



SMC Superformed line

NEW mortuary coolers in innovative modular design

NEU Kühlzellen in innovativem Moduldesign

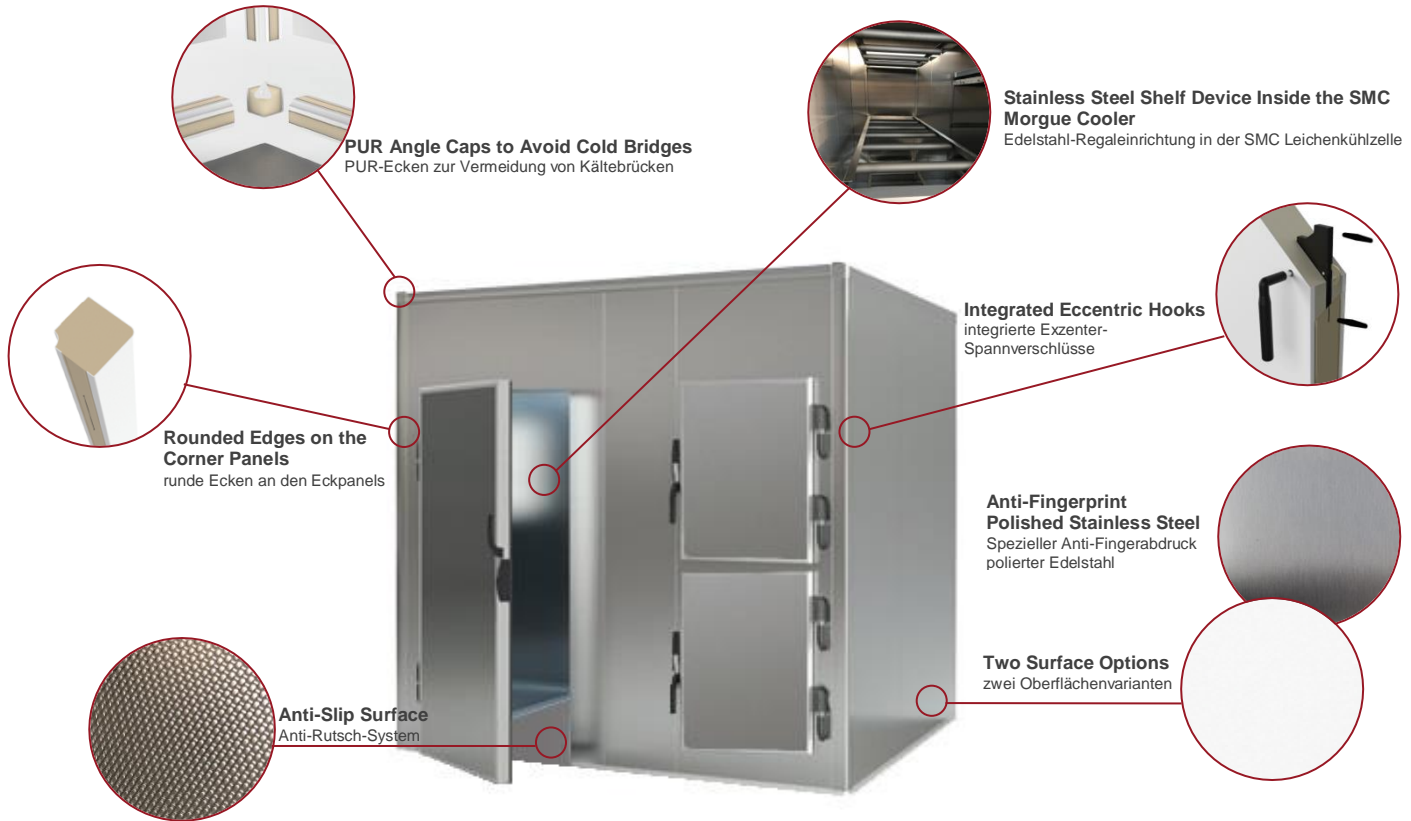


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Overview SMC Superformed Morgue Coolers

Übersicht SMC Superformed Leichenkühlzellen



Highlights

- ANTI-FINGERPRINT polished stainless steel (standard with stainless steel option)
- sturdy, self-supporting wall, floor and ceiling elements in renowned sandwich building system
- cell surfaces made of galvanized, white powder-coated steel or stainless steel (optional)
- cell floor made of galvanized, white powder-coated steel
- panels made of 80 mm thick CFC-free polyurethane (PUR) hard foam
- EASY-TO-CLEAN: rounded edges on the corner panels (inside and outside for easy cleaning & bacteria reduction)
- highly compressed insulation of 43 kg/m³, at the edges even 50 kg/m³
- suitable shelf device made of high quality 304 stainless steel
- floor element with anti-slip surface
- low noise ceiling, wall or split cooling aggregate with remote control
- all doors and hatches with emergency door opener, lockable and surrounding door sealing
- easy assembly – delivery in individual parts, assembly through integrated eccentric hooks

Besonderheiten

- ANTI-FINGERABDRUCK polierter Edelstahl (bei Edelstahloption Standardumfang)
- stabile, selbsttragende Wand-, Boden und Deckenelemente in bewährter Sandwich-Bauweise
- Oberfläche der Zelle aus verzinktem Stahlblech, weiß pulverbeschichtet oder Edelstahl (optional)
- Boden der Zelle aus verzinktem Stahlblech, weiß pulverbeschichtet
- Panels aus 80 mm starken FCKW-freien Polyurethan (PUR-)Hartschaum
- EASY-TO-CLEAN: runde Ecken an den Eckpanels innen/außen für leichte Reinigung & Bakterienreduktion
- hochverdichtete Isolierung von 43 kg/m³, an den Ecken sogar 50 kg/m³
- passendes Steckregalsystem aus hochwertigem 304 Edelstahl
- Bodenelement mit Anti-Rutsch-System
- geräuscharmes Decken-, Wand oder Split-Kühlaggregat mit Fernbedienung
- alle Türen und Luken mit Not-Öffner-Funktion, abschließbar und umlaufender Türdichtung
- einfache Montage – Lieferung in Einzelteilen, Befestigung mit integrierten Exzenter-Spannverschlüssen



Variants SMC Superformed Morgue Coolers

Varianten SMC Leichenkühlsysteme

| Feature Eigenschaft | 2 tiers - doors 2 Ebenen Türen | 3 tiers - doors 3 Ebenen Türen | 4 tiers - doors 4 Ebenen Türen | 2 tiers - hatches 2 Ebenen Luken | 3 tiers - hatches 3 Ebenen Luken |
|--|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| 304 stainless steel surface (inside + outside) 304 Edelstahl Oberflächen (innen + außen) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Monoblock cooling aggregate with either wall or ceiling mounting Monoblock Kälteaggregat zur Wand- oder Deckenmontage | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Split cooling aggregate Split-Kälteaggregat | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Temperature range cooling units Temperaturbereich Kälteaggregate | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| ▪ -5°C ... +10°C | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| ▪ -15°C ... -25°C | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Individual temperature range Individueller Temperaturbereich | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Refrigerant R404A Kältemittel R404A | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Refrigerant R452A (for deep freezer) Kältemittel R452A (für Tiefkühlung) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Air cooled luftgekühlt | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Water cooled wassergekühlt | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |







Morgue Refrigeration System

SMC 2 Tiers - Large Doors

SMC 40/200 to SMC 40/400

Leichenkühlzellen System SMC
2 Ebenen mit Türen
SMC 40/200 bis SMC 40/400



| | Body capacity Plätze | Levels Ebenen | Doors Türen | mm W/D/H mm B/T/H |  | mm W/H mm B/H |  | Type Typ | Article No. Artikel Nr. |
|---|-------------------------|------------------|----------------|----------------------|---|------------------|---|-------------|----------------------------|
|  | 2 | 2 | 1 | 1190 x 2390 x 2190 | | 700 x 1900 | | SMC 40/200 | 040.090.110 |
|  | 4 | 2 | 2 | 2190 x 2390 x 2190 | | 700 x 1900 | | SMC 40/400 | 040.090.115 |



Morgue Refrigeration System SMC 2 Tiers - Small Hatches SMC 40/0200 to SMC 40/01000

Leichenkühlzellen System SMC
2 Ebenen mit Luken
SMC 40/0200 bis SMC 40/01000



| | Body capacity Plätze | Levels Ebenen | Doors Türen | mm W/D/H mm B/T/H |  | mm W/H mm B/H |  | Type Typ | Article No. Artikel Nr. |
|---|-------------------------|------------------|----------------|----------------------|---|------------------|---|---------------|----------------------------|
|  | 2 | 2 | 2 | 1190 x 2390 x 1990 | | 700 x 600 | | SMC 40/0200 | 040.091.105 |
|  | 4 | 2 | 4 | 2190 x 2390 x 1990 | | 700 x 600 | | SMC 40/0400 | 040.091.110 |
|  | 6 | 2 | 6 | 3190 x 2390 x 1990 | | 700 x 600 | | SMC 40/0600-2 | 040.091.115 |
|  | 8 | 2 | 8 | 4190 x 2390 x 1990 | | 700 x 600 | | SMC 40/0800 | 040.091.120 |
|  | 10 | 2 | 10 | 5190 x 2390 x 1990 | | 700 x 600 | | SMC 40/01000 | 040.091.125 |



Morgue Refrigeration System

SMC 3 Tiers - Large Doors

SMC 40/300 to SMC 40/1500

Leichenkühlzellen System SMC
3 Ebenen mit Türen
SMC 40/300 bis SMC 40/1500



| | Body capacity Plätze | Levels Ebenen | Doors Türen | mm W/D/H mm B/T/H |  | mm W/H mm B/H |  | Type Typ | Article No. Artikel Nr. |
|---|-------------------------|------------------|----------------|----------------------|---|------------------|---|-------------|----------------------------|
|  | 3 | 3 | 1 | 1190 x 2390 x 2190 | | 700 x 1900 | | SMC 40/300 | 040.090.130 |
|  | 6 | 3 | 2 | 2190 x 2390 x 2190 | | 700 x 1900 | | SMC 40/600 | 040.090.140 |
|  | 9 | 3 | 3 | 3190 x 2390 x 2190 | | 700 x 1900 | | SMC 40/900 | 040.090.145 |
|  | 12 | 3 | 4 | 4190 x 2390 x 2190 | | 700 x 1900 | | SMC 40/1200 | 040.090.160 |
|  | 15 | 3 | 5 | 5190 x 2390 x 2190 | | 700 x 1900 | | SMC 40/1500 | 040.090.165 |



Morgue Refrigeration System SMC 3 Tiers - Small Hatches SMC 40/0300 to SMC 40/01500

Leichenkühlzellen System SMC
3 Ebenen mit Luken
SMC 40/0300 bis SMC 40/01500



| | Body capacity Plätze | Levels Ebenen | Doors Türen | mm W/D/H mm B/T/H |  | mm W/H mm B/H |  | Type Typ | Article No. Artikel Nr. |
|---|-------------------------|------------------|----------------|----------------------|---|------------------|---|---------------|----------------------------|
|  | 3 | 3 | 3 | 1190 x 2390 x 2590 | | 700 x 600 | | SMC 40/0300 | 040.091.130 |
|  | 6 | 3 | 6 | 2190 x 2390 x 2590 | | 700 x 600 | | SMC 40/0600-3 | 040.091.135 |
|  | 9 | 3 | 9 | 3190 x 2390 x 2590 | | 700 x 600 | | SMC 40/0900 | 040.091.140 |
|  | 12 | 3 | 12 | 4190 x 2390 x 2590 | | 700 x 600 | | SMC 40/01200 | 040.091.145 |
|  | 15 | 3 | 15 | 5190 x 2390 x 2590 | | 700 x 600 | | SMC 40/01500 | 040.091.150 |



Morgue Refrigeration System

SMC 4 Tiers - Large Doors

SMC 40/450 to SMC 40/2050

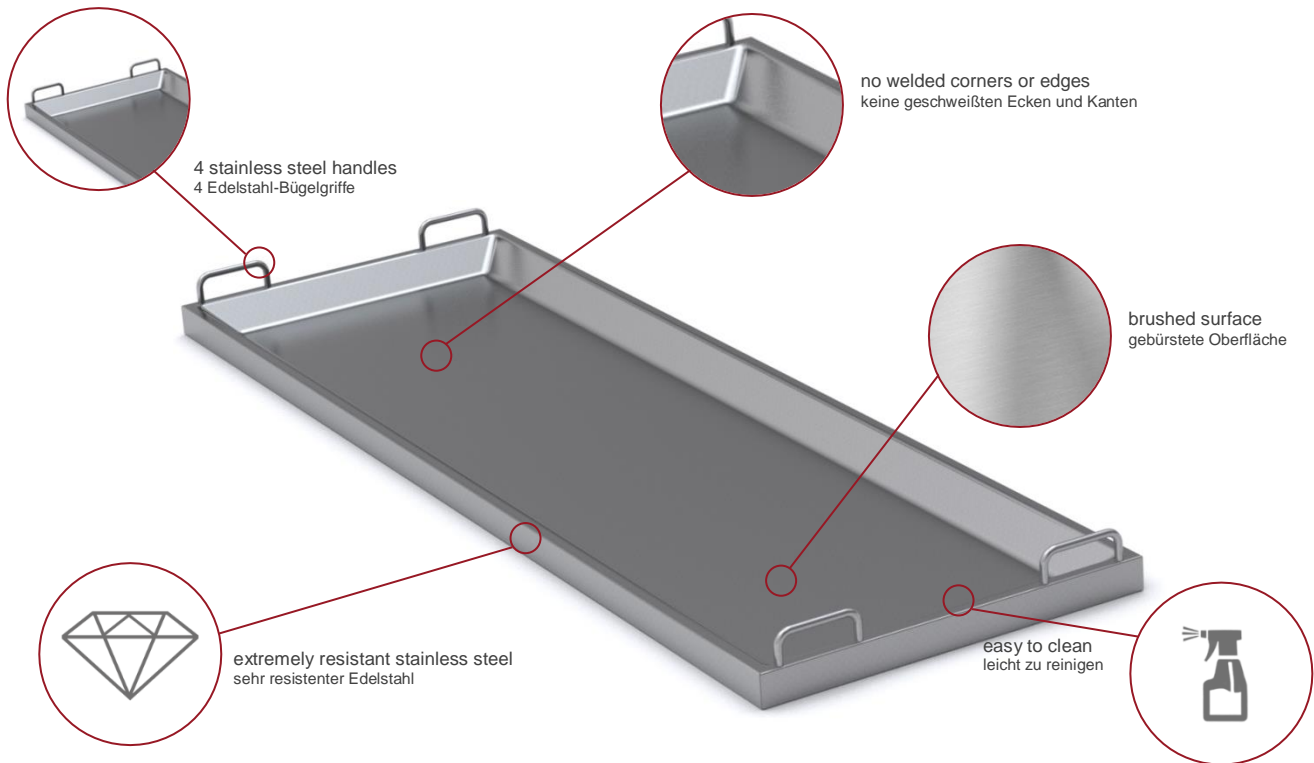
Leichenkühlzellen System SMC
4 Ebenen mit Türen
SMC 40/450 bis SMC 40/2050



| | Body capacity Plätze | Levels Ebenen | Doors Türen | mm W/D/H mm B/T/H | | mm W/H mm B/H | | Type Typ | Article No. Artikel Nr. |
|--|-------------------------|------------------|----------------|----------------------|--|------------------|--|-------------|----------------------------|
| | 4 | 4 | 1 | 1190 x 2390 x 2390 | | 700 x 2000 | | SMC 40/450 | 040.090.170 |
| | 8 | 4 | 2 | 2190 x 2390 x 2390 | | 700 x 2000 | | SMC 40/850 | 040.090.175 |
| | 12 | 4 | 3 | 3190 x 2390 x 2390 | | 700 x 2000 | | SMC 40/1250 | 040.090.180 |
| | 16 | 4 | 4 | 4190 x 2390 x 2390 | | 700 x 2000 | | SMC 40/1650 | 040.090.185 |
| | 20 | 4 | 5 | 5190 x 2390 x 2390 | | 700 x 2000 | | SMC 40/2050 | 040.090.190 |

Improved Design: Body Tray LM 80/010

Verbessertes Design: Leichenmulde LM 80/010



Pros

- seamlessly deep drawn design made of high quality 1.4301 stainless steel
- no welded corners or edges, hence easy to clean
- with 2 stainless steel handles on each end
- brushed surfaces
- surfaces resistant to cleaning agents and disinfectants
- 200 kg carrying capacity
- Dimensions W/D/H: 1900 x 620 x 50 mm
- Dead weight: approx. 16 kg
- Type: LM 80/010
- Article No.: 080.010.045

Vorteile

- nahtlos tiefgezogene Ausführung aus hochwertigem 1.4301 Edelstahl
- leichte Reinigung, da keine geschweißten Ecken und Kanten
- mit je 2 Edelstahl-Bügelgriffen an den Schmalseiten
- gebürstete Oberflächen
- Oberflächen resistent gegen Reinigungs- und Desinfektionsmittel
- 200 kg Tragfähigkeit
- Abmessungen B/T/H: 1900 x 620 x 50 mm
- Eigengewicht: ca. 16 kg
- Typ: LM 80/010
- Artikel Nr.: 080.010.045



Alternative Option: Body Tray LM 80/100

Alternative Option: Leichenmulde LM 80/100



Pros

- seamlessly deep drawn design made of high quality 1.4301 stainless steel
- no welded corners or edges, hence easy to clean
- 2 closed skids on the bottom for noiseless movement
- with 1 large stainless steel handle on each end
- brushed surfaces
- surfaces resistant to cleaning agents and disinfectants
- 200 kg carrying capacity
- Dimensions W/D/H: 2080 x 620 x 90 mm
- Dead weight: approx. 22 kg
- Type: LM 80/100
- Article No.: 080.010.010

Vorteile

- nahtlos tiefgezogene Ausführung aus hochwertigem 1.4301 Edelstahl
- leichte Reinigung, da keine geschweißten Ecken und Kanten
- 2 geschlossene Kufen an der Unterseite für geräuschfreien Transport
- mit je 1 Edelstahl-Bügelgriff an den Schmalseiten
- gebürstete Oberflächen
- Oberflächen resistent gegen Reinigungs- und Desinfektionsmittel
- 200 kg Tragfähigkeit
- Abmessungen B/T/H: 2080 x 620 x 90 mm
- Eigengewicht: ca. 22 kg
- Typ: LM 80/100
- Artikel Nr.: 080.010.010



Stainless Steel Shelf Devices Suitable for SMC line

Edelstahl-Regaleinrichtungen
passend zur SMC line



| | SMC STECK-RE 30/02-LUK | SMC STECK-RE 30/02-TUR | SMC STECK-RE 30/03-LUK | SMC STECK-RE 30/03-TUR | SMC STECK-RE 30/04-TUR |
|--|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Suitable for doors/hatches size mm (W/H) passend für Türen-/Lukengröße mm (B/H) | 700 x 600 | 700 x 1900 | 700 x 600 | 700 x 1900 | 700 x 1900 |
| Number of carrying rollers on roller track Anzahl Tragrollen auf der Rollbahn | 5 | 5 | 5 | 5 | 5 |
| Roller track with stop roller Rollbahn mit Stoppvorrichtung | ✓ | ✓ | ✓ | ✓ | ✓ |
| Levels Ebenen | 2 | 2 | 3 | 3 | 4 |
| Height 1 st level Höhe 1. Ebene | 240 | 240 | 240 | 240 | 240 |
| Height 2 nd level Höhe 2. Ebene | 995 | 820 | 995 | 740 | 683,5 |
| Height 3 rd level Höhe 3. Ebene | - | - | 1695 | 1240 | 1127 |
| Height 4 th level Höhe 4. Ebene | - | - | - | - | 1570 |
| Dimensions mm (W/D/H) Abmessungen mm (B/T/H) | 680 x 2230 x 995 | 680 x 2100 x 820 | 680 x 2230 x 1695 | 680 x 2100 x 1240 | 680 x 2100 x 1570 |
| Carrying capacity kg Tragfähigkeit kg | 300 | 300 | 450 | 450 | 600 |
| Article No. Artikel Nr. | 030.094.105 | 030.094.305 | 030.094.205 | 030.094.405 | 030.094.505 |



Cooling Aggregates Suitable for SMC line



Kälteaggregate passend zur SMC line

| | KT 80 | KT 100 | KT 180 | KT 220 | KT 320 |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Ceiling model Deckenmodell | ✓ | ✓ | ✓ | ✓ | ✓ |
| Refrigerant Kältemittel | R 134 A | R 134 A | R 134 A | R 134 A | R 134 A |
| Ambient temperature Umgebungstemperatur | +5°C ... +45°C | +5°C ... +45°C | +5°C ... +45°C | +5°C ... +45°C | +5°C ... +45°C |
| Temperature range Temperaturbereich | +10°C ... -5°C | +10°C ... -5°C | +10°C ... -5°C | +10°C ... -5°C | +10°C ... -5°C |
| Voltage Spannung | 230 V / 1Ph / 50 Hz | 230 V / 1Ph / 50 Hz | 230 V / 1Ph / 50 Hz | 400 V / 3 Ph / 50 Hz | 400 V / 3 Ph / 50 Hz |
| Refrigeration capacity (0°C inside, +40°C outside) Kälteleistung (0°C innen, +40°C außen) | 860 Watt | 753 Watt | 1601 | 2920 Watt | 3213 Watt |
| Rated input Nennaufnahme | 800 Watt 4.7 Amp | 800 Watt 4.7 Amp | 1000 Watt 5.3 Amp | 2000 Watt 4.8 Amp | 2300 Watt 5.3 Amp |
| Peak current Anlaufstrom | 26 Amp | 26 Amp | 38 Amp | 34 Amp | 42 Amp |
| Max. current Strom max. | 7.8 Amp | 7.8 Amp | 11.1 | 10.6 Amp | 11.6 Amp |
| Defrost Abtauung | hot gas Heißgas | hot gas Heißgas | hot gas Heißgas | hot gas Heißgas | hot gas Heißgas |
| Weight kg Gewicht kg | 42 | 42 | 74 | 92 | 93 |
| Compressor: Kompressor: | | | | | |
| Type Typ | hermetic hermtisch | hermetic hermtisch | hermetic hermtisch | hermetic hermtisch | hermetic hermtisch |
| Normal power Nennleistung | 500 Watt | 500 Watt | 900 Watt | 2200 Watt | 2600 Watt |
| Condenser: Kondensator: | | | | | |
| Air flow Luftmenge | 400 m³/h | 400 m³/h | 1400 m³/h | 1500 m³/h | 1500 m³/h |
| Evaporator: Verdampfer: | | | | | |
| Air flow Luftmenge | 500 m³/h | 500 m³/h | 1000 m³/h | 1500 m³/h | 2300 m³/h |
| Air throw Wurfweite | 3 m | 3 m | 4 | 10 m | 10 |
| Dimensions mm (W/D/H) Abmessungen mm (B/T/H) | 430 x 771 x 378 | 430 x 771 x 378 | 820 x 809 x 930 | 820 x 929 x 427 | 820 x 929 x 427 |
| Article No. Artikel Nr. | 040.100.104 | 040.100.083 | 040.100.087 | 040.100.100 | 040.100.102 |
| Alternative with Refrigerant R 404 A Alternative mit Kältemittel R 404 A | 040.100.010 | 040.100.020 | 040.100.040 | 040.100.050 | 040.100.060 |



Deep Freezer Cooling Aggregates

Suitable for SMC line

Tiefkühlkälteaggregate passend zur SMC line



| | TKT 80 | TKT 100 | TKT 180 | TKT 200 | TKT 300 |
|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Ceiling model Deckenmodell | ✓ | ✓ | ✓ | ✓ | ✓ |
| Refrigerant Kältemittel | R 452 A | R 452 A | R 452 A | R 452 A | R 452 A |
| Ambient temperature Umgebungstemperatur | +5°C ... +45°C | +5°C ... +45°C | +5°C ... +45°C | +5°C ... +45°C | +5°C ... +45°C |
| Temperature range Temperaturbereich | -15°C ... -25°C | -15°C ... -25°C | -15°C ... -25°C | -15°C ... -25°C | -15°C ... -25°C |
| Voltage Spannung | 230 V / 1Ph / 50 Hz | 400 V / 3Ph / 50 Hz | 400 V / 3Ph / 50 Hz | 400 V / 3Ph / 50 Hz | 400 V / 3 Ph / 50 Hz |
| Refrigeration capacity (0°C inside, +40°C outside) Kälteleistung (0°C innen, +40°C außen) | 1117 Watt | 1590 Watt | 1437 Watt | 2190 Watt | 3193 Watt |
| Rated input Nennaufnahme | 700 Watt 4.4 Amp | 1500 Watt 4.2 Amp | 1500 Watt 4.3 Amp | 2000 Watt 4.7 Amp | 3800 Watt 9 Amp |
| Peak current Anlaufstrom | 30 Amp | 27 Amp | 27 Amp | 32 Amp | 73 Amp |
| Max. current Strom max. | 7.6 Amp | 4.9 Amp | 8.2 Amp | 8.8 Amp | 17.8 Amp |
| Defrost Abtauung | hot gas Heißgas | hot gas Heißgas | hot gas Heißgas | hot gas Heißgas | hot gas Heißgas |
| Weight kg Gewicht kg | 68 | 87 | 87 | 102 | 162 |
| Compressor: Kompressor: | | | | | |
| Type Typ | hermetic hermtisch | hermetic hermtisch | hermetic hermtisch | hermetic hermtisch | hermetic hermtisch |
| Normal power Nennleistung | 1300 Watt | 1500 Watt | 1500 Watt | 2200 Watt | 3000 Watt |
| Condenser: Kondensator: | | | | | |
| Air flow Luftmenge | 750 m³/h | 1400 m³/h | 1400 m³/h | 1500 m³/h | 3100 m³/h |
| Evaporator: Verdampfer: | | | | | |
| Air flow Luftmenge | 550 m³/h | 1100 m³/h | 1100 m³/h | 2300 m³/h | 3450 m³/h |
| Air throw Wurfweite | 4 m | 4 m | 4 m | 10 | 10 |
| Dimensions mm (W/D/H) Abmessungen mm (B/T/H) | 620 x 719 x 357 | 820 x 809 x 390 | 820 x 809 x 390 | 820 x 929 x 427 | 1075 x 1046 x 542 |
| Article No. Artikel Nr. | 040.100.130 | 040.100.120 | 040.100.124 | 040.100.126 | 040.100.128 |

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