



Application

- Food chains – supermarkets and logistic center**
- Cold and freeze stores for fruits, vegetables, meat and milk products**
- Food processing industry – meat & fish processing, dairy works, bakery**

Features

- Variable cooling power according cool demand
- Cost effective operation
- Very low noise and vibration
- Design for indoor application
- Easy installation and service
- High reliability and endurance
- Optional accessories

Standard Unit Features

- Semihermetic or hermetic compressors
- Electric crankcase oil heater
- Oil management and oil filtration
- Suction and liquid filter
- Shut off insulation valves on suction and discharge ports
- High and low pressure switch
- Pressure transducer on discharge and suction side
- Factory leak test
- Charged with protection gas
- CE Conformity declaration

Optional Accessories

- Electrical control box
- Control system optional
- Back-Up control system
- Customer devices control
- Electrical harnesses
- Compressor capacity control (semihermetic only)
- Compressor start up unloader
- Flexible compressors fixing on the frame
- Compressor noise reduction option
- Unit frame zink plated
- Receiver tank with relieve valve
- Refrigerant liquid level sensor
- Economizer (liquid subcooling)
- Heat recovery
- Remote air cooled condenser
- Condenser fans speed control



Air cooled condenser

Electrical connection



Electrical control box



Refrigerant circuit piping

Refrigerant receiver tank



Compressor unit



Technical specification

Compressor pack units series Type "S" with hermetic scroll compressors. Compressors are fitted in row on one simple common frame.

Units are designed for ambient up to 43°C and for cooling and freezing applications from +7 to -32°C (room temperature). Unit can be delivered with different optional accessories.

Compressor Packs Recommended for Cooling Applications

Model	Cooling Capacity (kW) ⁽¹⁾ Te=-10°C	Application Range ⁽²⁾ [°C]	Compressors Number [-]	Dimensions AxBxH [mm]	Weight ⁽³⁾ [kg]	Sound Power ⁽⁴⁾ L _w [dB(A)]
SME-S3-ZS30	20.3	-25 ... +5	3	1700x650x1350	315	70.8
SME-S3-ZS38	24.9	-25 ... +5	3	1700x650x1350	315	71.8
SME-S3-ZS45	29.6	-25 ... +5	3	1700x650x1350	317	74.8
SME-S3-ZS56	36.0	-25 ... +5	3	2150x750x1350	545	77.8
SME-S4-ZS45	39.4	-25 ... +5	4	2000x650x1350	419	76.0
SME-S4-ZS56	48.0	-25 ... +5	4	2550x750x1550	665	79.0
SME-S3-ZS75	50.4	-25 ... +5	3	2150x750x1350	558	79.8
SME-S4-ZS75	67.2	-25 ... +5	4	2550x750x1550	665	81.0

Compressor Packs Recommended for Freezing Applications

Model	Cooling Capacity (kW) ⁽¹⁾ Te=-30°C	Application Range ⁽²⁾ [°C]	Compressors Number [-]	Dimensions AxBxH [mm]	Weight ⁽³⁾ [kg]	Sound Power ⁽⁴⁾ L _w [dB(A)]
SLE-S3-ZF13	8.7	-40 ... -20	3	1700x650x1350	315	70.8
SLE-S3-ZF15	10.7	-40 ... -20	3	1700x650x1350	317	71.8
SLE-S3-ZF18	12.9	-40 ... -20	3	1700x650x1350	320	75.8
SLE-S3-ZF24	16.1	-40 ... -20	3	2150x750x1350	545	77.8
SLE-S4-ZF18	17.2	-40 ... -20	4	2000x650x1350	420	77.0
SLE-S4-ZF24	21.4	-40 ... -20	4	2550x750x1550	670	79.0
SLE-S3-ZF33	21.8	-40 ... -20	3	2150x750x1550	560	79.8
SLE-S4-ZF33	29.0	-40 ... -20	4	2550x750x1550	678	81.0

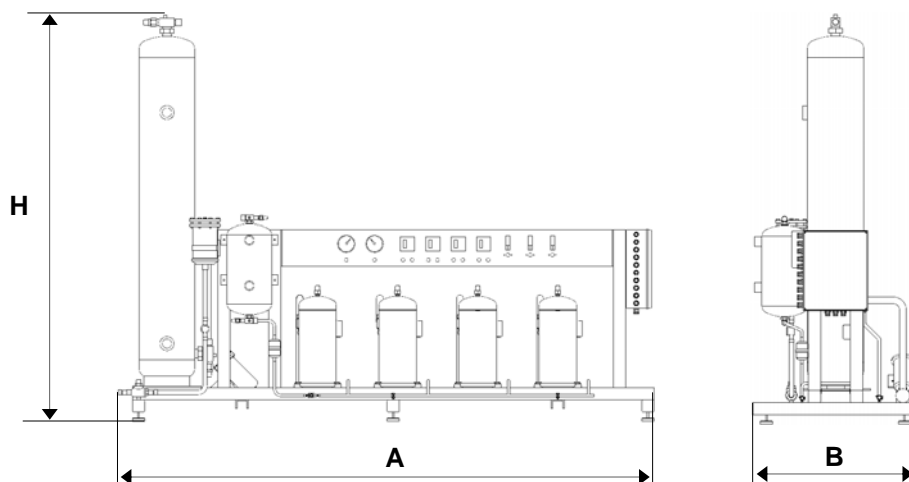
⁽¹⁾ Shown for 40°C condensing temperature, 5K liquid subcooling, for evaporator temperature Te see table header, 5K superheat, +20°C/0°C suction gas return for cooling/freezing units, refrigerant R404A; data for different conditions on request

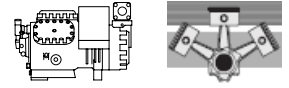
⁽²⁾ Applicable evaporator temperature range (T_e)

⁽³⁾ Unit weight – without condenser and filling

⁽⁴⁾ Unit sound power L_wA (compressors only)

Illustrative picture





Technická specifikace

Compressor pack units series Type "S" with semihermetic compressors. Compressors are fitted in row on one simple common frame.

Units are designed for ambient up to 43°C and for cooling and freezing applications from +7 to -37°C (room temperature). Unit can be delivered with different optional accessories.

Compressor Packs Recommended for Cooling Applications

Model	Cooling Capacity (kW) ⁽¹⁾ Te=-10°C	Application Range ⁽²⁾ [°C]	Compressors Number [-]	Dimensions AxBxH [mm]	Weight ⁽³⁾ [kg]	Sound Power ⁽⁴⁾ L _w [dB(A)]
SME-C3-3SC075	53.7	-25 ... -5	3	2300x980x1300	760	73.4
SME-C3-3SS100	71.1	-25 ... -5	3	2300x980x1300	800	74.3
SME-C3-4SH250	100.5	-25 ... 0	3	2300x980x1300	915	78.8
SME-C3-4SJ300	123.0	-25 ... 0	3	2300x980x1300	990	77.8
SME-C3-6SH350	150.0	-25 ... 0	3	2300x980x1300	1030	84.8
SME-C4-4SJ300	164.0	-25 ... 0	4	2800x980x1300	1270	79.0
SME-C3-6SJ400	175.5	-25 ... 0	3	2300x980x1300	1130	81.8
SME-C4-6SH350	200.0	-25 ... 0	4	2800x980x1300	1330	86.0
SME-C4-6SJ400	234.0	-25 ... 0	4	2800x980x1300	1225	83.0
SME-C5-6SH350	250.0	-25 ... 0	5	3300x980x1300	1428	88.0
SME-C5-6SJ400	292.5	-25 ... 0	5	3300x980x1300	1320	85.0

Compressor Packs Recommended for Freezing Applications

Model	Cooling Capacity (kW) ⁽¹⁾ Te=-30°C	Application Range ⁽²⁾ [°C]	Compressors Number [-]	Dimensions AxBxH [mm]	Weight ⁽³⁾ [kg]	Sound Power ⁽⁴⁾ L _w [dB(A)]
SLE-C3-2DL050	17.7	-45 ... -20	3	2300x980x1300	580	72.8
SLE-C3-3SC075	18.3	-45 ... -20	3	2300x980x1300	770	73.4
SLE-C3-3SS100	26.7	-45 ... -20	3	2300x980x1300	810	74.3
SLE-C3-4SL150	39.8	-45 ... -20	3	2300x980x1300	900	79.8
SLE-C4-4SL150	53.0	-45 ... -20	4	2300x980x1300	1250	81.0

⁽¹⁾ Shown for 40°C condensing temperature, 5K liquid subcooling, for evaporator temperature Te see table header, 5K superheat, +20°C/0°C suction gas return for cooling/freezing units, refrigerant R404A; data for different conditions on request

⁽²⁾ Applicable evaporator temperature range (T_e)

⁽³⁾ Unit weight – without condenser and filling

⁽⁴⁾ Unit sound power L_wA (compressors only)

Illustrative picture

