

# Compressor, hermetic, medium temperature, 7 HP, r22, POE, MT80HP4, MT80 HP4, 400/3/50, 460/3/60 volt, 1-3/4" RL – 1-1/8" x 1-1/4" RL – 3/4"

Category: compressor

written by [www.mbsm.pro](http://www.mbsm.pro) | 11 December 2021

## Product details

Gross weight 41.58 kg

Net weight 39.1 kg

EAN 5702428839525

|                                            |                                      |
|--------------------------------------------|--------------------------------------|
| Approval standard                          | CE<br>UL                             |
| Brand technique                            | Reciprocating compressor             |
| Capacity control                           | Fixed speed                          |
| Colour                                     | Blue                                 |
| Compressor power supply [V/Ph/Hz]          | 400/3/50 460/3/60                    |
| Configuration code                         | Single                               |
| Connection type                            | Rotolock                             |
| Cylinder                                   | 2                                    |
| Description                                | MT080-4                              |
| Diameter [mm]                              | 288 mm                               |
| Discharge connection height [mm]           | 74 mm                                |
| Discharge connection mounting torque [Nm]  | 90 Nm                                |
| Discharge connection pipe size [in]        | 3/4 in                               |
| Discharge connection rotolock size [in]    | 1 1/4 in                             |
| Discharge connection size [in]             | 1 1/4 in                             |
| Discharge connection sleeve pipe size [in] | 3/4 in                               |
| Drawing number                             | 8502012g                             |
| Economizer                                 | No                                   |
| Factory HP [bar]                           | 25 bar                               |
| Factory LP [bar]                           | 25 bar                               |
| Fitting remark                             | (shipped with rotolock version only) |
| Fitting sleeve                             | ODF                                  |
| Fitting standard                           | Rotolock                             |
| Frequency [Hz]                             | 50/60                                |
| Gauge port HP                              | None                                 |
| Gauge port LP                              | Schrader                             |
| Generation code                            | B                                    |

|                                           |                             |
|-------------------------------------------|-----------------------------|
| Glass mounting                            | Threaded                    |
| Glass torque [Nm]                         | 50 Nm                       |
| GP LP torque [Nm]                         | 15 Nm                       |
| High side max pressure (Ps)               | 27.8 bar                    |
| High Side TS Max                          | 150 °C                      |
| High Side TS Min                          | -35 °C                      |
| High Side Volume                          | 0.6 L                       |
| High value of nominal voltage at 50Hz [V] | 400 V                       |
| High value of nominal voltage at 60Hz [V] | 460 V                       |
| High value of voltage range at 50Hz [V]   | 460 V                       |
| High value of voltage range at 60Hz [V]   | 506 V                       |
| IP protection class                       | IP55 (with cable gland)     |
| Low side max pressure (Ps)                | 18.4 bar                    |
| Low Side TS Max                           | 50 °C                       |
| Low Side TS Min                           | -35 °C                      |
| Low Side Volume                           | 16.5 L                      |
| Low value of nominal voltage at 50Hz [V]  | 380 V                       |
| Low value of nominal voltage at 60Hz [V]  | 460 V                       |
| Low value of voltage range at 50Hz [V]    | 340 V                       |
| Low value of voltage range at 60Hz [V]    | 414 V                       |
| LRA                                       | 80 A                        |
| MCC                                       | 18 A                        |
| Model number                              | MT80HP4AVE                  |
| Motor protection                          | Internal overload protector |
| Mounting torque [Nm]                      | 15 Nm                       |
| Nominal cooling capacity 60 kBTU/h        | 80.2 kBtu/h                 |
| Nominal cooling capacity at 50Hz          | 17.8 kW                     |
| Nominal cooling capacity at 60Hz          | 23.5 kW                     |
| Number of starts per hour [Max]           | 12                          |
| Oil charge [L]                            | 1.8 L                       |
| Oil equalization                          | 3/8" flare SAE              |
| Oil equalization torque [Nm]              | 30 Nm                       |
| Oil reference                             | 160P                        |
| Packaging height [mm]                     | 455 mm                      |
| Packaging length [mm]                     | 395 mm                      |
| Packaging weight [Kg]                     | 44 kg                       |
| Packaging width [mm]                      | 365 mm                      |
| Packing format                            | Single pack                 |
| Packing quantity                          | 1                           |
| Phase                                     | 3                           |
| Power connections                         | Spade                       |
| Refrigerant                               | R22                         |
| Refrigerant charge [kg] [Max]             | 5 kg                        |
| Relief valve                              | 30 bar/8 bar                |
| Rotational speed at 50Hz [rpm]            | 2900 rpm                    |
| Rotational speed at 60Hz [rpm]            | 3500 rpm                    |

|                                                                              |                                                                 |
|------------------------------------------------------------------------------|-----------------------------------------------------------------|
| Segment usage                                                                | Air conditioning<br>Refrigeration MT                            |
| Shipped fittings                                                             | Suction and discharge solder sleeves, rotolock nuts and gaskets |
| Shipped instructions                                                         | Installation instructions                                       |
| Shipped mounting                                                             | Mounting kit with grommets, bolts, nuts, sleeves and washers    |
| Shipped oil                                                                  | Initial oil charge                                              |
| Suction connection height [mm]                                               | 265 mm                                                          |
| Suction connection mounting torque [Nm]                                      | 110 Nm                                                          |
| Suction connection pipe size [in]                                            | 1 1/8 in                                                        |
| Suction connection rotolock size [in]                                        | 1 3/4 in                                                        |
| Suction connection size [in]                                                 | 1 3/4 in                                                        |
| Suction connection sleeve pipe size [in]                                     | 1 1/8 in                                                        |
| Swept volume [cm <sup>3</sup> ]                                              | 135.78 cm <sup>3</sup>                                          |
| Technology                                                                   | Reciprocating                                                   |
| Test dif [bar] [Max]                                                         | 30 bar                                                          |
| Test HP [bar] [Max]                                                          | 30 bar                                                          |
| Test LP [bar] [Max]                                                          | 25 bar                                                          |
| Torque earth [Nm]                                                            | 3 Nm                                                            |
| Torque power [Nm]                                                            | 3 Nm                                                            |
| Total height [mm]                                                            | 413 mm                                                          |
| Type                                                                         | MT                                                              |
| Type designation                                                             | Compressor                                                      |
| Viscosity [cP]                                                               | 32 cP                                                           |
| Winding resistance for three-phase compressors with identical windings [Ohm] | 1.94 Ohm                                                        |
| Description                                                                  |                                                                 |

## Product details

**Gross weight** 44.5 kg  
**Net weight** 42 kg  
**EAN** 5702428839525  
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**Net weight** 42 kg  
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|                                   |                          |
|-----------------------------------|--------------------------|
| Approval standard                 | CE<br>UL                 |
| Brand technique                   | Reciprocating compressor |
| Capacity control                  | Fixed speed              |
| Colour                            | Blue                     |
| Compressor power supply [V/Ph/Hz] | 400/3/50 460/3/60        |

|                                            |                                      |
|--------------------------------------------|--------------------------------------|
| Configuration code                         | Single                               |
| Connection type                            | Rotolock                             |
| Cylinder                                   | 2                                    |
| Description                                | MT080-4                              |
| Diameter [mm]                              | 288 mm                               |
| Discharge connection height [mm]           | 74 mm                                |
| Discharge connection mounting torque [Nm]  | 90 N-m                               |
| Discharge connection pipe size [in]        | 3/4 in                               |
| Discharge connection rotolock size [in]    | 1 1/4 in                             |
| Discharge connection size [in]             | 1 1/4 in                             |
| Discharge connection sleeve pipe size [in] | 3/4 in                               |
| Drawing number                             | 8502012g                             |
| Economizer                                 | No                                   |
| Factory HP [bar]                           | 25 bar                               |
| Factory LP [bar]                           | 25 bar                               |
| Fitting remark                             | (shipped with rotolock version only) |
| Fitting sleeve                             | ODF                                  |
| Fitting standard                           | Rotolock                             |
| Frequency [Hz]                             | 50/60                                |
| Gauge port HP                              | None                                 |
| Gauge port LP                              | Schrader                             |
| Generation code                            | B                                    |
| Glass mounting                             | Threaded                             |
| Glass torque [Nm]                          | 50 N-m                               |
| GP LP torque [Nm]                          | 15 N-m                               |
| High side max pressure (Ps)                | 27.8 bar                             |
| High Side TS Max                           | 150 Â°C                              |
| High Side TS Min                           | -35 Â°C                              |
| High Side Volume                           | 0.6 L                                |
| High value of nominal voltage at 50Hz [V]  | 400 V                                |
| High value of nominal voltage at 60Hz [V]  | 460 V                                |
| High value of voltage range at 50Hz [V]    | 460 V                                |
| High value of voltage range at 60Hz [V]    | 506 V                                |
| IP protection class                        | IP55 (with cable gland)              |
| Low side max pressure (Ps)                 | 18.4 bar                             |
| Low Side TS Max                            | 50 Â°C                               |
| Low Side TS Min                            | -35 Â°C                              |
| Low Side Volume                            | 16.5 L                               |
| Low value of nominal voltage at 50Hz [V]   | 380 V                                |
| Low value of nominal voltage at 60Hz [V]   | 460 V                                |
| Low value of voltage range at 50Hz [V]     | 340 V                                |
| Low value of voltage range at 60Hz [V]     | 414 V                                |
| LRA                                        | 80 A                                 |
| MCC                                        | 18.5 A                               |
| Model number                               | MT80HP4AVE                           |
| Motor protection                           | Internal overload protector          |

|                                          |                                                                 |
|------------------------------------------|-----------------------------------------------------------------|
| Mounting torque [Nm]                     | 15 N-m                                                          |
| Nominal cooling capacity 60 kBTU/h       | 80.2 kBtu/h                                                     |
| Nominal cooling capacity at 50Hz         | 17.8 kW                                                         |
| Nominal cooling capacity at 60Hz         | 23.5 kW                                                         |
| Number of starts per hour [Max]          | 12                                                              |
| Oil charge [L]                           | 1.8 L                                                           |
| Oil equalization                         | 3/8" flare SAE                                                  |
| Oil equalization torque [Nm]             | 30 N-m                                                          |
| Oil reference                            | 160P                                                            |
| Packaging height [mm]                    | 455 mm                                                          |
| Packaging length [mm]                    | 395 mm                                                          |
| Packaging weight [Kg]                    | 44 kg                                                           |
| Packaging width [mm]                     | 365 mm                                                          |
| Packing format                           | Single pack                                                     |
| Packing quantity                         | 1                                                               |
| Phase                                    | 3                                                               |
| Power connections                        | Spade                                                           |
| Refrigerant                              | R22                                                             |
| Refrigerant charge [kg] [Max]            | 5 kg                                                            |
| Relief valve                             | 30 bar/8 bar                                                    |
| Rotational speed at 50Hz [rpm]           | 2900 rpm                                                        |
| Rotational speed at 60Hz [rpm]           | 3500 rpm                                                        |
| Segment usage                            | Air conditioning<br>Refrigeration MT                            |
| Shipped fittings                         | Suction and discharge solder sleeves, rotolock nuts and gaskets |
| Shipped instructions                     | Installation instructions                                       |
| Shipped mounting                         | Mounting kit with grommets, bolts, nuts, sleeves and washers    |
| Shipped oil                              | Initial oil charge                                              |
| Suction connection height [mm]           | 265 mm                                                          |
| Suction connection mounting torque [Nm]  | 110 N-m                                                         |
| Suction connection pipe size [in]        | 1 1/8 in                                                        |
| Suction connection rotolock size [in]    | 1 3/4 in                                                        |
| Suction connection size [in]             | 1 3/4 in                                                        |
| Suction connection sleeve pipe size [in] | 1 1/8 in                                                        |
| Swept volume [cm3]                       | 135.78 cm3                                                      |
| Technology                               | Reciprocating                                                   |
| Test dif [bar] [Max]                     | 30 bar                                                          |
| Test HP [bar] [Max]                      | 30 bar                                                          |
| Test LP [bar] [Max]                      | 25 bar                                                          |
| Torque earth [Nm]                        | 3 N-m                                                           |
| Torque power [Nm]                        | 3 N-m                                                           |
| Total height [mm]                        | 413 mm                                                          |
| Type                                     | MT                                                              |

|                                                                              |                                      |
|------------------------------------------------------------------------------|--------------------------------------|
| Type designation                                                             | Compressor                           |
| Viscosity [cP]                                                               | 32 cP                                |
| Winding resistance for three-phase compressors with identical windings [Ohm] | 1.94 Ohm                             |
| Approval standard                                                            | CE<br>UL                             |
| Brand technique                                                              | Reciprocating compressor             |
| Capacity control                                                             | Fixed speed                          |
| Colour                                                                       | Blue                                 |
| Compressor power supply [V/Ph/Hz]                                            | 400/3/50 460/3/60                    |
| Configuration code                                                           | Single                               |
| Connection type                                                              | Rotolock                             |
| Cylinder                                                                     | 2                                    |
| Description                                                                  | MT080-4                              |
| Diameter [mm]                                                                | 288 mm                               |
| Discharge connection height [mm]                                             | 74 mm                                |
| Discharge connection mounting torque [Nm]                                    | 90 N-m                               |
| Discharge connection pipe size [in]                                          | 3/4 in                               |
| Discharge connection rotolock size [in]                                      | 1 1/4 in                             |
| Discharge connection size [in]                                               | 1 1/4 in                             |
| Discharge connection sleeve pipe size [in]                                   | 3/4 in                               |
| Drawing number                                                               | 8502012g                             |
| Economizer                                                                   | No                                   |
| Factory HP [bar]                                                             | 25 bar                               |
| Factory LP [bar]                                                             | 25 bar                               |
| Fitting remark                                                               | (shipped with rotolock version only) |
| Fitting sleeve                                                               | ODF                                  |
| Fitting standard                                                             | Rotolock                             |
| Frequency [Hz]                                                               | 50/60                                |
| Gauge port HP                                                                | None                                 |
| Gauge port LP                                                                | Schrader                             |
| Generation code                                                              | B                                    |
| Glass mounting                                                               | Threaded                             |
| Glass torque [Nm]                                                            | 50 N-m                               |
| GP LP torque [Nm]                                                            | 15 N-m                               |
| High side max pressure (Ps)                                                  | 27.8 bar                             |
| High Side TS Max                                                             | 150 Â°C                              |
| High Side TS Min                                                             | -35 Â°C                              |
| High Side Volume                                                             | 0.6 L                                |
| High value of nominal voltage at 50Hz [V]                                    | 400 V                                |
| High value of nominal voltage at 60Hz [V]                                    | 460 V                                |
| High value of voltage range at 50Hz [V]                                      | 460 V                                |
| High value of voltage range at 60Hz [V]                                      | 506 V                                |
| IP protection class                                                          | IP55 (with cable gland)              |
| Low side max pressure (Ps)                                                   | 18.4 bar                             |

|                                          |                                                                 |
|------------------------------------------|-----------------------------------------------------------------|
| Low Side TS Max                          | 50 Â°C                                                          |
| Low Side TS Min                          | -35 Â°C                                                         |
| Low Side Volume                          | 16.5 L                                                          |
| Low value of nominal voltage at 50Hz [V] | 380 V                                                           |
| Low value of nominal voltage at 60Hz [V] | 460 V                                                           |
| Low value of voltage range at 50Hz [V]   | 340 V                                                           |
| Low value of voltage range at 60Hz [V]   | 414 V                                                           |
| LRA                                      | 80 A                                                            |
| MCC                                      | 18.5 A                                                          |
| Model number                             | MT80HP4AVE                                                      |
| Motor protection                         | Internal overload protector                                     |
| Mounting torque [Nm]                     | 15 N-m                                                          |
| Nominal cooling capacity 60 kBTU/h       | 80.2 kBTu/h                                                     |
| Nominal cooling capacity at 50Hz         | 17.8 kW                                                         |
| Nominal cooling capacity at 60Hz         | 23.5 kW                                                         |
| Number of starts per hour [Max]          | 12                                                              |
| Oil charge [L]                           | 1.8 L                                                           |
| Oil equalization                         | 3/8" flare SAE                                                  |
| Oil equalization torque [Nm]             | 30 N-m                                                          |
| Oil reference                            | 160P                                                            |
| Packaging height [mm]                    | 455 mm                                                          |
| Packaging length [mm]                    | 395 mm                                                          |
| Packaging weight [Kg]                    | 44 kg                                                           |
| Packaging width [mm]                     | 365 mm                                                          |
| Packing format                           | Single pack                                                     |
| Packing quantity                         | 1                                                               |
| Phase                                    | 3                                                               |
| Power connections                        | Spade                                                           |
| Refrigerant                              | R22                                                             |
| Refrigerant charge [kg] [Max]            | 5 kg                                                            |
| Relief valve                             | 30 bar/8 bar                                                    |
| Rotational speed at 50Hz [rpm]           | 2900 rpm                                                        |
| Rotational speed at 60Hz [rpm]           | 3500 rpm                                                        |
| Segment usage                            | Air conditioning<br>Refrigeration MT                            |
| Shipped fittings                         | Suction and discharge solder sleeves, rotolock nuts and gaskets |
| Shipped instructions                     | Installation instructions                                       |
| Shipped mounting                         | Mounting kit with grommets, bolts, nuts, sleeves and washers    |
| Shipped oil                              | Initial oil charge                                              |
| Suction connection height [mm]           | 265 mm                                                          |
| Suction connection mounting torque [Nm]  | 110 N-m                                                         |
| Suction connection pipe size [in]        | 1 1/8 in                                                        |
| Suction connection rotolock size [in]    | 1 3/4 in                                                        |

|                                                                                                                          |               |
|--------------------------------------------------------------------------------------------------------------------------|---------------|
| Suction connection size [in]                                                                                             | 1 3/4 in      |
| Suction connection sleeve pipe size [in]                                                                                 | 1 1/8 in      |
| Swept volume [cm3]                                                                                                       | 135.78 cm3    |
| Technology                                                                                                               | Reciprocating |
| Test dif [bar] [Max]                                                                                                     | 30 bar        |
| Test HP [bar] [Max]                                                                                                      | 30 bar        |
| Test LP [bar] [Max]                                                                                                      | 25 bar        |
| Torque earth [Nm]                                                                                                        | 3 N-m         |
| Torque power [Nm]                                                                                                        | 3 N-m         |
| Total height [mm]                                                                                                        | 413 mm        |
| Type                                                                                                                     | MT            |
| Type designation                                                                                                         | Compressor    |
| Viscosity [cP]                                                                                                           | 32 cP         |
| Winding resistance for three-phase compressors with identical windings [0hm]                                             | 1.94 0hm      |
| Refrigerant: R22, Segment usage: Air conditioning;Refrigeration MT, Compressor power supply [V/Ph/Hz]: 400/3/50 460/3/60 |               |

## Product details

|              |               |
|--------------|---------------|
| Gross weight | 44.5 kg       |
| Net weight   | 42 kg         |
| EAN          | 5702428839525 |
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| Net weight   | 42 kg         |
| EAN          | 5702428839525 |

|                                            |                          |
|--------------------------------------------|--------------------------|
| Approval standard                          | CE<br>UL                 |
| Brand technique                            | Reciprocating compressor |
| Capacity control                           | Fixed speed              |
| Colour                                     | Blue                     |
| Compressor power supply [V/Ph/Hz]          | 400/3/50 460/3/60        |
| Configuration code                         | Single                   |
| Connection type                            | Rotolock                 |
| Cylinder                                   | 2                        |
| Description                                | MT080-4                  |
| Diameter [mm]                              | 288 mm                   |
| Discharge connection height [mm]           | 74 mm                    |
| Discharge connection mounting torque [Nm]  | 90 N-m                   |
| Discharge connection pipe size [in]        | 3/4 in                   |
| Discharge connection rotolock size [in]    | 1 1/4 in                 |
| Discharge connection size [in]             | 1 1/4 in                 |
| Discharge connection sleeve pipe size [in] | 3/4 in                   |

|                                           |                                      |
|-------------------------------------------|--------------------------------------|
| Drawing number                            | 8502012g                             |
| Economizer                                | No                                   |
| Factory HP [bar]                          | 25 bar                               |
| Factory LP [bar]                          | 25 bar                               |
| Fitting remark                            | (shipped with rotolock version only) |
| Fitting sleeve                            | ODF                                  |
| Fitting standard                          | Rotolock                             |
| Frequency [Hz]                            | 50/60                                |
| Gauge port HP                             | None                                 |
| Gauge port LP                             | Schrader                             |
| Generation code                           | B                                    |
| Glass mounting                            | Threaded                             |
| Glass torque [Nm]                         | 50 N-m                               |
| GP LP torque [Nm]                         | 15 N-m                               |
| High side max pressure (Ps)               | 27.8 bar                             |
| High Side TS Max                          | 150 Â°C                              |
| High Side TS Min                          | -35 Â°C                              |
| High Side Volume                          | 0.6 L                                |
| High value of nominal voltage at 50Hz [V] | 400 V                                |
| High value of nominal voltage at 60Hz [V] | 460 V                                |
| High value of voltage range at 50Hz [V]   | 460 V                                |
| High value of voltage range at 60Hz [V]   | 506 V                                |
| IP protection class                       | IP55 (with cable gland)              |
| Low side max pressure (Ps)                | 18.4 bar                             |
| Low Side TS Max                           | 50 Â°C                               |
| Low Side TS Min                           | -35 Â°C                              |
| Low Side Volume                           | 16.5 L                               |
| Low value of nominal voltage at 50Hz [V]  | 380 V                                |
| Low value of nominal voltage at 60Hz [V]  | 460 V                                |
| Low value of voltage range at 50Hz [V]    | 340 V                                |
| Low value of voltage range at 60Hz [V]    | 414 V                                |
| LRA                                       | 80 A                                 |
| MCC                                       | 18.5 A                               |
| Model number                              | MT80HP4AVE                           |
| Motor protection                          | Internal overload protector          |
| Mounting torque [Nm]                      | 15 N-m                               |
| Nominal cooling capacity 60 kBTU/h        | 80.2 kBTu/h                          |
| Nominal cooling capacity at 50Hz          | 17.8 kW                              |
| Nominal cooling capacity at 60Hz          | 23.5 kW                              |
| Number of starts per hour [Max]           | 12                                   |
| Oil charge [L]                            | 1.8 L                                |
| Oil equalization                          | 3/8" flare SAE                       |
| Oil equalization torque [Nm]              | 30 N-m                               |
| Oil reference                             | 160P                                 |
| Packaging height [mm]                     | 455 mm                               |
| Packaging length [mm]                     | 395 mm                               |

|                                                                              |                                                                 |
|------------------------------------------------------------------------------|-----------------------------------------------------------------|
| Packaging weight [Kg]                                                        | 44 kg                                                           |
| Packaging width [mm]                                                         | 365 mm                                                          |
| Packing format                                                               | Single pack                                                     |
| Packing quantity                                                             | 1                                                               |
| Phase                                                                        | 3                                                               |
| Power connections                                                            | Spade                                                           |
| Refrigerant                                                                  | R22                                                             |
| Refrigerant charge [kg] [Max]                                                | 5 kg                                                            |
| Relief valve                                                                 | 30 bar/8 bar                                                    |
| Rotational speed at 50Hz [rpm]                                               | 2900 rpm                                                        |
| Rotational speed at 60Hz [rpm]                                               | 3500 rpm                                                        |
| Segment usage                                                                | Air conditioning<br>Refrigeration MT                            |
| Shipped fittings                                                             | Suction and discharge solder sleeves, rotolock nuts and gaskets |
| Shipped instructions                                                         | Installation instructions                                       |
| Shipped mounting                                                             | Mounting kit with grommets, bolts, nuts, sleeves and washers    |
| Shipped oil                                                                  | Initial oil charge                                              |
| Suction connection height [mm]                                               | 265 mm                                                          |
| Suction connection mounting torque [Nm]                                      | 110 N-m                                                         |
| Suction connection pipe size [in]                                            | 1 1/8 in                                                        |
| Suction connection rotolock size [in]                                        | 1 3/4 in                                                        |
| Suction connection size [in]                                                 | 1 3/4 in                                                        |
| Suction connection sleeve pipe size [in]                                     | 1 1/8 in                                                        |
| Swept volume [cm3]                                                           | 135.78 cm3                                                      |
| Technology                                                                   | Reciprocating                                                   |
| Test dif [bar] [Max]                                                         | 30 bar                                                          |
| Test HP [bar] [Max]                                                          | 30 bar                                                          |
| Test LP [bar] [Max]                                                          | 25 bar                                                          |
| Torque earth [Nm]                                                            | 3 N-m                                                           |
| Torque power [Nm]                                                            | 3 N-m                                                           |
| Total height [mm]                                                            | 413 mm                                                          |
| Type                                                                         | MT                                                              |
| Type designation                                                             | Compressor                                                      |
| Viscosity [cP]                                                               | 32 cP                                                           |
| Winding resistance for three-phase compressors with identical windings [Ohm] | 1.94 Ohm                                                        |
| Approval standard                                                            | CE<br>UL                                                        |
| Brand technique                                                              | Reciprocating compressor                                        |
| Capacity control                                                             | Fixed speed                                                     |
| Colour                                                                       | Blue                                                            |
| Compressor power supply [V/Ph/Hz]                                            | 400/3/50 460/3/60                                               |
| Configuration code                                                           | Single                                                          |

|                                            |                                      |
|--------------------------------------------|--------------------------------------|
| Connection type                            | Rotolock                             |
| Cylinder                                   | 2                                    |
| Description                                | MT080-4                              |
| Diameter [mm]                              | 288 mm                               |
| Discharge connection height [mm]           | 74 mm                                |
| Discharge connection mounting torque [Nm]  | 90 N-m                               |
| Discharge connection pipe size [in]        | 3/4 in                               |
| Discharge connection rotolock size [in]    | 1 1/4 in                             |
| Discharge connection size [in]             | 1 1/4 in                             |
| Discharge connection sleeve pipe size [in] | 3/4 in                               |
| Drawing number                             | 8502012g                             |
| Economizer                                 | No                                   |
| Factory HP [bar]                           | 25 bar                               |
| Factory LP [bar]                           | 25 bar                               |
| Fitting remark                             | (shipped with rotolock version only) |
| Fitting sleeve                             | ODF                                  |
| Fitting standard                           | Rotolock                             |
| Frequency [Hz]                             | 50/60                                |
| Gauge port HP                              | None                                 |
| Gauge port LP                              | Schrader                             |
| Generation code                            | B                                    |
| Glass mounting                             | Threaded                             |
| Glass torque [Nm]                          | 50 N-m                               |
| GP LP torque [Nm]                          | 15 N-m                               |
| High side max pressure (Ps)                | 27.8 bar                             |
| High Side TS Max                           | 150 Â°C                              |
| High Side TS Min                           | -35 Â°C                              |
| High Side Volume                           | 0.6 L                                |
| High value of nominal voltage at 50Hz [V]  | 400 V                                |
| High value of nominal voltage at 60Hz [V]  | 460 V                                |
| High value of voltage range at 50Hz [V]    | 460 V                                |
| High value of voltage range at 60Hz [V]    | 506 V                                |
| IP protection class                        | IP55 (with cable gland)              |
| Low side max pressure (Ps)                 | 18.4 bar                             |
| Low Side TS Max                            | 50 Â°C                               |
| Low Side TS Min                            | -35 Â°C                              |
| Low Side Volume                            | 16.5 L                               |
| Low value of nominal voltage at 50Hz [V]   | 380 V                                |
| Low value of nominal voltage at 60Hz [V]   | 460 V                                |
| Low value of voltage range at 50Hz [V]     | 340 V                                |
| Low value of voltage range at 60Hz [V]     | 414 V                                |
| LRA                                        | 80 A                                 |
| MCC                                        | 18.5 A                               |
| Model number                               | MT80HP4AVE                           |
| Motor protection                           | Internal overload protector          |

|                                          |                                                                 |
|------------------------------------------|-----------------------------------------------------------------|
| Mounting torque [Nm]                     | 15 N-m                                                          |
| Nominal cooling capacity 60 kBTU/h       | 80.2 kBTu/h                                                     |
| Nominal cooling capacity at 50Hz         | 17.8 kW                                                         |
| Nominal cooling capacity at 60Hz         | 23.5 kW                                                         |
| Number of starts per hour [Max]          | 12                                                              |
| Oil charge [L]                           | 1.8 L                                                           |
| Oil equalization                         | 3/8" flare SAE                                                  |
| Oil equalization torque [Nm]             | 30 N-m                                                          |
| Oil reference                            | 160P                                                            |
| Packaging height [mm]                    | 455 mm                                                          |
| Packaging length [mm]                    | 395 mm                                                          |
| Packaging weight [Kg]                    | 44 kg                                                           |
| Packaging width [mm]                     | 365 mm                                                          |
| Packing format                           | Single pack                                                     |
| Packing quantity                         | 1                                                               |
| Phase                                    | 3                                                               |
| Power connections                        | Spade                                                           |
| Refrigerant                              | R22                                                             |
| Refrigerant charge [kg] [Max]            | 5 kg                                                            |
| Relief valve                             | 30 bar/8 bar                                                    |
| Rotational speed at 50Hz [rpm]           | 2900 rpm                                                        |
| Rotational speed at 60Hz [rpm]           | 3500 rpm                                                        |
| Segment usage                            | Air conditioning<br>Refrigeration MT                            |
| Shipped fittings                         | Suction and discharge solder sleeves, rotolock nuts and gaskets |
| Shipped instructions                     | Installation instructions                                       |
| Shipped mounting                         | Mounting kit with grommets, bolts, nuts, sleeves and washers    |
| Shipped oil                              | Initial oil charge                                              |
| Suction connection height [mm]           | 265 mm                                                          |
| Suction connection mounting torque [Nm]  | 110 N-m                                                         |
| Suction connection pipe size [in]        | 1 1/8 in                                                        |
| Suction connection rotolock size [in]    | 1 3/4 in                                                        |
| Suction connection size [in]             | 1 3/4 in                                                        |
| Suction connection sleeve pipe size [in] | 1 1/8 in                                                        |
| Swept volume [cm3]                       | 135.78 cm3                                                      |
| Technology                               | Reciprocating                                                   |
| Test dif [bar] [Max]                     | 30 bar                                                          |
| Test HP [bar] [Max]                      | 30 bar                                                          |
| Test LP [bar] [Max]                      | 25 bar                                                          |
| Torque earth [Nm]                        | 3 N-m                                                           |
| Torque power [Nm]                        | 3 N-m                                                           |
| Total height [mm]                        | 413 mm                                                          |
| Type                                     | MT                                                              |

Type designation

Compressor

Viscosity [cP]

32 cP

Winding resistance for three-phase compressors  
with identical windings [Ohm]

1.94 Ohm



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Compresseur à piston Danfoss Maneurop MT22JC5PVE (2.0HP / 1PH) Compresseur à piston Danfoss Maneurop MT22JC4AVE (2.0HP / 3PH) Compresseur à piston Danfoss Maneurop MT28JC5PVE (2.3HP / 1PH) Compresseur à piston Danfoss Maneurop MT22JC4AVE (2.0HP / 3PH) Compresseur à piston Danfoss Maneurop MT28JC5PVE (2.3HP / 1PH) Compresseur à piston Danfoss Maneurop 3PH (2.3HP / 1PH) 2.6HP / 1PH) Compresseur à piston Danfoss Maneurop MT32JF4DVE (2.6HP / 3PH); Compresseur à piston Danfoss Maneurop MT36JG5CVE (3.0HP / 1PH) Compresseur à piston Danfoss Maneurop MT36JG4FVE (3.0HP / 3PH) Compresseur à piston Danfoss Maneurop MT40JH4EVE (3.3HP / 3PH) Danfoss Maneurop Compresseur à piston MT36JG4FVE (3.0HP / 3PH) Compresseur à piston Danfoss Maneurop MT40JH4EVE (3.3HP / 3PH) Danfoss Maneurop Compresseur à piston MT36JG4FVE (3.0HP / 3PH) Compresseur à piston Danfoss Maneurop MT40JH4EVE (3.3HP / 3PH) Compresseur à piston Danfoss Maneurop 3KFHB4 (3.6PH) 4.0HP / 3PH) Compresseur à piston Danfoss Maneurop MT56HL4BVE (4. 6HP / 3PH) Compresseur à piston Danfoss Maneurop MT64HM4DVE (5.3HP / 3PH) Compresseur à piston Danfoss Maneurop MT72HN4AVE (6.0HP / 3PH) Compresseur à piston Danfoss Maneurop MT80HP4AVE (6.6HP / 3PH) Compresseur à piston Danfoss Maneurop MT72HN4AVE (6.0HP / 3PH) Compresseur à piston Danfoss Maneurop MT80HP4AVE (6.6HP / 3PH) Compresseur à piston Danfoss Maneurop 4.0 Compresseur à piston MT144HV4AVE (12,0HP / 3PH) Compresseur à piston Danfoss Maneurop MT160HW4EVE (13.3HP / 3PH) Compresseur à piston Danfoss Maneurop MT22JC5VE (2.0HP / 1PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MT22JC4AVE

(2.0HP / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ28JE5AVE  
 (2,3 HP / 1PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ28JE4AVE  
 (2,3 HP / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ32JF5AVE  
 (2,6 CV / 1PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ32JF4BVE  
 (2.6HP / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ36JG5AVE  
 (3.0HP / 1PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ36JG4BVE  
 (3.0HP / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ40JH4AVE  
 (3,3 CV / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ50HK4CVE  
 (4,0 CV / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ56HL4BVE  
 (4,6 CV / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ64HM4CVE  
 (5,3 HP / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ72HN4AVE  
 (6,0 CV / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ80HP4AVE  
 (6,6 CV / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ100HS4VE  
 (8,3 CV / 3 PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ125HU4VE  
 (10.0HP / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop MTZ144HV4AVE  
 (12,0 HP / 3PH); [R134A, R404] Compresseur à piston Danfoss Maneurop  
 MTZ160HE4AVE (13,3 HP / 3PH); [R134A, R404] Compresseur à piston Danfoss  
 Maneurop NTZ048A4LR1A (2.0HP / 3PH); [R134A, R404, R507] Compresseur à piston  
 Danfoss Maneurop NTZ068A4LR1A (3,5 CV / 3PH); [R134A, R404, R507] Compresseur à  
 piston Danfoss Maneurop NTZ096A4LR1A (4,5 CV / 3PH); [R134A, R404, R507]  
 Compresseur à piston Danfoss Maneurop NTZ108A4LR1A (5,0 CV / 3PH); [R134A, R404,  
 R507] Compresseur à piston Danfoss Maneurop NTZ136A4LR1A (6,5 CV / 3PH); [R134A,  
 R404, R507] Compresseur à piston Danfoss Maneurop NTZ215A4LR1A (10,0 HP /  
 3PH); [R134A, R404, R507] Compresseur à piston Danfoss Maneurop NTZ271A4LR1A  
 (13.0HP / 3PH); [R134A, R404, R507] COMPRESSEUR MANEUROP 2.0HP MT22 MANEUROPE  
 2.0HP MT22 COMPRESSEUR MANEUROP COMPRESSEUR MTZ-22JE-4VE R404A MANEUROPE 2.30HP  
 MT28JE-5PVE MT28-5VI / MT28-5VM COMPRESSEUR MANEUROP 2.30HP MT28JE-5PVE MT28-5VI  
 / MT28-5VM COMPRESSEUR MANEUROPEUR 2.30H5 / R404A) COMPRESSEUR MANEUROP 2.8HP  
 MTZ32-5VM (R134a / R404A / R507) COMPRESSEUR MANEUROP MT32JF5MVE 2-3 / 4HP  
 ((R22) COMPRESSEUR MANEUROP 3.0HP MT36JG4FVE (MT36-4VI / MT36-4VM) (R22)  
 COMPRESSEUR 3.0HP COMPRESSEUR MT36 MANEUROP 3.3HP MT40JH4EVE COMPRESSEUR  
 MANEUROP 3.3HP MTZ40-JH4AVE COMPRESSEUR (R407A / C / F / R134A / R404A / R507)  
 Compresseur MANEUROP MTZ-36-JG4AVE (R407C / R134a / R404A-R407C / R134a / R404A)  
 -Compresseur JH4AVE (R134a / R404A) – Compresseur 3.3HP 3PH MANEUROP MTZ-44-  
 HJ4AVE (R134a / R404A) – 3. 5HP 3PH MANEUROP 4HP MTZ-50HK-4CVE (MTZ50-4VI /  
 MTZ50-4VM) COMPRESSEUR (R134A / R404A) MANEUROP MTZ56HL3BVE R407c, R134a, R507a,  
 R404a compresseur MANEUROP MT-64-4VM COMPRESSEUR MANEUR 64-4VM COMPRESSEUR  
 MANEUR COMPRESSEUR MT72-4VM COMPRESSEUR MANEUROP MT-80-4VM (6.5HP) Compresseur  
 MANEUROP 6.6HP MT81HP4AVE COMPRESSEUR MANEUROP MTZ80HM4DVE COMPRESSEUR MANEUROP  
 8.5HP MT100-4VM COMPRESSEUR MANEUROPE 10HP MT100-4VM (MT100HS4DVE) COMPRESSEUR  
 10HP MT100-4VM (MT100HS4DVE) COMPRESSEUR MT12M10 MANHOP 4-COMPRESSEUR 10HP R22)  
 COMPRESSEUR MANEUROP 10HP MTZ125HW4AVE (R404A / R134A / R507 / R407C)  
 COMPRESSEUR MANEUROPE 12HP MT144-4VM COMPRESSEUR MANEUROPE 13.3HP MT160-4VM  
 (MT160HW4DVE) COMPRESSEUR MANZVMER 10 COMPRESSEUR MANZVM4 (MT160HW4DVE) / 2 ‘)  
 SER. KIT POUR MT-28 MANEUROP 7703009 (1-1 / 8 ‘& 3/4’) SER.

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# Meuble, suspendu, lavabo, picture, Awled Miled chebba

Category: Pictures

written by [www.mbsm.pro](http://www.mbsm.pro) | 11 December 2021



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# Réfrigerator, Freezer, GR-B562YLC, 420L, 20 Feet, Compressor, 1/3HP, R134A, 135G , LG GR-B562YLC, Bio Shield, Vitamin Plus, Carbon deodorizer

Category: compressor, Freezer, Technologie

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BRAND TYPE Rp (000) FEATURES

ELECTROLUX ERM-1500 Rp.1588 154lt, Semi Auto Defrost, Low Voltage

LG GC-051SA 1220 46 lt Portable refrigerator

LG GN-V191RL Rp.1551 190lt, Semi Auto Defrost, vertical handle

LG GN-V191RLK Rp.- 190lt, Semi Auto Defrost, XL freezer, Door Lock

LG GN-V191SL Rp.1561 190lt, Semi Auto Defrost, horizontal handle

LG GN-V191SLT Rp.1531 190lt, Semi Auto Defrost, Direct Cooling, Magic Crisper

LG GN-V231RL Rp.1721 230lt, Semi Auto Defrost, vertical handle

LG GN-V231SL Rp.1671 230lt, Semi Auto Defrost, horizontal handle

PANASONIC NR-A172D-ST Rp.1539 155 Lt, Alowa +, Colour: Stainless

PANASONIC NR-A172M Rp.1429 155 Lt, Alowa +, Colour: Orange, Night Blue & Savanna Green

PANASONIC NR-A172S Rp.1399 155 Lt, Alowa +, Colour: Moccachino, Black coffee hairline

PANASONIC NR-A192D-ST Rp.1639 164 Lt, Alowa +, Colour: Stainless

PANASONIC NR-A192M Rp.1499 164 Lt, Alowa +, Colour: Orange, Night Blue & Savanna Green

PANASONIC NR-A192S Rp.1499 164 Lt, Alowa +, Colour: Moccachino, Black coffee hairline

SAMSUNG RA-19PTMU Rp.- 190Lt, Direct cooling, Anti Bacterial Gasket

SAMSUNG RA-19PTPG Rp.- 190Lt, Direct cooling, Anti Bacterial Gasket

SAMSUNG RA-19PTTS Rp.- 190Lt, Door Alarm: 2 min, Anti bacterial gasket

SAMSUNG RA-21PTTS Rp.- 210Lt, Direct cooling, Anti Bacterial Gasket

SANYO SR-D167SB Rp.1290 Semi Auto Defrost, Direct Cooling System

SANYO SR-D182SB Rp.1430 160 lt, Semi auto defrost, 505x510x1160, colour: batik red

SANYO SR-D187SB Rp.1339 Semi Auto Defrost, Direct Cooling System

SANYO SR-D188SB Rp.1490 160 lt, Semi auto defrost, 505x510x1160

SANYO SR-D216SB Rp.1490 Semi auto defrost, 505 x 510 x 1310

SANYO SR-D50 Rp.- 50 lt, 22w, Super silent compressor

SANYO SR-D75 Rp.- 75 lt, 24w, Super silent compressor

SHARP SJ-S170T-RD Rp.1627 SAMURAI series, 160 lt, Anti Bacteria, Semi Auto Defrost

SHARP SJ-S190T-RD Rp.1697 SAMURAI series, 170 lt, Anti Bacteria, Semi Auto Defrost

SHARP SJ-S200T-RD Rp.1747 SAMURAI series, 170 lt, Anti Bacteria, Semi Auto Defrost

SHARP SJ-D17T-SL Rp.1919 Knight series, 150 Lt, Semi Auto Defrost  
 SHARP SJ-17MKII Rp.1437 170lt, Low voltage, Gripless Handle  
 SHARP SJ-19MKII Rp.1527 170lt, Low voltage, Gripless Handle  
 SHARP SJ-22SE Rp.- 180lt, Extra Big Freezer, Semi Auto Defrost  
 SHARP SJ-G191T Rp.1627 170 Lt, Lemon Series Refrigerator, Low voltage  
 SHARP SJ-G200T Rp.- Lemon Series Refrigerator, Honeycomb Deodorizer  
 SHARP SJ-G220T Rp.- Lemon Series Refrigerator, Low voltage  
 SHARP SJ-K170T Rp.- Lemon Series Refrigerator, Anti Bacteria, Key  
 SHARP SJ-K190T Rp.- Lemon Series Refrigerator, Anti Bacteria, Key  
 SHARP SJ-K230T Rp.- Lemon Series Refrigerator, Anti Bacteria, Key  
 TOSHIBA GR-N9P Rp.1282 70 lt, Portable, Ultra Direct Cooling, Glacio XD7  
 TOSHIBA GR-N155BC Rp.1281 120 lt, 22 w, Glacio XD7  
 TOSHIBA GR-N175BC Rp.1422 150 lt, 25 w, Glacio XD7  
 TOSHIBA GR-N178JZ-T Rp.1422 Glacio Jazz series, Silver ion anti bacteria,  
 Colour:  
 Titanium  
 TOSHIBA GR-N178JZ-W Rp.1422 Glacio Jazz series, Silver ion anti bacteria,  
 Colour:  
 White  
 TOSHIBA GR-N185BCH Rp.1422 160 lt, 27 w, Glacio XD7  
 TOSHIBA GR-N188JZ-T Rp.1521 Glacio Jazz series, Silver ion anti bacteria,  
 Colour:  
 Titanium  
 TOSHIBA GR-N188JZ-W Rp.1521 Glacio Jazz series, Silver ion anti bacteria,  
 Colour:  
 White  
 TOSHIBA GR-N195C Rp.1477 165 lt, 27 w, Glacio XD7  
 TOSHIBA GR-N198 Rp.- 165 Lt, Glacio XD7, Silver Ion Anti Bacteria, 27W  
 TOSHIBA GR-N228 Rp.- 180 Lt, Glacio XD7, Silver Ion Anti Bacteria, 30W  
 TOSHIBA GR-N198W Rp.- 165 Lt, Dispenser, Glacio XD7, Silver Ion Anti Bacteria,  
 27W  
 TOSHIBA GR-N228W Rp.- 180 Lt, Dispenser, Glacio XD7, Silver Ion Anti Bacteria,  
 30W  
 = FREEZER =  
 BRAND TYPE Rp (000) FEATURES  
 SANYO HF-S4LL Rp.1929 120 lt, 4 rak  
 SANYO HF-S6L Rp.2229 180 lt, 6 rak  
 TOSHIBA GF-K149 Rp.1881 4 rak, kunci  
 TOSHIBA GF-K169 Rp.2021 5 rak, kunci  
 TOSHIBA GF-K189 Rp.2181 6 rak, kunci  
 = KULKAS 2 PINTU / 2 DOORS REFRIGERATOR =  
 BRAND TYPE Rp (000) FEATURES  
 ELECTROLUX ETB-1800PC Rp.2848 180 Lt, Jet Air Cooling System, Deodorizer, Door  
 alarm  
 ELECTROLUX ETB-2300PC Rp.3488 230 Lt, Multi Airflow System, Deo Fresh Active,  
 Door  
 alarm  
 ELECTROLUX ETB-2600PC Rp.4388 260 Lt, Multi Airflow System, Deo Fresh Active,  
 Door  
 alarm

ELECTROLUX ETB-3200PC Rp.4888 320 Lt, Multi Airflow System, Deo Fresh Active, Door alarm

ELECTROLUX ETE-4407SD Rp.8088 440 Lt, Jet Air Curtain System, UV Platinum deodorizer

ELECTROLUX ETM-4407PD Rp.7289 440 Lt, Jet Air Curtain System, Active Deo, Colour: Silver

ELECTROLUX ETM-4407SD Rp.7729 440 Lt, Jet Air Curtain System, Active Deo, Colour: Stainless

ELECTROLUX ETM-5107SD Rp.8689 520 Lt, Active Hybrid Deodorizer, Colour: Stainless

ELECTROLUX ETE-5107SD Rp.8999 522 Lt, UV Platinum Deo, LED display, Colour: Stainless

LG GN-V212RL Rp.2283 210 lt, Vit + Ion, Multi Airflow Cooling System

LG GN-V212RP Rp.2589 210 Lt, Health+ system, Vitamin+

LG GN-V212SL Rp.2179 210 lt, Multi Airflow Cooling System

LG GN-V212SLT Rp.2179 210 lt, Multi Airflow Cooling System

LG GN-V222RLT Rp.2489 220 lt, Vit + Ion, Multi Airflow Cooling System

LG GN-V222RP Rp.2839 220 Lt, Health+ system, Vitamin+

LG GN-V222SLT Rp.2289 220 lt, Vit + Ion, Multi Airflow Cooling System

LG GN-V262RLC Rp.2849 234 lt, Multi Airflow, Moist Balance Crisper

LG GN-V262RLCT Rp.2849 234 lt, Vitamin Plus, Moist Balance Crisper

LG GN-V282RLC Rp.2979 253 lt, , Multi Airflow, Moist Balance Crisper

LG GN-V282RLCT Rp.2989 253 lt, Vitamin Plus, Moist Balance Crisper

LG GN-B352CLC Rp.3849 291lt Nett capacity, Vitamin Plus, Ion Carbon Deodorizer

LG GN-M352CLN Rp.4349 288 lt Nett capacity, Bio Shield, Vitamin Plus, LED display

LG GN-B392CLC Rp.4139 321lt Nett capacity, Vitamin Plus, Ion Carbon Deodorizer

LG GN-M352CPC Rp.4241 288 lt Nett capacity, Door Cooling, Vit Plus, Green Ion Deo, Flora finishing

LG GN-M352CPC-APG Rp.4229 288 lt Nett capacity, Door Cooling, Vit Plus, Green Ion Deo, Flora finishing

LG GN-M392CPC Rp.4459 318 lt Nett capacity, Door Cooling, Vit Plus, Green Ion Deo, Flora finishing

LG GN-M392CPC-APG Rp.4459 288 lt Nett capacity, Door Cooling, Vit Plus, Green Ion Deo, Flora finishing

LG GN-B492CLC Rp.- 393 lt Nett capacity, Vitamin Plus, Ion Carbon Deodorizer

LG GN-B492GLC Rp.4689 490Lt, Fresh OZone, Bigger Fruits & Veggie Box

LG GN-M492CLN Rp.5369 388 lt Nett capacity, Bio Shield, Vitamin Plus, LED display

LG GN-M492CPC Rp.- 388 lt Nett capacity, Door Cooling, Vit Plus, Green Ion Deo, Flora finishing

LG GN-M492CPC-APG Rp.5239 388 lt Nett capacity, Door Cooling, Vit Plus, Green Ion Deo,

## Flora finishing

LG GN-M492GLH Rp.5551 490Lt, Anti-Bacterial Health Guard, Ext Temperature Control

LG GN-M492GPC Rp.5459 490Lt, Green Ion Door Cooling, External Temperature Control

LG GN-B562GLC Rp.5159 560Lt, Fresh OZone, Bigger Fruits & Veggie Box

LG GN-M562GLH Rp.6081 560Lt, Anti-Bacterial Health Guard, Ext Temperature Control

LG GN-M562GPC Rp.5682 560Lt, Green Ion Door Cooling, External Temperature Control

LG GN-B602GLC Rp.5749 600Lt, Fresh OZone, Bigger Fruits & Veggie Box

LG GN-M602GPC Rp.6172 600Lt, Green Ion Door Cooling, External Temperature Control

LG GN-M602GLH Rp.6581 600Lt, Anti-Bacterial Health Guard, Ext Temperature Control

LG GN-B702GPC Rp.7229 700Lt, Green Ion Door Cooling, External Temperature Control

LG GN-M702GLH Rp.7881 700Lt, Anti-Bacterial Health Guard, Ext Temperature Control

LG GN-M702GPH Rp.8121 700Lt, Anti-Bacterial Health Guard, Ext Temperature Control

PANASONIC NR-B222M Rp.2399 210 Lt, Eco compressor (Energy saving up to 30%), Colour: Coral Blue, Savanna Green, Sapphire Violet

PANASONIC NR-B222R Rp.2399 210 Lt, Eco compressor (Energy saving up to 30%), Colour: Lily Starlight Silver, Lily Praline Brown

PANASONIC NR-B222S-H Rp.2399 210 Lt, Eco compressor (Energy saving up to 30%), Colour: Iris Black Hairline

PANASONIC NR-B262M Rp.2582 223 Lt, Eco compressor (Energy saving up to 30%), Colour: Coral Blue, Savanna Green, Sapphire Violet

PANASONIC NR-B262R Rp.2659 223 Lt, Eco compressor (Energy saving up to 30%), Colour: Lily Starlight Silver, Lily Praline Brown

PANASONIC NR-B262S-H Rp.2659 223 Lt, Eco compressor (Energy saving up to 30%), Colour: Iris Black Hairline

SAMSUNG RT-2A SRTS1 Rp.- 196LT, Humidity adjustable for optimal freshness and nutrients

SAMSUNG RT-2B SLTS Rp.- 280 Lt, Silver Nano deodorizer, Coolever zone

SAMSUNG RT-2B SRIS Rp.- 280 Lt, Cool Pack, Silver Plus deo, Colour: inox silver

SAMSUNG RT-41TSGL Rp.5441 336 Lt, Cool Pack, Silver Plus deo, Colour: glass door

SAMSUNG RT-45USGL Rp.5781 450 Lt, Cool Pack, Silver Plus deo, Colour: glass door

SANYO SR-D225NSB Rp.2339 Nano Ferrite Filter, Carbon deodorizer

SANYO SR-D245NSB Rp.2649 Nano Ferrite Filter, Carbon deodorizer

SHARP SJ-F201C-HD Rp.2382 2337 BATIQUE Series, 173 Lt, Automatic Defrosting

SHARP SJ-F231C-HD Rp.2633 2547 BATIQUE Series, 180 Lt, Automatic Defrosting

SHARP SJ-F201S-RD Rp.2578 2387 SAMURAI series, 170 lt, Anti bacteria

SHARP SJ-F231S-RD Rp.2615 2582 SAMURAI series, 180 lt, Anti bacteria

SHARP SJ-F201G Rp.- Fresh Lemon Series Refrigerator, Low Voltage

SHARP SJ-F231G – Fresh Lemon Series Refrigerator, Low Voltage

SHARP SJ-F232G – 180 lt, Fresh Lemon Series, Low Voltage

SHARP SJ-F233G – 180 lt, Fresh Lemon Series, Low Voltage

SHARP SJ-F232K Rp.- 180 lt, Fresh Lemon Series, Low Voltage, Door key

SHARP SJ-F240G Rp.- 221 lt, Fresh Lemon Series, Low Voltage  
SHARP SJ-D22LV-SL Rp.- 195 lt, Lemon Series Refrigerator, Low Voltage  
SHARP SJ-D27LV-SL Rp.- 210 lt, Lemon Series Refrigerator, Low Voltage  
SHARP SJ-D30LV-SL Rp.- 235 lt, Lemon Series Refrigerator, Low Voltage  
SHARP SJ-291NLV-SL Rp.- 260 lt, Lemon Series Refrigerator, Low Voltage  
SHARP SJ-351NLV-SL Rp.- 300 lt, Lemon Series Refrigerator, Low Voltage  
SHARP SJ-F420G-SS Rp.3727 310 lt, King Samurai Series, No Frost, Deodorizer  
SHARP SJ-F420G-PS Rp.3927 310 lt, King Samurai Series, No Frost, Deodorizer  
SHARP SJ-431NLV-SL Rp.- 320 lt, Lemon Series Refrigerator, Low Voltage  
SHARP SJ-P470NLV-SL Rp.5757 367 lt, Vetro Series, Plasmacluster Ion, Colour: Silver  
SHARP SJ-P470NLV-B Rp.5887 367 lt, Vetro Series, Plasmacluster Ion, Colour: Black  
SHARP SJ-P471NLV-GS Rp.6482 367 lt, Vetro Series, Plasmacluster Ion, Colour: Glass Silver  
SHARP SJ-P471NLV-GB Rp.6682 367 lt, Vetro Series, Plasmacluster Ion, Colour: Glass Black  
SHARP SJ-P570NLV-SL Rp.- 397 lt, Vetro Series, Plasmacluster Ion, Colour: Silver  
SHARP SJ-P570NLV-B Rp.- 397 lt, Vetro Series, Plasmacluster Ion, Colour: Black  
SHARP SJ-P571NLV-GS Rp.- 397 lt, Vetro Series, Plasmacluster Ion, Colour: Glass Silver  
SHARP SJ-P571NLV-GB Rp.- 397 lt, Vetro Series, Plasmacluster Ion, Colour: Glass Black  
SHARP SJ-461NLV Rp.- 367 lt, SALSA Series Refrigerator, Hybrid Cooling System  
SHARP SJ-P461NLV Rp.- 443 lt, SALSA Series Refrigerator, Plasmacluster Ion System  
SHARP SJ-561NLV Rp.- 397 lt, SALSA Series Refrigerator, Hybrid Cooling System  
SHARP SJ-P561NLV Rp.- 478 lt, SALSA Series Refrigerator, Plasmacluster Ion System  
SHARP SJ-P581NLV Rp.- 437 lt, SALSA Series Refrigerator, Hybrid Cooling System, Plasmacluster, Advance LEC Control, Nano Deodorizer  
SHARP SJ-P651NLV Rp.- 473 lt, SALSA Series Refrigerator, Hybrid Cooling System, Plasmacluster, Advance LEC Control, Nano Deodorizer  
SHARP SJ-P751NLV Rp.- 514 lt, SALSA Series Refrigerator, Hybrid Cooling System, Plasmacluster, Advance LEC Control, Nano Deodorizer  
SHARP SJ-P851NLV Rp.- 555 lt, SALSA Series Refrigerator, Hybrid Cooling System, Plasmacluster, Advance LEC Control, Nano Deodorizer  
SHARP SJ-WS400T Rp.9347 326 Lt, Dual Swing Door, Energy Saving with Inverter  
TOSHIBA GR-M245E Rp.2141 180 lt, No Frost, Glacio XD7  
TOSHIBA GR-M245D Rp.2391 180 lt, No Frost, Deodorizer, Glacio XD7  
TOSHIBA GR-M265D Rp.2731 216 lt, No Frost, Deodorizer, Glacio XD7  
TOSHIBA GR-M258 Rp.2291 216 lt Glacio Jazz, No Frost, Low Voltage  
TOSHIBA GR-R21ET Rp.- Import, 180 lt, Health series, Platinum Deodorizer  
TOSHIBA GR-R25ET Rp.3491 Import, 228 lt, Health series, Platinum Deodorizer  
TOSHIBA GR-R35ED Rp.4551 Import, 280 lt, Hybrid Plasma Deo, AG+ Crisper  
TOSHIBA GR-R42ED Rp.4921 Import, 320 lt, Hybrid Plasma Deo, AG+ Crisper  
TOSHIBA GR-R48ED Rp.- Import, 401 lt, Hybrid Plasma Deo  
TOSHIBA GR-R51ED Rp.5621 Import, 401 lt, Hybrid Plasma Deo, AG+ Crisper  
TOSHIBA GR-R58ED Rp.7381 6661 Import/Complete Built-up, 500 lt, Hybrid Plasma Deo

TOSHIBA GR-R66ED Rp.8725 8261 Import/Complete Built-up, 590 lt, Hybrid Plasma Deo  
 TOSHIBA GR-RG43ED Rp.- Import, 355 lt, Hybrid Plasma Deo, Glass door  
 TOSHIBA GR-RG46ED Rp.5621 Import, 410 lt, Hybrid Plasma Deo, AG+ Crisper, Glass door  
 TOSHIBA GR-RG48ED Rp.- Import, 410 lt, Hybrid Plasma Deo, Glass door  
 TOSHIBA GR-RG51ED Rp.- Import, 500 lt, Hybrid Plasma Deo, AG+ Crisper, Glass door  
 TOSHIBA GR-RG58ED Rp.7851 Import, 500 lt, Hybrid Plasma Deo, Glass door  
 TOSHIBA GR-RG66ED Rp.8961 Import, 590 lt, Hybrid Plasma Deo, Glass door  
 = KULKAS 3 PINTU / 3 DOORS REFRIGERATOR =  
 BRAND TYPE Rp (000) FEATURES  
 ELECTROLUX ETB-2603PC Rp.4889 Deo Fresh Active, Multi Airflow System  
 TOSHIBA GR-R50EDV Rp.6129 Import/Complete Built-up, 3 doors  
 SIDE-BY-SIDE REFRIGERATOR  
 ELECTROLUX ESE-5608TA Rp.13828 555 lt, Crisper with Adjustable Humidity Control  
 LG GC-B207BLQ Rp.9222 581 lt, Icebeam Door Cooling System, LED Display  
 LG GC-B207CLC Rp.8151 581 lt, Bio Shield, Moist Balance™ Crisper, Digital Sensor  
 LG GC-B207CPC Rp.8289 8222 581 lt, Green Health Plus, Moist Balance™ Crisper  
 LG GC-L207BLK Rp.12889 LED Lighting, Tall ice & water dispenser  
 LG GR-B207BLQ Rp.8879 581 lt, LED Temperature Control, Bio Shield, Super Cool  
 LG GR-B217LGJ Rp.15382 581 lt, LED Temperature Control, Bio Shield Flower Pattern  
 LG GR-L207BLK Rp.- 567 lt, Icebeam Door Cooling System, Water & Ice Dispenser  
 MODENA RF-2561 Rp.8333 618Lt, Humidity controller crisper, Multi air flow  
 MODENA RF-2565 Rp.14343 608Lt, LED Temperature control, Ice & water dispenser  
 MODENA RF-4862 Rp.16663 610Lt, 4 Doors, Fast Freeze, Active Vita Crisper  
 = SHOWCASE COOLER =  
 BRAND TYPE Rp (000) FEATURES  
 DOMO DS 1200 Rp.2453 200 Lt showcase display cooler, 0 °C-10 °C  
 DOMO DS 1250 Rp.2757 2543 250 Lt showcase display cooler, 0 °C-10 °C  
 DOMO DS 1300 Rp.2853 300 Lt showcase display cooler, 0 °C-10 °C  
 DOMO DS 1400 Rp.3354 400 Lt showcase display cooler, 0 °C-10 °C  
 GEA EXPO 50 Rp.1491 50 Lt, 2°C – 8°C, fan cooling system, 1shelf  
 GEA EXPO 90 Rp.1991 90 Lt, 2°C – 8°C, fan cooling system, 4 shelves  
 GEA EXPO 136 Rp.2221 136 Lt, 2°C – 8°C, fan cooling system, 3 shelves  
 GEA EXPO 218HS Rp.2951 210 Lt, 2°C – 8°C, fan cooling system, 4 shelves  
 GEA EXPO 268HS Rp.3076 260 Lt, 2°C – 8°C, fan cooling system, 5 shelves  
 GEA EXPO 280P Rp.3471 280 Lt, 2°C – 8°C, No Frost Premium series, 4 shelves  
 GEA EXPO 368HS Rp.3481 360 Lt, 2°C – 8°C, fan cooling system, 5 shelves  
 GEA EXPO 450P Rp.5476 400 Lt, 2°C – 8°C, No Frost Premium series, 5 shelves  
 GEA EXPO 480 Rp.6332 6221 480 Lt, 2°C – 8°C, No Frost Premium, 6 shelves  
 GEA EXPO 200 Rp.- 200 Lt, 2°C – 8°C, fan cooling system, 3 shelves  
 GEA EXPO 250 Rp.- 250 Lt, 2°C – 8°C, fan cooling system, 5 shelves  
 GEA EXPO 350 Rp.- 350 Lt, 2°C – 8°C, fan cooling system, 5 shelves  
 GEA EXPO 420DD Rp.- 420 Lt, 2°C – 8°C, fan cooling system, 5 shelves  
 MODENA SC-1130 Rp.2048 130 Lt showcase display cooler, 0 °C-10 °C  
 MODENA SC-1150 Rp.2281 150 Lt showcase display cooler, 0 °C-10 °C  
 MODENA SC-1180 Rp.2423 180 Lt showcase display cooler, 0 °C-10 °C  
 MODENA SC-1200 Rp.- 200 Lt showcase display cooler, 0 °C-10 °C

MODENA SC-1260 Rp.3740- 2953 260 Lt showcase display cooler, 0 °C-10 °C  
 MODENA VM-1320 Rp.- 320 Lt showcase display cooler, 0 °C-10 °C  
 MODENA VM-1350 Rp.3583 350 Lt showcase display cooler, 0 °C-10 °C  
 MODENA VM-1380 Rp.- 380 Lt showcase display cooler, 0 °C-10 °C  
 MODENA VM-1410 4982 4084 410 Lt showcase display cooler, 0 °C-10 °C  
 POLYTRON SCP-122LE Rp.2328 Big capacity, Non CFC, Low energy consumption  
 POLYTRON SCP-123 Rp.2448 Big capacity, Non CFC, Low energy consumption, Bottle opener  
 POLYTRON SCP-150 Rp.2528 180 Lt, Non CFC, Low energy consumption, 540x660x1525mm  
 POLYTRON SCP-151 Rp.2559 Big capacity, Non CFC, Low energy consumption, Bottle opener  
 POLYTRON SCP-156T Rp.2480 170Lt, IPM LED Timer, 3 Shelves  
 POLYTRON SCP-157T Rp.2580 170Lt, IPM LED Timer, 3 Shelves, Bottle opener, Door handle  
 POLYTRON SCP-161 Rp.2728 180 Lt, 3 Shelves, Bottle opener, No Frost  
 POLYTRON SCP-1170 Rp.2687 230 Lt, Non CFC, Low energy consumption, 540x660x1785mm  
 POLYTRON SCP-1171 Rp.2788 Big capacity, Non CFC, Low energy consumption, Bottle opener  
 POLYTRON SCP-1181 Rp.2968 230 Lt, 4 Shelves, Bottle opener, No Frost  
 SANSIO SAN-238SC Rp.3543 4 Shelves, 55 x 54 x 177 cm  
 SANSIO SAN-288SC Rp.3853 4 Shelves, 58 x 61 x 182 cm  
 SANSIO SAN-368SC Rp.4283 4 Shelves, 58 x 61 x 198 cm  
 SANSIO SAN-278SC Rp.4543 4 Shelves Premium series display showcase cooler  
 SANSIO SAN-378SC Rp.4993 5 Shelves Premium series display showcase cooler  
 SANSIO SAN-248 Rp.- 248 Lt, 4 Shelves, Premium series display showcase cooler  
 SANSIO SAN-338 Rp.- 338 Lt, 5 Shelves, Premium series display showcase cooler  
 SANSIO SAN-428SC Rp.5733 408 Lt, 5 Shelves, Premium series display showcase cooler  
 SANSIO SAN-888 Rp.8943 888 Lt, 2 Doors, 10 Shelves, 0° to +10°C  
 SANSIO SAN-1188 Rp.9953 1188 Lt, 2 Doors, 10 Shelves, 0° to +10°C  
 SANSIO SAN-1488 Rp.1488 Lt, 2 Doors, 10 Shelves, 0° to +10°C  
 Back to top  
 = CHEST FREEZER =  
 BRAND TYPE Rp (000) FEATURES  
 DOMO DF 1100 Rp.1644 100 Lt chest freezer, - 18°C  
 DOMO DF 1155 Rp.1829 155 Lt chest freezer, - 18°C  
 DOMO DF 1205 Rp.2044 205 Lt chest freezer, - 25°C  
 DOMO DF 1300 Rp.2734 300 Lt chest freezer, - 25°C  
 GEA AB-108 Rp.1972 105 Lt, - 28°C, Lock  
 GEA AB-201TX Rp.2629 194 Lt, - 28°C, Lock  
 GEA AB-201TC Rp.3081 194 Lt, - 28°C, Lock, suhu bisa dirubah ke chiller +2° s/d +8°C  
 GEA AB-271 Rp.3151 295 Lt, - 28°C, Lock  
 GEA AB-396T Rp.4121 386 Lt, - 28°C, Lock  
 GEA AB-506T Rp.4831 492 Lt, - 28°C, Lock  
 GEA AB-600T Rp.5341 607 Lt, - 28°C, Lock  
 GEA AB-600TC Rp.6521 607 Lt, - 28°C, Lock  
 GEA AB-750T Rp.5961 750 Lt, - 28°C, Lock  
 MODENA MD-10 Rp.2188 100 Lt chest freezer, - 25°C

MODENA MD-15 Rp.2383 155 Lt chest freezer, – 25°C  
 MODENA MD-20A Rp.2695 205 Lt chest freezer, – 25°C  
 MODENA MD-30 Rp.3883 300 Lt chest freezer, – 25°C  
 MODENA MD-45 Rp.5033 450 Lt chest freezer, – 25°C  
 MODENA MD-60 Rp.5433 600 Lt chest freezer, – 25°C  
 MODENA MD-75 Rp.6783 750 Lt chest freezer, – 25°C  
 MODENA MD-95 Rp.8983 950 Lt chest freezer, – 25°C  
 SANSIO SAN-148F Rp.2033 142 Lt, Temperatur range: -25° to -32°C  
 SANSIO SAN-218F Rp.2543 215 Lt, Temperatur range: -25° to -32°C  
 SANSIO SAN-318F Rp.3343 318 Lt, Temperatur range: -25° to -32°C  
 SANSIO SAN-418F Rp.4543 418 Lt, Temperatur range: -25° to -32°C  
 SANSIO SAN-518F Rp.5653 518 Lt, Temperatur range: -25° to -32°C  
 SANSIO SAN-618F Rp.5399 618 Lt, Temperatur range: -25° to -32°C  
 SANSIO SAN-818F Rp.7273 818 Lt, Temperatur range: -25° to -32°C  
 SANSIO SAN-1288F Rp.- 1188 Lt, Temperatur range: -25° to -32°C  
 SANYO SF-C11KW Rp.1939 108 Lt, Key lock, Non CFC  
 SANYO SF-C15KW Rp.2039 150 Lt, Key lock, Non CFC  
 SANYO SF-C18KW Rp.2139 178 Lt, Key lock, Non CFC  
 SANYO SF-C21KW Rp.2439 208 Lt, Key lock, Non CFC  
 SANYO SF-C24KW Rp.2669 245 Lt, Key lock, Non CFC  
 SANYO SF-C30KW Rp.3249 298 Lt, Key lock, Non CFC  
 Back to top  
 = SLIDING GLASS FREEZER =  
 BRAND TYPE Rp (000) FEATURES  
 GEA SD-100 Rp.1871 Sliding flat glass,100 Lt, -18 to – 25°C  
 GEA SD-132P Rp.2191 Sliding flat glass,132 Lt, -18 to – 25°C  
 GEA SD-186 Rp.2371 Sliding flat glass,186 Lt, -18 to – 25°C  
 GEA SD-260BY Rp.3891 Sliding curve glass, 260 Lt, -15 to – 20°C  
 GEA SLD-200 Rp.3172 Sliding curve glass, 200 Lt, -18 to – 25°C  
 GEA SLD-258 Rp.- Sliding curve glass, 258 Lt, -18 to – 25°C  
 GEA SLD-308 Rp.4122 Sliding curve glass, 308 Lt, -18 to – 25°C  
 GEA SLD-388 Rp.4922 Sliding curve glass, 388 Lt, -18 to – 25°C  
 MODENA MC-23 Rp.4012 Sliding curve glass, 230 Lt freezer, – 25°C  
 MODENA MC-30 Rp.4627 Sliding curve glass, 300 Lt freezer, – 25°C  
 SANSIO SAN-268SF Rp.3683 Sliding curve glass, 268 Lt, -18° to -25°C  
 SANSIO SAN-308SF Rp.4383 Sliding curve glass, 308 Lt, -18° to -25°C  
 LG GN-V262RVC 260 lt, Vit + Ion, Multi Airflow Cooling System  
 LG GN-V282RLC 290 lt, , Multi Airflow, Moist Balance Crisper –  
 LG GN-V282RLCT 253 lt, Vitamin Plus, Moist Balance Crisper  
 LG GN-V282RVC 290 lt, Vit + Ion, Multi Airflow Cooling System –  
 LG GN-V282RNB 290 lt, Vit + Ion, Multi Airflow Cooling System –  
 LG GN-B352CLC 291lt Nett capacity, Vitamin Plus, Ion Carbon Deodoriser  
 LG GN-B352YVC 350 lt, Bio Shield, Green Ion Door Cooling, Vitamin Plus  
 LG GN-B392CLC 321lt Nett capacity, Vitamin Plus, Ion Carbon Deodoriser  
 LG GN-B392YLC 380 lt, Bio Shield, Vitamin Plus, Green Ion deodorizer  
 LG GN-B492CLC 393 lt Nett capacity, Vitamin Plus, Ion Carbon Deodoriser  
 LG GN-M352CLN 288 lt Nett capacity, Bio Shield, Vitamin Plus, LED display  
 LG GN-M352CPC 288 lt Nett capacity, Door Cooling, Vit Plus, Green Ion Deo, Flora finishing  
 LG GN-M352YPC 315 lt, Bio Shield, Vitamin Plus, Green Ion deodorizer –

LG GN-M392CPC 318 lt Nett capacity, Door Cooling, Vit Plus, Green Ion Deo, Flora finishing  
 LG GN-M392YLQ 346 lt, Bio Shield, Vitamin Plus, Green Ion door cooling –  
 LG GN-M392YPC 346 lt, Bio Shield, Vitamin Plus, Green Ion deodorizer –  
 LG GN-M492CLN 388 lt Nett capacity, Bio Shield, Vitamin Plus, LED display  
 LG GN-M492CPC 388 lt Nett capacity, Door Cooling, Vit Plus, Green Ion Deo, Flora finishing  
 LG GN-M492YPC 422 lt, Bio Shield, Vitamin Plus, Green Ion deodorizer –  
 LG GR-B352CLC 350 lt, Bio Shield, Vitamin Plus, Z-Deodoriser  
 LG GR-B392YLC 339 lt, Green Ion Door Cooling, Vitamin Plus, Deo –  
 LG GR-B492CLC 470 lt, Bio Shield, Vitamin Plus, Z-Deodoriser  
 LG GR-B492YLC 393 lt, Bio Shield, Vitamin Plus, Z-Deodorizer –  
 LG GR-B562YLC 428 lt, Bio Shield, Vitamin Plus, Carbon deodorizer  
 LG GR-B602YLC 660 lt, Bio Shield, Vitamin Plus, Carbon deodorizer  
 LG GR-M562YSQ 423 Lt netto, Wide LED Temperature Control, Vitamin Plus, Green ion Deodorizer  
 LG GR-M602YSQ 463 Lt netto, Wide LED Temperature Control, Vitamin Plus, Green ion Deodorizer  
 LG GR-M652YSQ 566 Lt, Wide LED Temperature Control, Vitamin Plus, Green ion Deodorizer  
 LG GR-M712YLA 710 Lt, Wide LED Temperature Control, Vitamin Plus, Green ion Deodorizer, Door Alarm –  
 LG GR-M712YSQ 640 Lt, Wide LED Temperature Control, Vitamin Plus, Green ion Deodorizer  
 PANASONIC NR-B21KX 200 lt, 99w, Organix Antibacteria Cassette,  
 PANASONIC NR-B23CF-S 195 lt, 99w, DEON (Honey Comb Deodorizer & Ion)  
 PANASONIC NR-B25BF-S 229 lt, 110w, DEON (Honey Comb Deodorizer & Ion)  
 PANASONIC NR-B25GF-S 229 lt, 110w, DEON (Honey Comb Deodorizer & Ion)  
 PANASONIC NR-B203G 204 lt, MagicTop, N- Bio Deodorizer  
 PANASONIC NR-B243G 234 lt, MagicTop, N-Bio Deodorizer  
 PANASONIC NR-B283G 279 lt, MagicTop, N-Bio Deodorizer  
 PANASONIC NR-B363M 355 lt, Multi Hygienic System , MagicTop  
 PANASONIC NR-B403V Import/Complete Built-up, 395lt, MagicTop, Inverter  
 PANASONIC NR-B591 Import/Complete Built-up, 506 lt, MagicTop –  
 PANASONIC NR-BW414VSWA 418 lt, Inverter – saving 40% energy, MagicTop  
 PANASONIC NR-BW464VSWA 463 lt, Inverter – saving 40% energy, MagicTop  
 PANASONIC NR-BY551XSWA 495 lt, Inverter – saving 40% energy, MagicTop  
 PANASONIC NR-BW601XSWA 546 lt, Inverter – saving 40% energy, MagicTop  
 SAMSUNG RT-2A SDIS 230 Lt, Cool Pack, Silver Nano deodorizer  
 SAMSUNG RT-2A SATS 230 Lt, Cool Pack, Silver plus deodorizer  
 SAMSUNG RT-2A SDSS 230 Lt, Cool Pack, Silver Nano deodorizer  
 SAMSUNG RT-2A SDTS 230 Lt, Cool Pack, Silver plus deodorizer  
 SAMSUNG RT-2B SATS 280 Lt, Cool Pack, Silver Plus deodorizer, Coolever zone  
 SAMSUNG RT-2B SDTS 280 Lt, Cool Pack, Silver Nano deodorizer, Coolever zone  
 SAMSUNG RT-30SCTS 300 Lt, Big Plus, Cool Pack, Silver Plus deodorizer  
 SAMSUNG RT-30SSIS 300 Lt, Evergreen Zone, Cool Pack, Silver Plus deodorizer  
 SAMSUNG RT-30SSPN 300 Lt, Evergreen Zone, UV Chilled Room, Silver Plus deo  
 SAMSUNG RT-37SCTS 370 Lt, Big Plus, Cool Pack, Silver Plus deodorizer  
 SAMSUNG RT-37SSPN 370 Lt, Evergreen Zone, UV Chilled Room, Silver Plus deo  
 SAMSUNG RT-41MAIS 410 Lt, i-Cool, Coolever Zone, Silver Nano deodorizer

SAMSUNG RT-45MAIS 450 Lt, i-Cool, Coolever Zone, Silver Nano deodorizer  
SANYO SR-D225N 179 lt, Nano Ferrite Filter, Carbon deodorizer  
SANYO SR-D245N 216 lt, Nano Ferrite Filter, Carbon deodorizer  
SHARP SJ-F201S-RD SAMURAI series, 170 lt, Anti bacteria  
SHARP SJ-F231S-RD SAMURAI series, 180 lt, Anti bacteria  
SHARP SJ-F200G Fresh Lemon Series Refrigerator, Low Voltage –  
SHARP SJ-F200M Fresh Lemon Series Refrigerator, Low Voltage –  
SHARP SJ-F201G Fresh Lemon Series Refrigerator, Low Voltage –  
SHARP SJ-F201M Fresh Lemon Series Refrigerator, Low Voltage –  
SHARP SJ-F231G Fresh Lemon Series Refrigerator, Low Voltage –  
SHARP SJ-F231M Fresh Lemon Series Refrigerator, Low Voltage –  
SHARP SJ-D22LV-SL 195 lt, Lemon Series Refrigerator, Low Voltage  
SHARP SJ-D27LV-SL 210 lt, Lemon Series Refrigerator, Low Voltage  
SHARP SJ-D30LV-SL 235 lt, Lemon Series Refrigerator, Low Voltage  
SHARP SJ-291NLV-SL 260 lt, Lemon Series Refrigerator, Low Voltage –  
SHARP SJ-351NLV-SL 300 lt, Lemon Series Refrigerator, Low Voltage  
SHARP SJ-431NLV-SL 320 lt, Lemon Series Refrigerator, Low Voltage  
SHARP SJ-460NLV 367 lt, SALSA Series Refrigerator, Nano Deodorizer –  
SHARP SJ-461NLV 367 lt, SALSA Series Refrigerator, Hybrid Cooling System  
SHARP SJ-P450NLV 370 lt, Plasmacluster Ion System  
SHARP SJ-P461NLV 443 lt, SALSA Series Refrigerator, Plasmacluster Ion System  
SHARP SJ-560NLV 367 lt, SALSA Series Refrigerator, Nano Deodorizer –  
SHARP SJ-561NLV 397 lt, SALSA Series Refrigerator, Hybrid Cooling System  
SHARP SJ-P510NLV 409 lt, Plasmacluster Ion System  
SHARP SJ-P561NLV 478 lt, SALSA Series Refrigerator, Plasmacluster Ion System  
SHARP SJ-580NLV 437 lt, SALSA Series Refrigerator, Hybrid Cooling System –  
SHARP SJ-P580NLV 375 lt, Lemon Series no frost with plasma cluster  
SHARP SJ-P581NLV 437 lt, SALSA Series Refrigerator, Hybrid Cooling System, Plasmacluster, Advance LEC Control, Nano Deodorizer  
SHARP SJ-650NLV 473 lt, SALSA Series Refrigerator, Hybrid Cooling System –  
SHARP SJ-P651NLV 473 lt, SALSA Series Refrigerator, Hybrid Cooling System, Plasmacluster, Advance LEC Control, Nano Deodorizer  
SHARP SJ-750NLV 514 lt, SALSA Series Refrigerator, Hybrid Cooling System –  
SHARP SJ-P750NLV 514 lt, SALSA Series Plasmacluster Refrigerator –  
SHARP SJ-P751NLV 514 lt, SALSA Series Refrigerator, Hybrid Cooling System, Plasmacluster, Advance LEC Control, Nano Deodorizer  
SHARP SJ-P812NLV 524 lt, Plasmacluster Ion System –  
SHARP SJ-850NLV 555 lt, SALSA Series Refrigerator, Hybrid Cooling System –  
SHARP SJ-P851NLV 555 lt, SALSA Series Refrigerator, Hybrid Cooling System, Plasmacluster, Advance LEC Control, Nano Deodorizer  
TOSHIBA GR-K242 180 lt, 75W  
TOSHIBA GR-K242PD 180 lt, 75W, Platinum Deodorizer  
TOSHIBA GR-K262 216 lt, 90W  
TOSHIBA GR-K262PD 216 lt, 90W, Platinum Deodorizer  
TOSHIBA GR-M245E 180 lt, No Frost  
TOSHIBA GR-M245D 180 lt, No Frost, Deodorizer  
TOSHIBA GR-M265D 216 lt, No Frost, Deodorizer  
TOSHIBA GR-R21ET Import, 180 lt, Health series, Platinum Deodorizer  
TOSHIBA GR-R25ET Import, 228 lt, Health series, Platinum Deodorizer  
TOSHIBA GR-R34ED Import/Complete Built-up, 280 lt, Hybrid Plasma Deo

TOSHIBA GR-R39ED Import/Complete Built-up, 320 lt, Hybrid Plasma Deo  
TOSHIBA GR-RG43ED Import, 355 lt, Hybrid Plasma Deo, Glass door  
TOSHIBA GR-R48ED Import, 401 lt, Hybrid Plasma Deo  
TOSHIBA GR-RG48ED Import, 410 lt, Hybrid Plasma Deo, Glass door  
TOSHIBA GR-R58ED Import/Complete Built-up, 500 lt, Hybrid Plasma Deo  
TOSHIBA GR-R66ED Import/Complete Built-up, 590 lt, Hybrid Plasma Deo  
TOSHIBA GR-RG58ED Import, 500 lt, Hybrid Plasma Deo, Glass door  
TOSHIBA GR-RG66ED Import, 590 lt, Hybrid Plasma Deo, Glass door  
KULKAS 3 PINTU / 3 DOORS REFRIGERATOR  
ELECTROLUX ETB-2603PC Deo Fresh Active, Multi Airflow System  
TOSHIBA GR-R47EDV Import/Complete Built-up, 3 doors, 470 lt  
SIDE-BY-SIDE REFRIGERATOR  
ELECTROLUX ERE-6100SX 580 lt, Fully Electronic Control with LCD Display, Wine rack  
LG GR-A207WPJ 581 lt, Green LED, In-Door Ice Maker  
LG GR-B207FLC 581 lt, Bio Shield, Moist Balance™ Crisper  
LG GR-B207WLQ 581 lt, LED Temperature Control, Bio Shield  
LG GR-B217LGJ 581 lt, LED Temperature Control, Bio Shield Flower Pattern  
LG GR-L207WLK 567 lt, Tall Ice & Water Dispenser  
LG GR-R207WTC 584 lt, Electric Control with 6 Sensor



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Mbsm\_dot\_pro\_private\_PDF\_lg-gr-b562ylc-owner-s-manualTélécharger



**REFRIGERATOR-FREEZER**  
**MODEL No.: GR-B562YLC**

CLIMATE CLASS

RATING

RATED CURRENT

DEFROSTING INPUT

RATED INPUT OF HEATER CORD

RATED INPUT MAXIMUM OF LAMP

FREEZER COMPARTMENT

FRESH FOOD COMPARTMENT

INSULATION BLOWING AGENT

NET WEIGHT

REFRIGERANT

DIMENSIONS

SERIAL No.: Refer to bar code label.

MADE IN INDONESIA

T

220V ~ 50/60Hz

0.6A

230W

165W

20W

30W

Cyclopentane

85kg

135g

R134a

755(W)x707(D)x1777(H)mm

MEZ40001987

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|                                     |                                          |
|-------------------------------------|------------------------------------------|
| Application Deep Freezer            | MA88LAEP                                 |
| Fridge Compressor – Capacity        | 410 – 450 liters                         |
| Displacement                        | 8.8                                      |
| Cooling Capacity                    | 235 (kcal/h), 273W, 933 (Btu/h), 0.367HP |
| Input Power                         | 227W                                     |
| COP W/W                             | 1.2                                      |
| EER Btu/Wh                          | 4.11                                     |
| Motor type                          | CSIR-Relay                               |
| Starting Device (PTC)               | QL2-5-55                                 |
| Motor Protector (OLP)               | 4TM314TFB                                |
| (Capacitor) Starting/ Surge Voltage | 50 / 275                                 |
| (OIL) Viscosity cst/ Qty(cc)        | 22/220                                   |
| Cooling type                        | FC                                       |
| Compressor Height                   | 177mm                                    |

Net Weight

9.3 kg.

# Compressor, LG, GK113P, R410A, 220-240V, 50Hz, 9600 Btu / h, capacitor 35 uF, 1Piston

Category: compressor

written by [www.mbsm.pro](http://www.mbsm.pro) | 11 December 2021

| Refrigerant | Type    | Frequency | Voltage         | Series | Model  | Cooling | Capacity | Input | EER | COP  | Test Condition |
|-------------|---------|-----------|-----------------|--------|--------|---------|----------|-------|-----|------|----------------|
| Btu/hr      | Watts   | Watts     | Btu/W.hr        | W/W    |        |         |          |       |     |      |                |
| R410A       | 1piston | 50Hz      | 1Φ,<br>220/240V | GA     | GA066P | 5,270   | 1,544    | 555   | 9.5 | 2.78 | ASHRAE         |
| GA080P      | 6,550   | 1,919     | 668             | 9.81   | 2.87   | ASHRAE  |          |       |     |      |                |
| GA086P      | 7,050   | 2,066     | 735             | 9.59   | 2.81   | ASHRAE  |          |       |     |      |                |
| GAB         | GAB040P | 3,130     | 917             | 340    | 9.2    | 2.7     | ASHRAE   |       |     |      |                |
| GAB042P     | 3,410   | 999       | 355             | 9.6    | 2.81   | ASHRAE  |          |       |     |      |                |
| GAB048P     | 3,985   | 1,168     | 403             | 9.9    | 2.9    | ASHRAE  |          |       |     |      |                |
| GAB072P     | 5,950   | 1,744     | 590             | 10.08  | 2.95   | ASHRAE  |          |       |     |      |                |
| GK          | GK086P  | 6,900     | 2,022           | 726    | 9.5    | 2.79    | ASHRAE   |       |     |      |                |
| GK094P      | 7,700   | 2,256     | 794             | 9.7    | 2.84   | ASHRAE  |          |       |     |      |                |
| GK102P      | 8,250   | 2,418     | 841             | 9.81   | 2.87   | ASHRAE  |          |       |     |      |                |
| GK113P      | 9,000   | 2,637     | 914             | 9.85   | 2.89   | ASHRAE  |          |       |     |      |                |
| GK120P      | 9,700   | 2,842     | 1,010           | 9.6    | 2.81   | ASHRAE  |          |       |     |      |                |
| GK141P      | 11,350  | 3,326     | 1,170           | 9.7    | 2.84   | ASHRAE  |          |       |     |      |                |
| GK151P      | 12,200  | 3,575     | 1,245           | 9.8    | 2.87   | ASHRAE  |          |       |     |      |                |
| GKS         | GKS094P | 7,700     | 2,256           | 755    | 10.2   | 2.99    | ASHRAE   |       |     |      |                |
| GKS108P     | 8,700   | 2,549     | 838             | 10.38  | 3.04   | ASHRAE  |          |       |     |      |                |
| GKS113P     | 8,750   | 2,564     | 920             | 9.51   | 2.79   | ASHRAE  |          |       |     |      |                |
| GKS134P     | 10,900  | 3,194     | 1,100           | 9.91   | 2.9    | ASHRAE  |          |       |     |      |                |
| GKS141P     | 11,500  | 3,370     | 1,116           | 10.3   | 3.02   | ASHRAE  |          |       |     |      |                |
| GKS151P     | 12,230  | 3,584     | 1,245           | 9.82   | 2.88   | ASHRAE  |          |       |     |      |                |
| GJ          | GJ176P  | 14,400    | 4,220           | 1,485  | 9.7    | 2.84    | ASHRAE   |       |     |      |                |
| GJ196P      | 16,500  | 4,835     | 1,705           | 9.68   | 2.84   | ASHRAE  |          |       |     |      |                |
| GJ208P      | 17,500  | 5,128     | 1,750           | 10     | 2.93   | ASHRAE  |          |       |     |      |                |
| GJ222P      | 18,500  | 5,421     | 1,867           | 9.91   | 2.9    | ASHRAE  |          |       |     |      |                |
| GJ230P      | 19,100  | 5,597     | 1,949           | 9.8    | 2.87   | ASHRAE  |          |       |     |      |                |



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# Compressor, LX110LQJG, Refrigeration freezer, KF-P8903HLP, 1/3HP, 260W, R134A, 180G, Refrigerator Amererca

Category: compressor

written by [www.mbsm.pro](http://www.mbsm.pro) | 11 December 2021

1 Reciprocating & Linear Compressor Compressor Technology for Refrigerator

2 01 LG Compressor Model Variety In order to offer you a various product portfolio of refrigerator compressor, our range covers constant and inverter of Reciprocating and Linear compressor with low pressure as well as high pressure. It enables to provide you with full support in all application of your needs. Customer Support LG compressors promise to deliver a satisfaction level for all your business stage from research, development to the spec-in that exceeds our customers expectations, and strives to provide the highest value to our customers through a fast, accurate and differentiated service & solution as your business partner. Technology LG compressors are continuously evolving group of high-precision machining and assembly technologies from accumulated techniques for generating sustainable world best compressor. Especially we are enabling to give our customers technical support in order to provide best performance compressor through design mechanism and produce key technology of compressor, inverter motor and drive that makes you to achieve optimized product. Quality With the product quality and safety evaluation system that performs basic quality and safety evaluation for products at every production stage. Under the quality gate system, all our products undergo a safety check at each quality gate based on a checklist, preventing shipments of products with quality or safety issues. We also have achieved recognition our quality and sustainability from Europe, North America, China and Japan. Why LG Compressor? LG Compressor 01 3 02 LG Compressor LG Compressor 03 Brief History & Factory Milestones & Production Sites China Qinhuangdao (Casting) Tianjin (Rotary, Scroll) Nanjing ( ) Taizhou (Reciprocating) 13 Production Refrigerator Compressor Production Air-conditioner Compressor Production Compressor Division Compressor Sales 100 Million Units Establishment of C&M Business Unit 2011 Korea (HQ) Changwon (Reciprocating, Linear, Rotary, Scroll, ) India Noida (Reciprocating) Thailand Rayong (Rotary)

4 04 LG Compressor LG Compressor 05 Contents Why LG Compressor? Brief History & Factory Reciprocating Compressor – Product Range – Nomenclature – Specification I Constant speed – Specification I Inverter – Specification I Controller – Attached / Detached Controller – Mounting – Packing & Container Stuffing Quantity Linear Compressor – Product Range – Nomenclature – Specification – Wiring Diagram – Accessory Part – Packing & Container Stuffing Quantity

5 08 LG Reciprocating Compressor LG Reciprocating Compressor 09 Nomenclature Product type B : BLDC C : Constant Speed F : Linear Size C : Compact L : Large M : Medium S : Small Generation code (A-Z) B M A 098 N A M V Operating type Rated voltage & frequency Code Voltage Hz Code Voltage Hz A /60 Q 110~ B 50/60 R 110~ C D 60 E ~ S T Code Voltage G RSIR M RSCR F CSIR H CSR K RSIR N RSCR P CSIR R CSR V Inverter 200~ ~ F J 60 U 115~ K M ~240 50/60 L N 115~127 50/60 P

Improvement order A, B, C : Cu Wire H, J : Al Wire R134a TS Capacity EER COP TS22LHEG RSIR ~240/ ASHRAE TS22LHAG RSIR 110/ ASHRAE TS24LATG RSIR ~240/ ASHRAE

TS24LJJG RSIR / ASHRAE TS24LHJG RSIR / ASHRAE TS24LAAG RSIR 110/ ASHRAE TS24LHAG RSIR 110/ ASHRAE TS24LHTG RSIR ~240/ ASHRAE TS22LHAG RSIR 110/ ASHRAE TS22LHDG RSIR / ASHRAE TS22LHCG RSIR 115/ ASHRAE TS24LADG RSIR / ASHRAE TS24LATG RSIR / ASHRAE TS24LAAG RSIR 100/ ASHRAE TS24LHAG RSIR 110/ ASHRAE TS24LHUG RSIR 115~127/ ASHRAE TS24LAFG RSIR 127/ ASHRAE TS24LBDM RSCR / ASHRAE TS24LACG RSIR 115/ ASHRAE TS24LHDG RSIR / ASHRAE TS24LHTG RSIR / ASHRAE Note 2 : condition Evaporating temperature Condensing temperature Ambient temperature TS Capacity Displacement (ex : 098=9.8cc/rev) Refrigerants L : R134a H : R134a HBP N : R600a 6 10 LG Reciprocating Compressor LG Reciprocating Compressor 11 R134a NS Capacity EER COP NS24LBEG RSIR ~240/ ASHRAE 157 NS24LABG RSIR / ASHRAE 147 NS24LAEG RSIR ~240/ ASHRAE 147 NS24LABG RSIR / ASHRAE 147 NS24LBCG RSIR 115/ ASHRAE 157 NS24LBCM RSCR 115/ ASHRAE 157 NS24LADG RSIR / ASHRAE 147 NS24LACG RSIR 115/ ASHRAE 147 NS30LABG RSIR / ASHRAE 147 NSA24LACG RSIR 115/ ASHRAE 147 NS30LAEG RSIR ~240/ ASHRAE 147 NS30LABG RSIR / ASHRAE 147 NS36LABG RSIR / ASHRAE 157 NS30LACG RSIR 115/ ASHRAE 147 NS30LACM RSCR 115/ ASHRAE 147 NS36LAEG RSIR ~240/ ASHRAE 157 NSA30LACG RSIR 115/ ASHRAE 147 NS36LACG RSIR 115/ ASHRAE 157 NS36LADG RSIR / ASHRAE 157 NS36LADM RSCR / ASHRAE 157 NS36LABG RSIR / ASHRAE 157 NSA36LACG RSIR 115/ ASHRAE 157 R134a CMA Capacity EER COP CMA042LHJG RSIR / ASHRAE 171 CMA042LHDM RSCR / ASHRAE 171 CMA042LHCG RSIR 115/ ASHRAE 171 CMA042LHCM RSCR 115/ ASHRAE 171 CMA042LHUM RSCR 115~127/ ASHRAE 171 CMA053LHEG RSIR ~240/ ASHRAE 171 CMA053LHEM RSCR ~240/ ASHRAE 171 CMA057LHEM RSCR ~240/ ASHRAE 171 CMA057LHEG RSIR ~240/ ASHRAE 171 CMA057LAEM RSCR ~240/ ASHRAE 171 CMA053LHDG RSIR / ASHRAE 171 CMA053LHCG RSIR 115/ ASHRAE 171 CMA053LHCM RSCR 115/ ASHRAE 171 CMA062LHEG RSIR ~240/ ASHRAE 171 CMA062LHEM RSCR ~240/ ASHRAE 171 CMA069LAEM RSCR ~240/ ASHRAE 171 CMA069LBEM RSCR ~240/ ASHRAE 171 CMA069LHEM RSCR ~240/ ASHRAE 171 CMA075LHDM RSCR / ASHRAE 171 Note 2 : condition Evaporating temperature Condensing temperature Ambient temperature Note 2 : condition Evaporating temperature Condensing temperature Ambient temperature NS CMA 7 12 LG Reciprocating Compressor LG Reciprocating Compressor 13 R134a MA Capacity EER COP MA42LPJG RSIR / ASHRAE 172 MA42LMJM RSCR / ASHRAE 172 MA42LMJG RSIR / ASHRAE 172 MA42LHJM RSCR / ASHRAE 172 MA45LDJG RSIR / ASHRAE 172 MA45LCJG RSIR / ASHRAE 172 MA45LJJM RSCR / ASHRAE 172 MA45LHJM RSCR / ASHRAE 172 MA53LABM RSCR / ASHRAE 172 MA53LATG RSIR ~240/ ASHRAE 172 MA53LAJM RSCR / ASHRAE 172 MA53LJJG RSIR / ASHRAE 172 MA53LBJG RSIR / ASHRAE 172 MA53LAJG RSIR / ASHRAE 172 MA53LAEG(AL) RSIR ~240/ ASHRAE 180 MA53LAEM(AL) RSCR ~240/ ASHRAE 180 MA57LBJG RSIR / ASHRAE 172 MA57LABM RSCR / ASHRAE 180 MA57LAEG RSIR ~240/ ASHRAE 172 MA57LAEM(AL) RSCR ~240/ ASHRAE 180 MA57LBEG(AL) RSIR ~240/ ASHRAE 180 MA57LBJG RSIR / ASHRAE 177 MA57LJJG RSIR / ASHRAE 177 MA53LHEM RSCR ~240/ ASHRAE 172 MA57LDJM RSCR / ASHRAE 177 MA53LBCG RSIR 115/ ASHRAE 172 MA53LBCM RSCR 115/ ASHRAE 172 MA62LCEG RSIR ~240/ ASHRAE 180 MA62LCEM RSCR ~240/ ASHRAE 180 MA62LDEG RSIR ~240/ ASHRAE 172 MA53LAUG RSIR 115~127/ ASHRAE 172 MA62LBJG RSIR / ASHRAE 177 MA62LJJG RSIR / ASHRAE 177 MA62LDJM RSCR / ASHRAE 177 MA62LBEG RSIR ~240/ ASHRAE 177 MA62LCEG RSIR ~240/ ASHRAE 177 MA53LADG RSIR / ASHRAE 172 MA53LADM RSCR / ASHRAE 172 MA53LCCM RSCR 115/ ASHRAE 172 MA53LABM RSCR / ASHRAE 172 MA69LKEM RSCR ~240/ ASHRAE 177 MA69LJEG RSIR ~240/ ASHRAE 177 MA69LJEP CSIR ~240/ ASHRAE 177 MA69LHEM RSCR ~240/ ASHRAE 177 MA69LHEG RSIR ~240/ ASHRAE 177 R134a MA / MC MA MC LQ Capacity EER COP MA69LHEP CSIR ~240/ ASHRAE 177 MA57LADM RSCR / ASHRAE 180 MA57LABM RSCR / ASHRAE 180 MA69LDEG RSIR ~240/ ASHRAE 172 MA69LCEG RSIR ~240/ ASHRAE 180 MA69LCEM RSCR ~240/ ASHRAE 180 MA69LAEM RSCR

~240/ ASHRAE 177 MA72LBJS RSIR / ASHRAE 177 MA72LHEM RSCR ~240/ ASHRAE 177 MA72LKEM RSCR ~240/ ASHRAE 177 MA72LBEM RSCR ~240/ ASHRAE 177 MA72LJEP CSIR ~240/ ASHRAE 177 MA72LJEG RSIR ~240/ ASHRAE 177 MA72LHEG RSIR ~240/ ASHRAE 177 MA88LAEP CSIR ~240/ ASHRAE 177 MA98LAEM RSCR ~240/ ASHRAE 182 MC53LBEM RSCR ~240/ ASHRAE 172 MC57LAEM RSCR ~240/ ASHRAE 177 MC57LBEM RSCR ~240/ ASHRAE 177 MA57LBJM RSCR / ASHRAE 177 LQ75LAEM RSCR ~240/ ASHRAE 203 LQ86LAEM RSCR ~240/ ASHRAE 203 Remark LQ69LAUM RSCR 115~127/ ASHRAE 203 E-PTC LQ69LAUM RSCR 115~127/ ASHRAE 203 LQ69LAUH RSCR 115~127/ ASHRAE 203 E-PTC LQ69LADM RSCR / ASHRAE 203 LQ75LAUM RSCR 115~127/ ASHRAE 203 E-PTC LQ100LAJH CSR / ASHRAE 203 LQ86LADM RSCR / ASHRAE 203 Note 2 : condition Evaporating temperature Condensing temperature Ambient temperature LQ

8 14 LG Reciprocating Compressor LG Reciprocating Compressor 15 R134a LX Capacity EER COP LX67LABM RSCR / ASHRAE 200 LX67LHBM RSCR / ASHRAE 203 LX72LATG RSIR ~240/ ASHRAE 200 LX72LBEG RSIR ~240/ ASHRAE 200 LX72LAAM RSCR 110/ ASHRAE 200 LX72LATF CSIR ~240/ ASHRAE 200 LX72LATH CSR ~240/ ASHRAE 200 LX72LAEM RSCR ~240/ ASHRAE 200 LX72LHJH CSR / ASHRAE 203 LX72LHJM RSCR / ASHRAE 203 LX72LHJF CSIR / ASHRAE 203 LX67LAQG RSIR 100~115/ ASHRAE 200 LX86LABM RSCR / ASHRAE 203 LX86LBEG RSIR ~240/ ASHRAE 200 LX86LBEF CSIR ~240/ ASHRAE 200 LX86LCEG RSIR ~240/ ASHRAE 203 LX86LHEM RSCR ~240/ ASHRAE 203 LX86LHJF CSIR / ASHRAE 203 LX67LABM RSCR / ASHRAE 200 LX67LAFM RSCR 127/ ASHRAE 200 LX67LHBM RSCR / ASHRAE 203 LX86LPBP CSIR / ASHRAE 203 LX86LAEG RSIR ~240/ ASHRAE 203 LX72LATG RSIR / ASHRAE 200 LX72LBQG RSIR 100~115/ ASHRAE 200 LX72LAAM RSCR 110/ ASHRAE 200 LX72LATF CSIR / ASHRAE 200 LX72LATH CSR / ASHRAE 200 LX72LHQF CSIR 100~115/ ASHRAE 203 LX95LAAH CSR 110/ ASHRAE 203 LX95LABH CSR / ASHRAE 203 LX86LACM RSCR 115/ ASHRAE 203 LX86LAQM RSCR 100~115/ ASHRAE 203 LX86LPBP CSIR / ASHRAE 203 LX86LADM RSCR / ASHRAE 203 LX86LABM RSCR / ASHRAE 203 LX86LPDP CSIR / ASHRAE 200 LX110LAJH CSR /50 2 1, ASHRAE 203 LX110LAJM RSCR /50 2 1, ASHRAE 203 LX110LAEH CSR ~240/50 2 1, ASHRAE 203 LX110LAEM RSCR ~240/50 2 1, ASHRAE 203 LX R134a LX 1 Capacity EER COP LX110LAAH CSR 110/50 2 1, ASHRAE 203 LX110LQJG RSIR /50 2 1, ASHRAE 200 LX110LHJH CSR /50 2 1, ASHRAE 203 LX110LAJM RSCR / , ASHRAE 203 LX95LAAH CSR 110/ , ASHRAE 203 LX95LADH CSR / , ASHRAE 203 LX95LABH CSR / , ASHRAE 203 LX95LBQH CSR 100~115/ , ASHRAE 203 LX95LAFH CSR 127/ , ASHRAE 203 LX95LAQH CSR 100~115/ , ASHRAE 203 LX110LAAH CSR 110/ , ASHRAE 203 LX110LPDP CSIR / , ASHRAE 203 LX125LAJM RSCR / , ASHRAE 203 Note 2 : condition Evaporating temperature Condensing temperature Ambient temperature

9 16 LG Reciprocating Compressor LG Reciprocating Compressor 17 R600a NS CSA Capacity EER COP NS36NAAG RSIR 110/ ASHRAE 157 NS36NAAG RSIR 110/ ASHRAE 157 NSA43NACM RSCR 115/ ASHRAE 157 NSA43NACG RSIR 115/ ASHRAE 157 CSA043NHEG RSIR ~240/ ASHRAE 167 CSA043NHAG RSIR 110/ ASHRAE 167 CSA047NHEG RSIR ~240/ ASHRAE 167 CSA043NHAG RSIR 110/ ASHRAE 167 CSA053NHEG RSIR ~240/ ASHRAE 167 CSA057NHEG RSIR ~240/ ASHRAE 167 CSA057NJEG RSIR ~240/ ASHRAE 157 CSA062NHAG RSIR 110/ ASHRAE 167 CSA062NHEG RSIR ~240/ ASHRAE 167 CSA057NHCG RSIR 115/ ASHRAE 167 CSA069NHAG RSIR 110/ ASHRAE 167 CSA069NHEG RSIR ~240/ ASHRAE 167 CSA062NHAG RSIR 110/ ASHRAE 167 CSA075NJEG RSIR ~240/ ASHRAE 157 CSA075NHEG RSIR ~240/ ASHRAE 167 CSA075NHEM RSCR ~240/ ASHRAE 167 CSA069NHCG RSIR 115/ ASHRAE 167 CSA069NHAG RSIR 110/ ASHRAE 167 CSA075NHCG RSIR 115/ ASHRAE 167 R600a CMA Capacity EER COP Remark CMA057NAAG RSIR 110/ ASHRAE 171 CMA057NAEM RSCR ~240/ ASHRAE 171 CMA057NAEM RSCR ~240/ ASHRAE 171 E-PTC CMA057NHEM RSCR ~240/ ASHRAE 171 CMA057NHEM RSCR ~240/ ASHRAE 171 E-PTC CMA062NAEM RSCR ~240/ ASHRAE 171 CMA062NAEM RSCR ~240/ ASHRAE 171 E-PTC CMA062NHEM RSCR ~240/ ASHRAE 171

CMA062NHEM RSCR ~240/ ASHRAE 171 E-PTC CMA057NAAG RSIR 110/ ASHRAE 171  
 CMA069NJEM RSCR ~240/ ASHRAE 171 CMA069NAEM RSCR ~240/ ASHRAE 171 CMA069NAEM  
 RSCR ~240/ ASHRAE 171 E-PTC CMA069NHEM RSCR ~240/ ASHRAE 171 CMA069NHEM RSCR  
 ~240/ ASHRAE 171 E-PTC CMA069NHAM RSCR 110/ ASHRAE 171 CMA075NAEM RSCR ~240/  
 ASHRAE 171 CMA075NAEM RSCR ~240/ ASHRAE 171 E-PTC CMA075NHEM RSCR ~240/ ASHRAE  
 171 CMA075NHEM RSCR ~240/ ASHRAE 171 E-PTC CMA075NHAM RSCR 110/ ASHRAE 171  
 CMA069NHAM RSCR 110/ ASHRAE 171 CMA082NHEM RSCR ~240/ ASHRAE 171 CMA082NHEM RSCR  
 ~240/ ASHRAE 171 E-PTC CMA082NJEG RSIR ~240/ ASHRAE 171 CMA082NAEM RSCR ~240/  
 ASHRAE 171 Note 2 : condition Evaporating temperature Condensing temperature  
 Ambient temperature Note 2 : condition Evaporating temperature Condensing  
 temperature Ambient temperature NS / MSA / CSA CMA  
 10 18 LG Reciprocating Compressor LG Reciprocating Compressor 19 R600a CMA  
 Capacity EER COP Remark CMA082NAEM RSCR ~240/ ASHRAE 171 E-PTC CMA089NHEM RSCR  
 ~240/ ASHRAE 171 CMA089NHEM RSCR ~240/ ASHRAE 171 E-PTC CMA089NJEG RSIR ~240/  
 ASHRAE 171 CMA075NHAM RSCR 110/ ASHRAE 171 CMA089NAEM RSCR ~240/ ASHRAE 171  
 CMA089NAEM RSCR ~240/ ASHRAE 171 E-PTC CMA089NBEM RSCR ~240/ ASHRAE 171  
 CMA098NJEM RSCR ~240/ ASHRAE 171 CMA098NAEM RSCR ~240/ ASHRAE 171 CMA098NAEM  
 RSCR ~240/ ASHRAE 171 E-PTC CMA098NJEG RSIR ~240/ ASHRAE 171 CMA098NHEM RSCR  
 ~240/ ASHRAE 171 CMA098NHEM RSCR ~240/ ASHRAE 171 E-PTC CMA098NJEM RSCR ~240/  
 ASHRAE 171 CMA089NHDM RSCR / ASHRAE 171 CMA089NHDM RSCR / ASHRAE 171 E-PTC  
 CMA110NAEM RSCR ~240/ ASHRAE 171 CMA110NAEM RSCR ~240/ ASHRAE 171 E-PTC  
 CMA110NAEM RSCR ~240/ ASHRAE 171 CMA110NAEM RSCR ~240/ ASHRAE 171 CMA098NARM  
 RSCR 110~127/ ASHRAE 171 CMA098NADM RSCR / ASHRAE 171 CMA121NAEM RSCR ~240/  
 ASHRAE 171 CMA121NAEM RSCR ~240/ ASHRAE 171 CMA110NADM RSCR / ASHRAE 171 R600a  
 MB MQ LQ Capacity EER COP MB62NJEG RSIR ~240/ ASHRAE 172 MB82NAEM RSCR ~240/  
 ASHRAE 177 MB82NJEG RSIR ~240/ ASHRAE 177 MB82NJEM RSCR ~240/ ASHRAE 177  
 MB98NJEG RSIR ~240/ ASHRAE 177 MQ88NAEM RSCR ~240/ ASHRAE 180 MQ98NAJH CSR /  
 ASHRAE 180 MQ98NAEM RSCR ~240/ ASHRAE 180 Remark LQ119NAEM RSCR ~240/ ASHRAE 203  
 E-PTC LQ119NAEM RSCR ~240/ ASHRAE 203 LQ125NAEM RSCR ~240/ ASHRAE 203 LQ140NAEM  
 RSCR ~240/ ASHRAE 203 LQ119NAQM RSCR 100~115/ ASHRAE 203 LQ140NAEM RSCR ~240/  
 ASHRAE 203 LQ140NAEH CSR ~240/ ASHRAE 203 LQ140NAEM RSCR ~240/ ASHRAE 203 E-PTC  
 Note 2 : condition Evaporating temperature Condensing temperature Ambient  
 temperature Note 2 : condition Evaporating temperature Condensing temperature  
 Ambient temperature CMA MB / MQ LQ  
 11 20 LG Reciprocating Compressor LG Reciprocating Compressor 21 Application :  
 HBP Application : HBP R134a CMA MA Capacity EER COP CMA042HHDM RSCR / , ASHRAE  
 161 CMA053HHDM RSCR / , ASHRAE 161 CMA062HAEM RSCR ~240/ , ASHRAE 171 CMA062HHDM  
 RSCR / , ASHRAE 171 CMA075HAEM RSCR ~240/ , ASHRAE 171 CMA075HADM RSCR /60 0 2,  
 ASHRAE 171 CMA089HADM RSCR / , ASHRAE 171 MA42HJEP CSIR ~240/ , ASHRAE 172  
 MA53HJEF CSIR ~240/ , ASHRAE 172 MA53HAEF CSIR ~240/ , ASHRAE 172 MA62HAEG RSIR  
 ~240/ , ASHRAE 177 MA62HAEF CSIR ~240/ , ASHRAE 177 MA72HAEP CSIR ~240/ , ASHRAE  
 177 Note 2 : condition Evaporating temperature Condensing temperature Ambient  
 temperature ASHRAE 7.2 C 54.4 C 35 C R134a LX Capacity EER COP LX72HAEP CSIR  
 ~240/ , ASHRAE 203 LX72HAEG RSIR ~240/ , ASHRAE 203 LX72HPDP CSIR /60 0 2,  
 ASHRAE 200 LX86HAEP CSIR ~240/ , ASHRAE 203 LX86HAEG RSIR ~240/50 5 2, ASHRAE  
 203 LX86HPDP CSIR / , ASHRAE 200 LX110HAEP CSIR ~240/ ,613 1, ASHRAE 203  
 LX110HAEM RSCR ~240/ ,772 1, ASHRAE 203 LX125HPJP CSIR / ,950 1, ASHRAE 203  
 LX110HPDP CSIR / ,9 1, ASHRAE 200 LX110HACF CSIR 115/ ,129 1, ASHRAE 203  
 LX125HPDP CSIR / ,764 1, ASHRAE 203 Note 2 : condition Evaporating temperature  
 Condensing temperature Ambient temperature ASHRAE 7.2 C 54.4 C 35 C CMA MA LX

## تعويض فن كندانسور



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**LG**

**REFRIGERATOR-FREEZER**

**MODEL : KF-P8903HLP**

**RATING**

220V ~ 50Hz

**CLIMATE CLASS**

T

**RATED CURRENT**

1.73A

**FREEZING CAPACITY**

12.0kg/24Hr

**DEFROSTING INPUT**

260W

**RATED INPUT OF HEATER SHEATH**

260W

**STORAGE/GROSS VOL. TOTAL**

538 l / 606 l

**-FREEZER COMPARTMENT**

173 l / 228 l

**-REFRIGERATOR COMPARTMENT**

365 l / 378 l

**REFRIGERANT**

R134a 180g

**INSULATION BLOWING GAS**

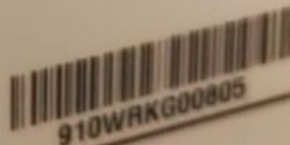
CYCLOPENTANE

**DIMENSIONS**

894(W)x753(D)x1753(H)mm

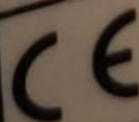
**MADE IN EUROPE**

**SERIAL NO.**



910WRKG00805

TAB34634741



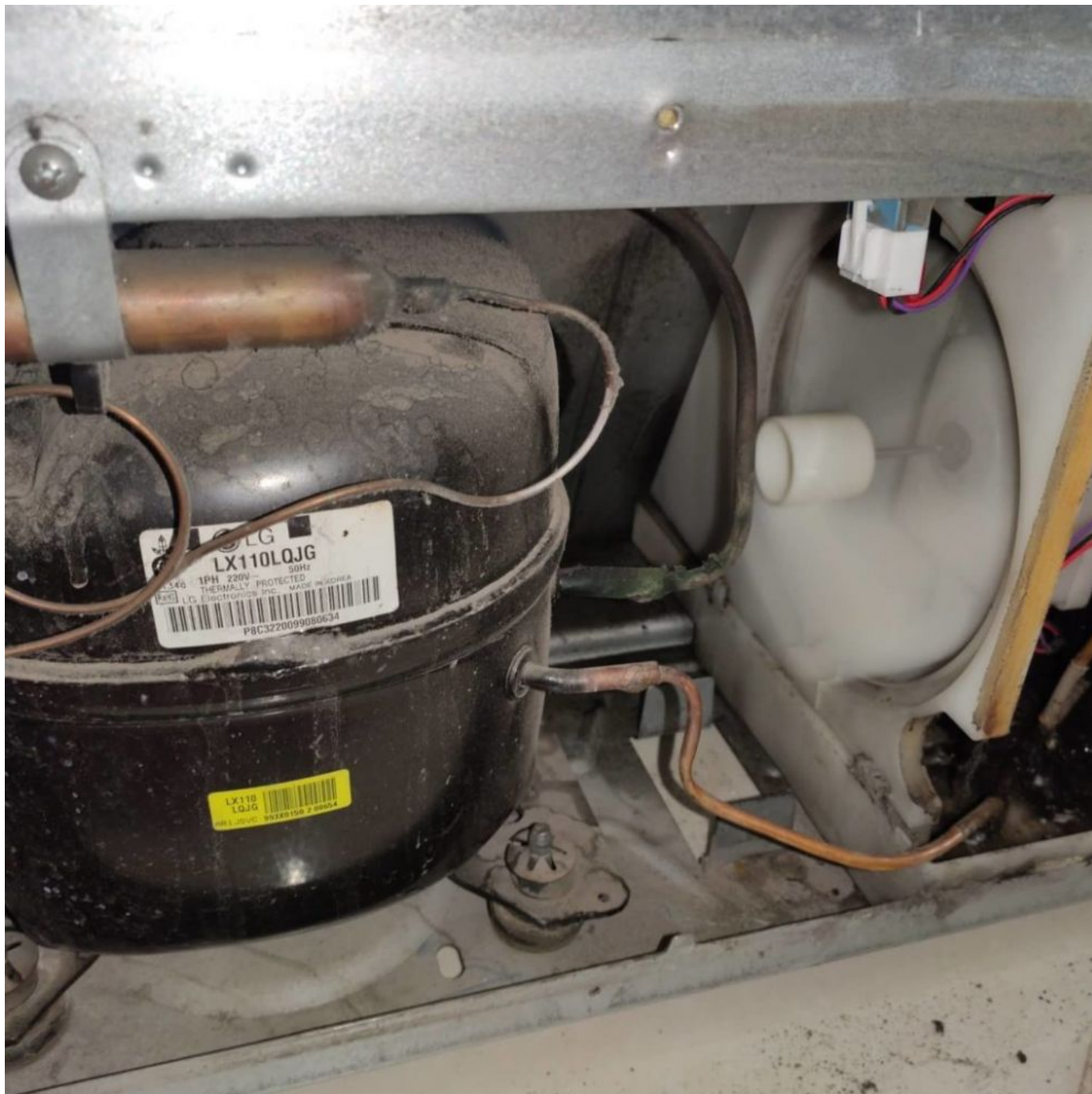


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compressor, R134a, AE4430Y-FZ,  
HERMÉTIQUE-TECUMSEH, 220-240V 50Hz,  
1/4HP++, HMBP, 1/3HP, 337W, AEZ4430Y

Category: compressor

written by [www.mbsm.pro](http://www.mbsm.pro) | 11 December 2021

Compressor Tecumseh L` Unite AEZ4430Y/AE4430Y, HBP – R134a, 220 – 240V, 50 Hz, 1 phase \*Warning – equivalent goods: AE4430Y will be delivered

Refrigerant: R134a

Power range(W): 701 – 1000 W  
Connecting size: 3/16"  
Suction: 1/4"  
Working area: HBP  
Design type: Hermetic  
Model series: AE  
Use with: Expansion/Capillary  
Power supply: 230 V  
Oil type: POE  
Engine type: CSIR  
Article condition: New  
Info: Oil filled  
Shipping weight: 12,20 Kg  
Contents: 1,00 Pieces  
Dimensions ( height ): 19,90 cm  
customs tariff number: 84143081  
Manufacturer: Tecumseh L` Unite  
Model: AEZ4430Y  
Stroke volume (cm3): 8,8  
Performance condition: +5 / +50 °C  
Power (W): 768  
Engine type: CSIR  
dbA @ 1m: 50  
Note: Fan cooling necessary  
Equipment: Start-Capacitor 50 uF / 250V  
Oil quantity (l): 0,35  
Compressor type: Piston  
Suction (inch): 1/4  
Discharge (inch): 3/16  
Alternative: AE4430Y



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Compressor Tecumseh L` Unite AE4430Y/AEZ4430Y, HBP – R134a, 220 – 240V, 50 Hz, 1

phase, discharge: 8.02 cm<sup>3</sup>, oil type: POE, oil charge: 280 cm<sup>3</sup>, electrical equipment CSIR, cooling power: 702 W at +5 / +50 °C, connection: suction: 1/4 inch, discharge: 3/16 inch, sound level: 56 dBA, start capacitor: 50uF/250V, expansion device: capillary or with expansion valve, cooling: forced, height: 200 mm, weight: 9.7 kg

|  |        |  |                    |  |          |  |                       |
|-----------------------------------------------------------------------------------|--------|-----------------------------------------------------------------------------------|--------------------|------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------|-----------------------|
| CODE CD                                                                           | TYPE   | CODE CD                                                                           | TYPE               | CODE CD                                                                            | TYPE     | CODE CD                                                                             | TYPE                  |
| FRD255                                                                            | ML60TB | FRD696                                                                            | FRD6CL             | VD6063                                                                             | NB6165GK | BTD2876                                                                             | AEZ4430Z              |
| FRD137                                                                            | GP14TB | -                                                                                 | NL11MF             | -                                                                                  | NE6210Z  | FRD464                                                                              | CAE4440Y              |
| VD6043                                                                            | GP12TB | FRD463                                                                            | FRG11-<br>NL10MF   | SOMD1432                                                                           | NE6187Z  | -                                                                                   | -                     |
| FRD256                                                                            | ML80TB | -                                                                                 | NL7MLX             | -                                                                                  | NE6181GK | BTD2742                                                                             | AEZ4440Z              |
| MED2302                                                                           | MP14TP | -                                                                                 | -                  | FRD158                                                                             | T6217GK  | FRD443                                                                              | CAE9470Z              |
| FRD257                                                                            | ML90TB | -                                                                                 | -                  | -                                                                                  | NE6210GK | FRD442                                                                              | CAE4450Z              |
| PLD1803                                                                           | GL45TB | FRD333                                                                            | TL5G               | -                                                                                  | BP6125H  | CHD2658                                                                             | THB4415Y              |
| ISD1007                                                                           | MR22FB | FRLD2643                                                                          | SC21CL             | SOMD17676                                                                          | T2180GK  | MED2261                                                                             | CAJ2440Z              |
| FRD665                                                                            | MX18FB | FRD271                                                                            | SC15CL             | -                                                                                  | T2168GK  | PLD1781                                                                             | CAJ2428Z              |
| ITD281                                                                            | ML45TB | -                                                                                 | -                  | -                                                                                  | NB6144GK | FRD254                                                                              | AEZ4425Z              |
| VD6041                                                                            | GL90TB | FRD128                                                                            | FR10G-<br>NL8.4MF  | FRD130                                                                             | NE6170Z  | FRD501                                                                              | AEZ4430Y              |
| ITD284                                                                            | MP12TB | -                                                                                 | SC10MLX            | FRD144                                                                             | NE9213GK | INF2116                                                                             | CAE9460Z              |
| -                                                                                 | GP12FB | FRD463                                                                            | FR11G              | FRD140                                                                             | NE2121Z  | -                                                                                   | AEZ2410Y              |
| FRD695                                                                            | MS34FB | -                                                                                 | -                  | FRD467                                                                             | N2212GK  | MARD1027                                                                            | CAJ2464Z              |
| -                                                                                 | MX16TB | -                                                                                 | SC15MLX            | FRD156                                                                             | T6220GK  | VD6062                                                                              | CAJ9480Z              |
| SOMD17024                                                                         | MX18TB | BTD2337                                                                           | SC18MLX            | FRD159                                                                             | T6222GK  | FRD444                                                                              | CAJ9510Z              |
| PLD1805                                                                           | GL80TB | SOMD10205                                                                         | FR7.5G-<br>NL7.3MF | -                                                                                  | NE6160Z  | FXD1075                                                                             | AEZ4425Y              |
| -                                                                                 | GL80PB | SOMD10205                                                                         | FR7.5G-<br>NL7.3MF | -                                                                                  | NE5160Z  | -                                                                                   | -                     |
| GVD66397                                                                          | MP12FB | ICD6006                                                                           | SC12CL             | FRLD2524                                                                           | T2155GK  | -                                                                                   | CAE2420Z              |
| PLD1807                                                                           | GL60TB | FRLD2624                                                                          | NL6.1MF            | IAD1434                                                                            | NB6144Z  | SOMD17679                                                                           | THB4419Y-<br>THB4422Y |
| VD6022                                                                            | GL90AA | -                                                                                 | NLE9F              | FRD142                                                                             | NB2118Z  | -                                                                                   | AEZ2380Y              |

|  |        |  |                   |  |           |  |                       |
|-----------------------------------------------------------------------------------|--------|-----------------------------------------------------------------------------------|-------------------|------------------------------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------|-----------------------|
| CODE CD                                                                           | TYPE   | CODE CD                                                                           | TYPE              | CODE CD                                                                            | TYPE      | CODE CD                                                                             | TYPE                  |
| -                                                                                 | GL40PB | -                                                                                 | -                 | FRD135                                                                             | BF5132H   | -                                                                                   | -                     |
| MED2303                                                                           | MX21FB | VD6019                                                                            | SC18CL            | FRD164                                                                             | T2178GK   | PLD1782                                                                             | CAJ2432Z              |
| -                                                                                 | MS26FB | -                                                                                 | GS26CLX           | FRD154                                                                             | NJ2192GK  | PLD1784                                                                             | CAJ2446Z              |
| VD6040                                                                            | L76TN  | -                                                                                 | -                 | -                                                                                  | NE6181E   | -                                                                                   | AEZ4440E              |
| IAD1475                                                                           | ML80FB | IAD1448                                                                           | FR8.5CL           | FRD157                                                                             | NE2125GK  | ARD3991                                                                             | AEZ2415Z              |
| GVD66397                                                                          | MP12FB | FRD475                                                                            | SC10CL            | FRD146                                                                             | NE2134GK  | -                                                                                   | CAE2417Z-<br>CAE2420Z |
| GVD19540                                                                          | ML90FB | FRD475                                                                            | SC10CL            | IAD1426                                                                            | NEK2134GK | -                                                                                   | CAE2417Z-<br>CAE2420Z |
| ISD1007                                                                           | MR22FB | FRLD2643                                                                          | SC21CL            | IAD1383                                                                            | T2180GJ   | MED2261                                                                             | CAJ2440Z              |
| FRD257                                                                            | ML90TB | -                                                                                 | -                 | FRD145                                                                             | NEK6210GK | FRD442                                                                              | CAE4450Z              |
| ITD284                                                                            | MP12TB | -                                                                                 | SC12MLX           | FRD144                                                                             | NE9213GK  | INFD2116                                                                            | CAE9460Z              |
| -                                                                                 | MR22TB | -                                                                                 | GS21MLX           | FRD259                                                                             | NJ9226GK  | FRD476                                                                              | CAJ9513Z              |
| IAD1384                                                                           | MS26TB | -                                                                                 | GLS26MLX          | IAD1461                                                                            | NJ9232GK  | ITD955                                                                              | CAJ4517Z              |
| FRD473                                                                            | MS34TB | -                                                                                 | GLS34MLX          | INFD1730                                                                           | NJ9238GK  | FRD468                                                                              | CAJ4519Z              |
| ZDA2548                                                                           | GX18TB | -                                                                                 | -                 | FRD131                                                                             | T6213Z    | FRD461                                                                              | CAE4448Y              |
| IAD1475                                                                           | ML80FB | IAD1448                                                                           | FR8.5CL           | IAD1432                                                                            | NEK2125GK | -                                                                                   | AEZ2415Z              |
| IAD1376                                                                           | MP14FB | ICD6006                                                                           | SC12CL            | FRD162                                                                             | NEK2150GK | -                                                                                   | CAE2420Z              |
| ZDA2548                                                                           | GX18TB | IAD1366                                                                           | SC18G             | FRD139                                                                             | T6215Z    | -                                                                                   | CAE4461Y              |
| -                                                                                 | GL90PB | FRD128                                                                            | FR10G-<br>NL8.4MF | -                                                                                  | NE5170Z   | -                                                                                   | -                     |
| VD6032                                                                            | L45TN  | -                                                                                 | -                 | FRD179                                                                             | NB6152E   | -                                                                                   | -                     |
| VD6034                                                                            | L57TN  | -                                                                                 | -                 | -                                                                                  | NB6165E   | FGD4617                                                                             | AEZ4430E              |
| VD6036                                                                            | L88TN  | -                                                                                 | -                 | -                                                                                  | NE6210E   | FGD4604                                                                             | CAE4450E-<br>CAE9450T |

# LOW BACK PRESSURE COMPRESSORS

| Type   | COMPRESSOR MODELS | Nominal Power (H.P.) |             |                                 |                               | REFRIGERATION CAPACITY AT 50HZ<br>Rated 54.5°C Cond Temp (Watts) |       |       |      |      |        |       | VOLTAGE         |
|--------|-------------------|----------------------|-------------|---------------------------------|-------------------------------|------------------------------------------------------------------|-------|-------|------|------|--------|-------|-----------------|
|        |                   |                      | Refrigerant | Displacement (cm <sup>3</sup> ) | Oil charge (cm <sup>3</sup> ) | Evaporating Temperature                                          |       |       |      |      |        |       |                 |
|        |                   |                      |             |                                 |                               | -25°C                                                            | -15°C | -10°C | -5°C | 0°C  | +7.2°C | +15°C |                 |
|        |                   |                      |             |                                 |                               |                                                                  |       |       |      |      |        |       |                 |
| PISTON | THB4410Y          | 1/8                  | R134a       | 2.72                            | 250                           | 65.8                                                             | 74    | 101   | 132  | 170  | 237    | 332   | 220-240V/1/50Hz |
|        | THB4413Y          | 1/7                  | R134a       | 3.58                            | 250                           | 95.3                                                             | 104   | 137   | 178  | 227  | 315    | 436   | 220-240V/1/50Hz |
|        | THB4415Y          | 1/6                  | R134a       | 4.23                            | 250                           | 117                                                              | 123   | 160   | 206  | 262  | 363    | 502   | 220-240V/1/50Hz |
|        | THB4419Y          | 1/5                  | R134a       | 5.20                            | 250                           | 132                                                              | 149   | 194   | 251  | 319  | 439    | 602   | 220-240V/1/50Hz |
|        | THB4422Y          | 1/5                  | R134a       | 6.10                            | 250                           | 176                                                              | 194   | 248   | 315  | 394  | 533    | 717   | 220-240V/1/50Hz |
|        | AEZ4425Y          | 1/5                  | R134a       | 7.55                            | 450                           | 116                                                              | 185   | 260   | 350  | 455  | 635    | 866   | 220-240V/1/50Hz |
|        | AEZ4430Y          | 1/4                  | R134a       | 8.85                            | 450                           | 195                                                              | 245   | 328   | 432  | 558  | 777    | 1065  | 220-240V/1/50Hz |
|        | CAE4440Y          | 1/3                  | R134a       | 12.05                           | 450                           | 236                                                              | 310   | 421   | 561  | 731  | 1026   | 1413  | 220-240V/1/50Hz |
|        | CAE4448Y          | 3/7                  | R134a       | 14.15                           | 450                           | 344                                                              | 403   | 530   | 693  | 892  | 1242   | 1705  | 220-240V/1/50Hz |
|        | CAE4456Y          | 7/16                 | R134a       | 16.2                            | 450                           | 381                                                              | 458   | 604   | 787  | 1009 | 1396   | 1904  | 220-240V/1/50Hz |
|        | CAJ4452Y          | 3/7                  | R134a       | 15.2                            | 887                           | 226                                                              | 370   | 528   | 724  | 957  | 1358   | 1879  | 220-240V/1/50Hz |
|        | CAJ4461Y          | 1/2                  | R134a       | 18.3                            | 887                           | 370                                                              | 475   | 642   | 856  | 1115 | 1569   | 2168  | 220-240V/1/50Hz |
|        | TAJ4461Y          |                      |             |                                 |                               |                                                                  |       |       |      |      |        |       | 400V/3/50Hz     |
|        | CAJ4476Y          | 5/8                  | R134a       | 21.75                           | 887                           | 352                                                              | 536   | 756   | 1030 | 1358 | 1926   | 2668  | 220-240V/1/50Hz |
|        | CAJ4492Y          | 3/4                  | R134a       | 25.95                           | 887                           | 255                                                              | 584   | 871   | 1215 | 1617 | 2295   | 3164  | 220-240V/1/50Hz |
|        | TAJ4492Y          |                      |             |                                 |                               |                                                                  |       |       |      |      |        |       | 400V/3/50Hz     |
|        | CAJ4511Y          | 1                    | R134a       | 32.7                            | 887                           | 569                                                              | 878   | 1227  | 1654 | 2160 | 3026   | 4148  | 220-240V/1/50Hz |
|        | TAJ4511Y          |                      |             |                                 |                               |                                                                  |       |       |      |      |        |       | 400V/3/50Hz     |
|        | FH4581Y           | 1-1/2                | R134a       | 53.2                            | 1330                          | 208                                                              | 1036  | 1650  | 2371 | 3200 | 4583   | 6333  | 220-240V/1/50Hz |
|        | TFH4518Y          |                      |             |                                 |                               |                                                                  |       |       |      |      |        |       | 400V/3/50Hz     |
|        | FH4525Y           | 2                    | R134a       | 74.25                           | 1330                          | 1155                                                             | 1667  | 2343  | 3201 | 4329 | 6053   | 8442  | 220-240V/1/50Hz |
|        | TFH4525Y          |                      |             |                                 |                               |                                                                  |       |       |      |      |        |       | 400V/3/50Hz     |

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## recumser compressor

# MEDIUM/HIGH BACK PRESSURE COMPRESSORS

| Type   | COMPRESSOR MODELS | Nominal Power (H.P.) |             | REFRIGERATION CAPACITY AT 50HZ<br>Rated 54.5°C Cond Temp (Watts) |                  |                         |       |      |      |      | VOLTAGE        |
|--------|-------------------|----------------------|-------------|------------------------------------------------------------------|------------------|-------------------------|-------|------|------|------|----------------|
|        |                   | t                    | Refrigerant |                                                                  |                  |                         |       |      |      |      |                |
|        |                   |                      | t           | Displacement (cm³)                                               |                  |                         |       |      |      |      |                |
|        |                   |                      |             |                                                                  | Oil charge (cm3) |                         |       |      |      |      |                |
|        |                   |                      |             |                                                                  |                  | Evaporating Temperature |       |      |      |      |                |
|        |                   | -10°C                | -5°C        | 0°C                                                              | +7.2°C           | +10°C                   | +15°C |      |      |      |                |
| Rotary | RK 5450Y          | 1/2                  | R134a       | 11.4                                                             | 414              | 609                     | 754   | 935  | 1260 | 1407 | 230V/1/50/60Hz |
|        | TRK 5450Y         | 1/2                  | R134a       | 11.4                                                             | 414              | 609                     | 754   | 935  | 1260 | 1407 | 440V/3/50Hz    |
|        | RK 5480Y          | 2/3                  | R134a       | 18.1                                                             | 430              | 990                     | 1232  | 1530 | 2056 | 2291 | 230V/1/50/60Hz |
|        | TRK 5480Y         | 2/3                  | R134a       | 18.1                                                             | 430              | 990                     | 1232  | 1530 | 2056 | 2291 | 440V/3/50Hz    |
|        | RK 5512Y          | 1                    | R134a       | 24.4                                                             | 444              | 1287                    | 1598  | 1976 | 2641 | 2931 | 230V/1/50/60Hz |
|        | TRK 5412Y         | 1                    | R134a       | 24.4                                                             | 444              | 1287                    | 1598  | 1976 | 2641 | 2931 | 440V/3/50Hz    |

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### MEDIUM/HIGH BACKPRESSURE COMPRESSORS

| TYPE   | COMPRESSOR MODELS | Nominal Power (H.P.) |                         | Refrigerant | Displacement<br>t (cm <sup>3</sup> ) | Motor<br>type | REFRIGERATION CAPACITY AT 50HZ<br>Rated @54.5°C Cond Temp (Watts) |        |        |         |         |                 | VOLTAGE |
|--------|-------------------|----------------------|-------------------------|-------------|--------------------------------------|---------------|-------------------------------------------------------------------|--------|--------|---------|---------|-----------------|---------|
|        |                   |                      | Evaporating Temperature |             |                                      |               |                                                                   |        |        |         |         |                 |         |
|        |                   |                      | -15°C                   |             |                                      |               | -9.4°C                                                            | -3.9°C | +7.2°C | +10.0°C | +12.8°C |                 |         |
|        |                   |                      |                         |             |                                      |               |                                                                   |        |        |         |         |                 |         |
| PISTON | AE3414YS          | 1/6                  | R134a                   | 4.49        | RSIR                                 | 116           | 159                                                               | 212    | 354    | 398     | 446     | 220-240V/1/50Hz |         |
|        | AE3417YS          | 1/6                  | R134a                   | 5.67        | RSIR                                 | 148           | 203                                                               | 270    | 451    | 507     | 568     | 220-240V/1/50Hz |         |
|        | AE4425YS          | 1/5                  | R134a                   | 7.57        | CSIR                                 | 221           | 303                                                               | 403    | 673    | 757     | 849     | 220-240V/1/50Hz |         |
|        | AE4430YS          | 1/4                  | R134a                   | 8.85        | CSIR                                 | 262           | 358                                                               | 477    | 796    | 896     | 1003    | 220-240V/1/50Hz |         |
|        | AE4440YS          | 1/3                  | R134a                   | 12.04       | CSIR                                 | 346           | 474                                                               | 631    | 1054   | 1186    | 1328    | 220-240V/1/50Hz |         |
|        | AE4448YS          | 3/7                  | R134a                   | 14.17       | CSIR                                 | 404           | 553                                                               | 736    | 1230   | 1383    | 1550    | 220-240V/1/50Hz |         |

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### THE NEW TWO GENERATION BRAZIL COMPRESSORS

| TYPE   | COMPRESSOR MODELS | Nominal Power ( H.P. ) |             |                                  | REFRIGERATION CAPACITY AT 50HZ<br>Rated @54.5°C Cond Temp (Watts) |       |      |     |      |      |      |      | VOLTAGE         |
|--------|-------------------|------------------------|-------------|----------------------------------|-------------------------------------------------------------------|-------|------|-----|------|------|------|------|-----------------|
|        |                   |                        | Refrigerant | Displacement ( cm <sup>3</sup> ) | Evaporating Temperature                                           |       |      |     |      |      |      |      |                 |
|        |                   |                        |             |                                  |                                                                   |       |      |     |      |      |      |      |                 |
|        |                   |                        |             |                                  |                                                                   |       |      |     |      |      |      |      |                 |
| -20°C  | -15°C             | -10°C                  | -5°C        | 0°C                              | +15°C                                                             | +10°C | +5°C |     |      |      |      |      |                 |
| PISTON | AE4425Y-FZ1A      | 1/5                    | R134a       | 6.69                             | 160                                                               | 237   | 312  | 390 | 479  | 583  | 709  | 863  | 220-240V/1/50HZ |
|        | AE4430Y-FZ1A      | 1/4                    | R134a       | 8.02                             | 239                                                               | 270   | 352  | 450 | 566  | 702  | 861  | 1045 | 220-240V/1/50HZ |
|        | AE4440Y-FZ1A      | 1/3                    | R134a       | 10.33                            | 332                                                               | 369   | 471  | 591 | 733  | 899  | 1093 | 1317 | 220-240V/1/50HZ |
|        | AE4450Y-FZ1C      | 3/8                    | R134a       | 13.24                            | 345                                                               | 478   | 620  | 778 | 957  | 1163 | 1402 | 1680 | 220-240V/1/50HZ |
|        | AE4456Y-FZ1C      | 1/2                    | R134a       | 14.51                            | 479                                                               | 534   | 682  | 854 | 1052 | 1282 | 1547 | 1853 | 220-240V/1/50HZ |
|        | AE4460Y-FZ3C      | 1/2                    | R134a       | 15.09                            | 435                                                               | 561   | 712  | 890 | 1095 | 1330 | 1594 | 1889 | 220-240V/1/50HZ |

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### MEDIUM/HIGH BACK PRESSURE COMPRESSORS

| TYPE   | COMPRESSOR<br>MODELS | Nominal Power (H.P.) | Refrigerant                        |                        |                         | REFRIGERATION CAPACITY AT 50HZ<br>Rated @54.5°C Cond Temp (Watts) |      |      |      |       |       |      | VOLTAGE         |
|--------|----------------------|----------------------|------------------------------------|------------------------|-------------------------|-------------------------------------------------------------------|------|------|------|-------|-------|------|-----------------|
|        |                      |                      | Displacement<br>(cm <sup>3</sup> ) | Oil<br>charge<br>(cm3) | Evaporating Temperature |                                                                   |      |      |      |       |       |      |                 |
|        |                      |                      |                                    |                        | -15°C                   | -10°C                                                             | -5°C | 0°C  | +5°C | +10°C | +15°C |      |                 |
|        |                      |                      |                                    |                        |                         |                                                                   |      |      |      |       |       |      |                 |
| ROTARY | RGA/HGA4467Z         | 1/2                  | R404A                              | 9.50                   | 290                     | 679                                                               | 847  | 1047 | 1283 | 1557  | 1872  | 2231 | 220-240V/1/50Hz |
|        | BGA/HGA4480Z         | 2/3                  | R404A                              | 11.50                  | 290                     | 825                                                               | 1017 | 1252 | 1530 | 1851  | 2212  | 2613 | 220-240V/1/50Hz |
|        | RGA/HGA4492Z         | 3/4                  | R404A                              | 12.50                  | 290                     | 905                                                               | 1133 | 1398 | 1706 | 2060  | 2468  | 2932 | 220-240V/1/50Hz |
|        | RGA/HGA4512Z         | 1                    | R404A                              | 16.10                  | 290                     | 1163                                                              | 1438 | 1770 | 2160 | 2609  | 3118  | 3689 | 220-240V/1/50Hz |
|        | RGA/HGA4445Y         | 1/3                  | R134a                              | 9.50                   | 290                     | 392                                                               | 493  | 618  | 770  | 954   | 1173  | 1430 | 220-240V/1/50Hz |
|        | RGA/HGA4450Y         | 2/5                  | R134a                              | 11.50                  | 290                     | 501                                                               | 625  | 778  | 963  | 1184  | 1445  | 1749 | 220-240V/1/50Hz |
|        | RGA/HGA4460Y         | 1/2                  | R134a                              | 12.70                  | 290                     | 537                                                               | 677  | 844  | 1045 | 1287  | 1576  | 1920 | 220-240V/1/50Hz |
|        | RGA/HGA4576Y         | 2/3                  | R134a                              | 16.10                  | 290                     | 696                                                               | 870  | 1086 | 1349 | 1662  | 2030  | 2457 | 220-240V/1/50Hz |

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# Embraco, Universal, EM45HHR, R134a, Refrigeration Compressor, Low, Medium & High Back Pressure, 1/8hp, Nominal Motor HP, For use with refrigerators, ice makers, frozen food cabinets, frozen food display cases, display windows, 115v

Category: compressor

written by [www.mbsm.pro](http://www.mbsm.pro) | 11 December 2021

Embraco Universal EM45HHR R134a Refrigeration Compressor. Low, Medium & High Back Pressure. 1/8 Nominal Motor HP. For use with refrigerators, ice makers, frozen food cabinets, frozen food display cases, display windows, etc.

Replaces Embraco EMI40HNR and EM45HNR and Tecumseh AEA3417YXA.

Motor: Resistive Start Inductive Run & Captive Start Inductive Run (RSIR/CSIR)

Evaporating Temperatures: -10°F to 45°F

## Product Specifications

|                          |           |
|--------------------------|-----------|
| BTU Capacity HBP:        | 1775      |
| BTU Capacity LBP & MBP:  | 420       |
| Horsepower (HP):         | 1/8       |
| Locked Rotor Amps (LRA): | 17.0      |
| Motor Type:              | RSIR/CSIR |
| Required Refrigerant :   | R134a     |
| Skill Level:             |           |
| Starting Torque:         | Normal    |
| Volts (V):               | 115       |

[Mbsm\\_dot\\_pro\\_private\\_PDF\\_EM45HHR-1Télécharger](#)

[Mbsm\\_dot\\_pro\\_private\\_PDF\\_EM45HHRTélécharger](#)

unit #  
7511

**True**®  
True Manufacturing Co., Inc.  
True Refrigeration®  
O'Fallon, MO 63366  
MADE IN THE USA

CABINET  
SERIAL  
NUMBER: **8947049**  
  
8947049



|                             |                                                                             |
|-----------------------------|-----------------------------------------------------------------------------|
| MODEL: <b>GDM - 06 - LD</b> |                                                                             |
| <b>115</b> V                | HP COMPRESSOR M/N: <b>1/8 EM45HHR</b>                                       |
| <b>60</b> Hz                | REFRIGERANT: <b>R134A</b>                                                   |
| <b>1</b> PH                 | DESIGN PRESSURES - PSIG (N/mm²)<br>HIGH SIDE <b>370</b> LOW SIDE <b>140</b> |
| <b>2.3</b> A                |                                                                             |

**DBG**

BLOWING AGENT: R611  
U.S. PATENT NUMBERS:

THIS UNIT LISTED UNDER N.E.F. NO. 7  
FOR THE STORAGE AND/OR DISPLAY OF  
PACKAGED OR BOTTLED PRODUCTS ONLY  
  



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**TRUE**

True Manufacturing Co., Inc.  
True Refrigeration <sup>TM</sup>  
O'Fallon, MO 63366  
MADE IN THE USA

CABINET  
SERIAL  
NUMBER:

**7966464**



7966464



MODEL: **TUC-24**

DESIGN PRESSURES - PSIG (N/cm<sup>2</sup>)

HIGH SIDE **312**

LOW SIDE **140**

REFRIG UNIT:  
**EM45HHR**

CHARGE  
REFRIGERANT: **R134A**

**4 OZ. (g)**

| HP         | VOLTAGE    | HZ        | PH       | F.L. AMPS  |
|------------|------------|-----------|----------|------------|
| <b>1/8</b> | <b>115</b> | <b>60</b> | <b>1</b> | <b>2.5</b> |

**BBE**

THIS UNIT LISTED UNDER N.S.F. NO. 7

U.S. PATENT NUMBERS:  
5,553,354/5,433,082/5,699,676  
D273,298/D271,107/5,584,547  
6,792,769



LISTED  
COMMERCIAL  
REFRIGERATION  
EQUIPMENT



DO NOT CLEAN LABEL WITH SOLVENT  
**DRI**

Intended for use in rooms  
with an ambient temperature  
of 86 (30C) or less



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# Approximate base metal temperature

Category: Technologie

written by [www.mbsm.pro](http://www.mbsm.pro) | 11 December 2021

approximate base metal temperature

التمييز بين درجات حرارة المعدن خلال عملية التلحيم

#mbsmpro



## CNC Machining

Category: Programmation,Technologie

written by [www.mbsm.pro](http://www.mbsm.pro) | 11 December 2021

<https://www.cnccode.com>

# What is CNC Machining?



CNC machining can be defined as a process in which pre-programmed computer software dictates the movement of factory machinery and tools. As a result, manufacturers can produce parts in less time, reduce waste and eliminate the risk of human error.

This manufacturing process is used to control a wide variety of complex machinery, which will be discussed in this article. Essentially, CNC machining makes it possible for three-dimensional cutting to be completed by following one set of prompts.

## The Different Types of CNC Machines

CNC machines are designed to manufacture a wide variety of items. As such, there are several different types of commonly used CNC machines.

It's important to know that these are not your average machines. They require the skills of a trained professional to be able to produce high quality commercial products. All of the following machines use G-code, which is the language that a CNC machine understands. Each type of CNC machine caters to a specific purpose.

### CNC Milling Machine

One of the most common types of CNC machines, a CNC mill utilizes computer controls to cut various materials. Mills can translate specific programs of numbers and letters in order to move the spindle in various ways.

Many mills use what is known as G-code, which, as mentioned, is a standardized programming language recognized by most CNC machines. A CNC mill can have a wide

array of functions, such as face milling, shoulder milling, tapping, drilling and turning. Most CNC mills come in three to six-axis configurations. A CNC mill is very large compared to other tools and can be quite costly. Some CNC milling machine manufacturers include Okuma, HAAS and DMG Mori.

## CNC Lathe

A lathe is a CNC machine that functions to cut work pieces as they are rotated. CNC lathes can make precise cuts quickly by using various tools.

These CNC machines are quite effective in the precision they offer compared to manual lathes. They often have fewer axes than CNC milling machines, and are therefore smaller in size and more compact.

CNC lathes come with similar controls to those of CNC mills and can read both G-code and other proprietary programming languages. Some of the most common CNC lathe machine manufacturers include HAAS, Mori Seiki and Okuma. The framework of CNC lathes is similar to manual lathes.

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## Réfrigérant Pressure Détails, Pression de Recharge Gaz, ضغوطات غاز, التبريد عند الشحن

Category: Arabe,Chaud&Froid

written by [www.mbsm.pro](http://www.mbsm.pro) | 11 December 2021

Réfrigérant Pressure Détails

# Refrigerant Pressure Details

By ACTech /All AC Error code

| Refrigerant Name | Standing Pressure | Suction Pressure             | Discharge Pressure | Chemical name                                                         | Boiling Point                      |
|------------------|-------------------|------------------------------|--------------------|-----------------------------------------------------------------------|------------------------------------|
| <b>R 22</b>      | 150 – 160 psi     | 60 – 70 psi                  | 250 – 300 psi      | Chlorodifluoromethane<br>CHClF <sub>2</sub>                           | -40.7 °C (-41.3 °F;<br>232.5 K)    |
| <b>R134A</b>     | 80 – 90 psi       | 12 – 18 psi<br>Refrigeration | 140 psi            | Tetrafluoroethane<br>CF <sub>3</sub> CH <sub>2</sub> F                | -26.3 °C (-15.3 °F;<br>246.8 K)    |
| <b>R600A</b>     | 40 psi            | Below 0 psi<br>(In Vacuum)   | 150 psi            | Isobutane<br>(CH <sub>3</sub> ) <sub>3</sub>                          | -11.7 °C (10.9 °F;<br>261.4 K)     |
| <b>R32</b>       | 245 -255 psi      | 110 to 120 psi               | 300 – 350 psi      | Difluoromethane<br>CH <sub>2</sub> F <sub>2</sub>                     | -52 °C (-62 °F; 221 K)             |
| <b>R290</b>      | 130 -135 psi      | 65 – 70 psi                  | 275 – 300 psi      | Propane<br>C <sub>3</sub> H <sub>8</sub>                              | -42.25 C; (-44.05 °F;<br>230.90 K) |
| <b>R407C</b>     | 180 -190 psi      | 75 – 80 psi                  | 280 -300 psi       | Mixture<br>of hydrofluorocarbons<br>R-32/125/134a<br>(23±2/25±2/52±2) | -43.8 °C                           |
| <b>R404A</b>     | 180 -185 psi      | 85 – 90 psi                  | 275 – 295 psi      | HFC "nearly azeotropic"<br>R-125/143a/134a<br>(44±2/52±1/4±2)         | -46.5 °C                           |
| <b>R417A</b>     | 140 psi           | 65 psi                       | 270 psi            | Mixture of<br>R-125/134a/600<br>(79±1/18.3±1/2.7±.1,-.5)              | -39 °C                             |
| <b>R410A</b>     | 230 – 250 psi     | 110 – 125 psi                | 450 – 510 psi      | Mixture of<br>R-32/125<br>(50±.5,-1.5/50±1.5,-.5)                     | -51.4 °C                           |

# Fully4World

Some Refrigerant Standing, Suction, Discharge Pressure & Boiling Temperature List.

| Refrigerant Name | Standing Pressure | Suction Pressure | Discharge Pressure | Boiling Temp |
|------------------|-------------------|------------------|--------------------|--------------|
| R-22             | 150-155 psi       | 60-70 psi        | 250-300 psi        | -40.8 C      |
| R-410a           | 225-230 psi       | 120-130 psi      | 450-500 psi        | -51.4 C      |
| R-134a           | 85-95 psi         | 12-15 psi        |                    | -26.2 C      |
| R-600a           | 40-50 psi         | Below 0-1 psi    |                    | -11.7 C      |
| R-32             | 240-245 psi       | 110-115 psi      |                    | -52.0 C      |
| R-290            | 125-130 psi       | 65-70 psi        | 275-300 psi        | -42.1 C      |
| R-407c           | 180-185 psi       | 75-80 psi        | 275-300 psi        | -45.0 C      |
| R-404a           | 180-185 psi       | 80-90 psi        |                    | -46.2 C      |
| R-417            | 140 psi           | 65 psi           | 261 psi            |              |