ -20°C					
Condenser Fan (W)	1×75	1×75	1×80	1×80	1×80	2×80
Evaporator Fan (W)	1×75	1×75	1×80	1×80	1×80	2×80
Over All Size (mm)	580x1031x371	580x1031x371	760x1251x471	760x1251x471	760x1251x471	1140x1251x471
Defrost Type	Hot Gas					
Throttle Type	Expansion Valve					
Refrigerant	R404A / R448A / R449A					

Remarks：SRJ×××MY-T--- Testing Evaporating temp: -7°C , Condensing temp: 45°C , SRJ×××LY-T--- Testing Evaporating temp: -25°C , Condensing temp: 45°C