



## Mono-block Unit



### 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.



### Nomenclature:

SRJ<sup>1</sup> 50<sup>2</sup> M<sup>3</sup> Y<sup>4</sup> P<sup>5</sup>

- 1 Tecumseh/Maneurop Compressor Series**
- 2 Nominal Power** 50 ÷ 100 = 0.5(HP)
- 3 Temperature** M: +10~ -25°C, L: 0~ -40°C
- 4** R448A/R449A
- 5 P:** Wall mounted / **T:** Roof top mounted

### 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)         | 75                    | 75            | 75            | 80            | 80            | 155           | 155           | 80            | 80            |
| Evap.Fan (W)         | 75                    | 75            | 75            | 80            | 80            | 155           | 155           | 80            | 80            |
| 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)          | 75                    | 75            | 80            | 80            | 155           | 155           | 80            |
| Evap.Fan(W)          | 75                    | 75            | 80            | 80            | 155           | 155           | 80            |
| Over All Size (mm)   | 490x1050x730          | 490x1050x730  | 620x1070x765  | 620x1070x765  | 800x1070x805  | 800x1070x805  | 1090x1070x805 |
| Defrosting           | Electric Defrosting   |               |               |               |               |               |               |
| Throttle Type        | Expansion Valve       |               |               |               |               |               |               |
| Refrigerant          | R404A / R448A / R449A |               |               |               |               |               |               |

Remarks: SRJxxMY-P ---- Testing Evaporating temp: -7°C, Condensing temp: 45°C, SRJxxLY-P ---- Evaporating temp: -25°C, Condensing 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)        | 75                    | 75           | 80           | 80           | 80           | 80            | 80            |
| Evap. Fan (W)        | 75                    | 75           | 80           | 80           | 80           | 80            | 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)  | 75                    | 75           | 80           | 80           | 80           | 80            |
| Evaporator Fan (W) | 75                    | 75           | 80           | 80           | 80           | 80            |
| Over All Size (mm) | 580x1031x371          | 580x1031x371 | 760x1251x471 | 760x1251x471 | 760x1251x471 | 1140x1251x471 |
| Defrost Type       | Hot Gas               |              |              |              |              |               |
| Throttle Type      | Expansion Valve       |              |              |              |              |               |
| Refrigerant        | R404A / R448A / R449A |              |              |              |              |               |

Remarks: SRJxxMY-T---- Testing Evaporating temp: -7°C, Condensing temp: 45°C, SRJxxLY-T---- Testing Evaporating temp: -25°C, Condensing temp: 45°C