



## **Nuggeteisbereiter, Wasserk., 440 kg/24 h, ohne Speicher**

Artikel-Nr.  
711084 (TM450W)

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### **Explosionszeichnung / Ersatzteile**

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Bitte bei Ersatzteilbestellung immer Artikelnummer und  
Seriennummer mit angeben!



# TM 450

## LIST OF THE EXPLODED VIEWS

2° version - From s/n. 658903



SHELL ASSY

COOLING SYSTEM

EVAPORATOR

HYDRAULIC CIRCUIT

ELECTRIC PARTS

1° version - Till s/n. 658902



SHELL ASSY

COOLING SYSTEM

EVAPORATOR

HYDRAULIC CIRCUIT

ELECTRIC PARTS

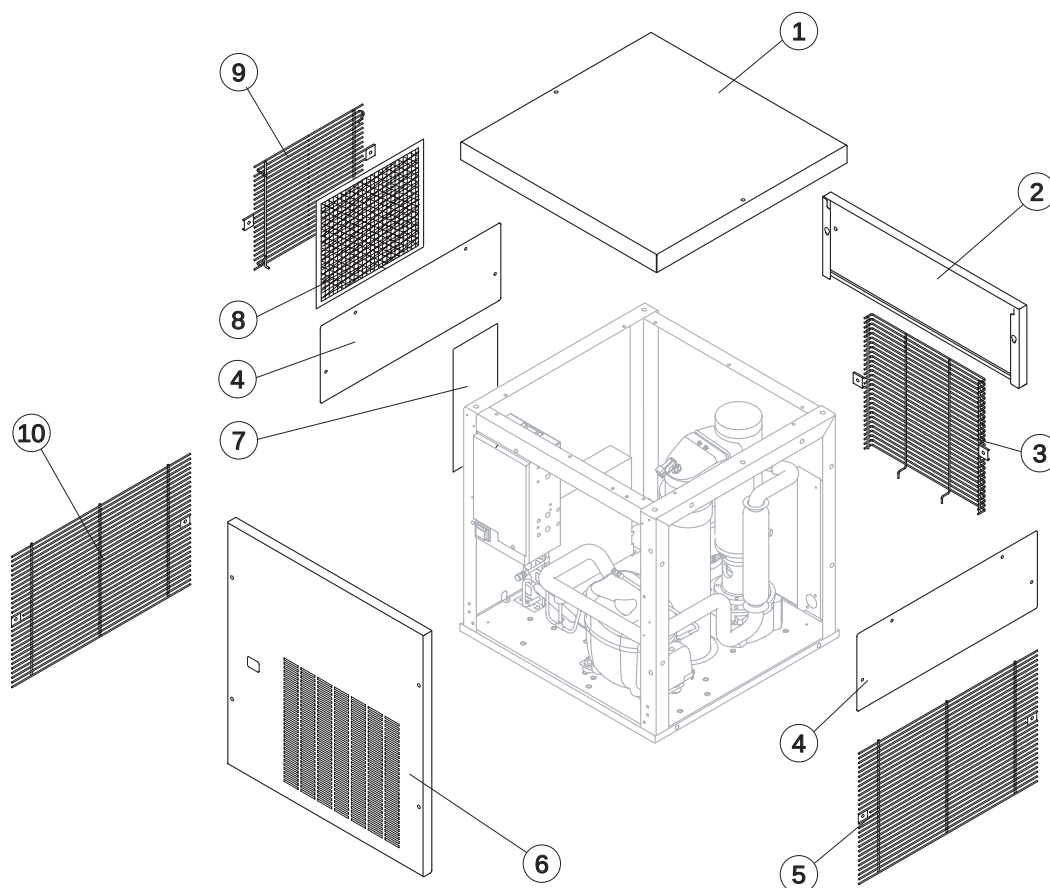
Rev. 9 - 25/05/2018



# TM 450

2° Version From s/n. 658903

## SHELL ASSY



### Common Parts

| Ref. | Spare Description     | Code   |
|------|-----------------------|--------|
| 1    | Top                   | 221518 |
| 2    | Back Panel            | 221513 |
| 3    | Back Grill            | D12091 |
| 4    | Right/Left Side Panel | 221515 |
| 5    | Right Side Grill      | D12092 |
| 6    | Front Panel           | 221511 |

### Parts for Air-Cooled Version Only

| Ref. | Spare Description     | Code   |
|------|-----------------------|--------|
| 7    | Lower Left Side Panel | 221517 |
| 8*   | Filter                | 18246  |
| 9    | Left Side Grill       | D12093 |

### Parts for Water-Cooled Version Only

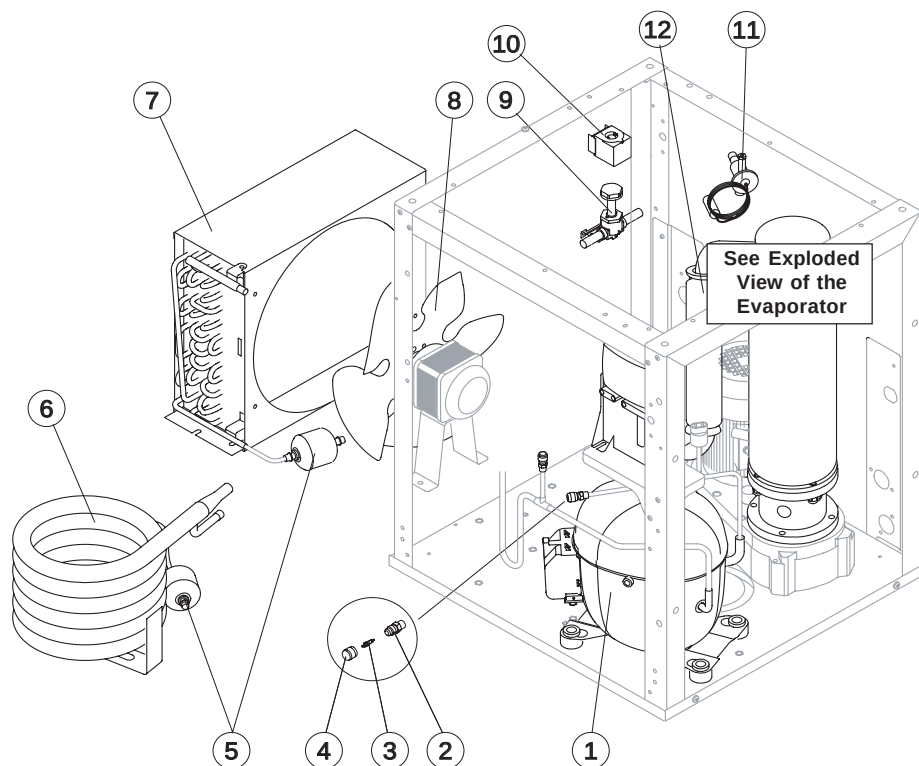
| Ref. | Spare Description | Code   |
|------|-------------------|--------|
| 10   | Left Side Grill   | D12092 |



# TM 450

2° Version From s/n. 658903

## COOLING SYSTEM



### Common Parts

| Ref. | Spare Description          | Code                                      |
|------|----------------------------|-------------------------------------------|
| 1    | Compressor                 | See Table                                 |
| 2    | Vacuum-Charge Valve Body   | 14007                                     |
| 3*   | Vacuum-Charge Valve Device | 14005                                     |
| 4*   | Vacuum-Charge Valve Plug   | 14006                                     |
| 5*   | Solid Core Drier           | 14084                                     |
| 9    | Hot Gas Valve Body         | 20409                                     |
| 10   | Hot Gas Valve Coil         | 231294                                    |
| 11   | Expansion Valve            | 201004                                    |
| 12   | Suction Line               | for the spare parts code give us the s/n. |

### Parts for Air-Cooled Version Only

| Ref. | Spare Description | Code  |
|------|-------------------|-------|
| 7    | Air Condenser     | 20675 |
| 8    | Sucking Fan       | 20407 |

### Parts for Water-Cooled Version Only

| Ref. | Spare Description | Code  |
|------|-------------------|-------|
| 6    | Water Condenser   | 14678 |

### Rif. 1 - Compressor

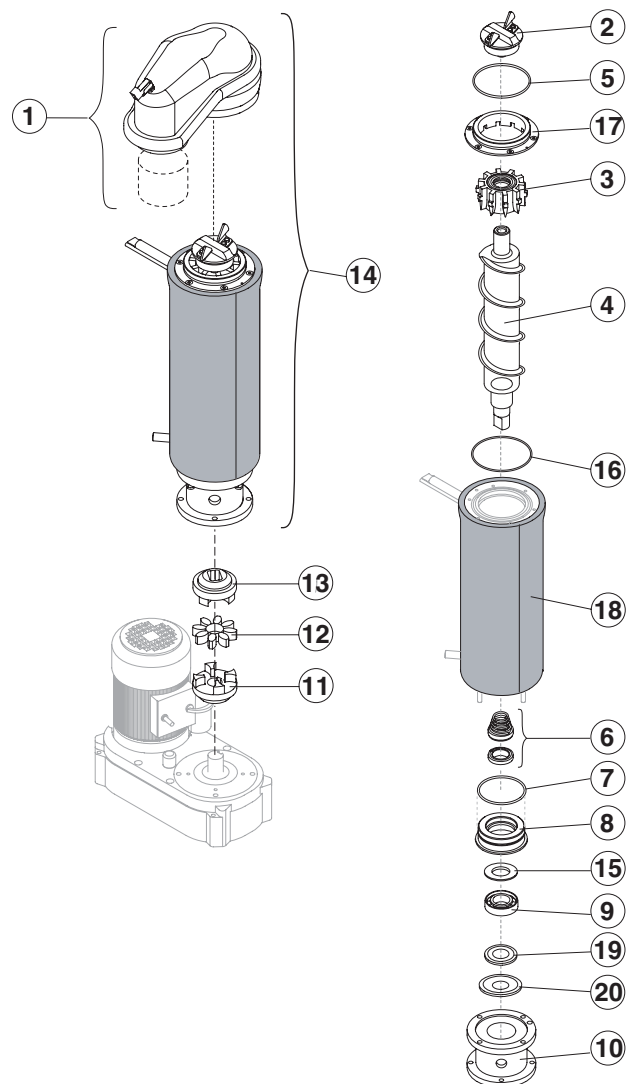
| Voltage | Code   |
|---------|--------|
| T11     | 231118 |
| T12     | 231121 |



# TM 450

2° Version From s/n. 658903

## EVAPORATOR



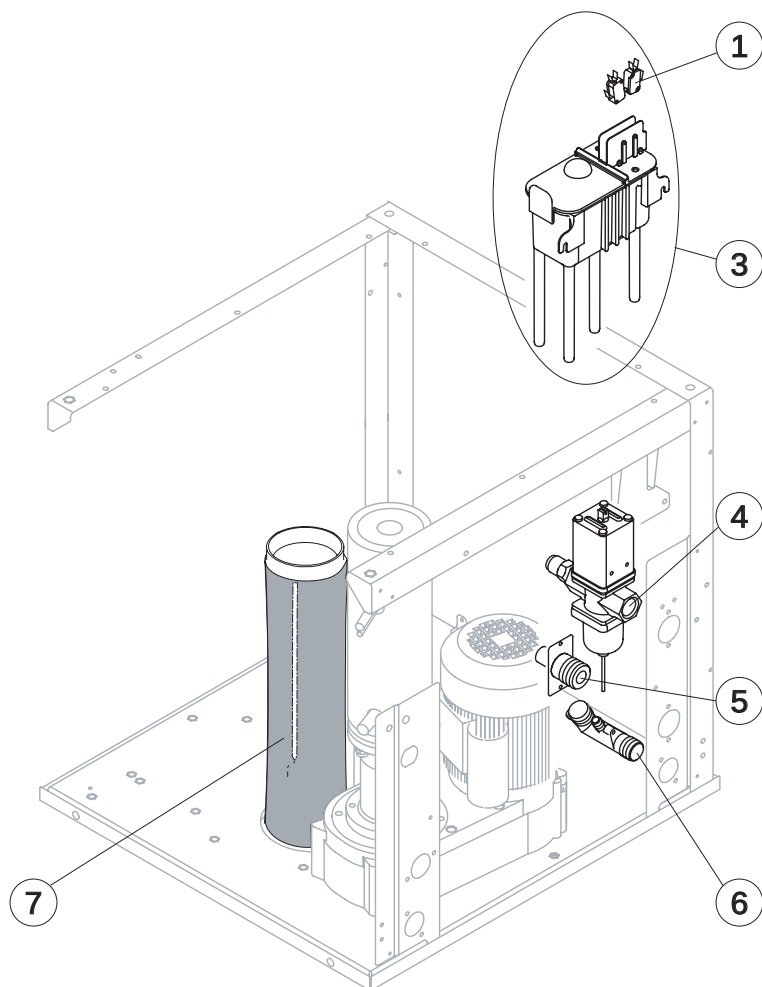
| Ref. | Spare Description           | Current Version                   | Code    |
|------|-----------------------------|-----------------------------------|---------|
| 1    | Ice Exhaust with Micro Assy | Current Version                   | C11217  |
| 1    | Ice Exhaust with Micro Assy | Till s/n. 711767                  | RC11221 |
| 2    | Ice Breaker                 | Current Version                   | C20948  |
| 2    | Ice Breaker                 | Till s/n. 711767                  | 20948   |
| 3    | Extruder with bearings      |                                   | C201013 |
| 4    | Auger                       |                                   | 201015  |
| 5    | OR Gasket 4400              |                                   | 20955   |
| 6    | Ceramic Seal                |                                   | 20643   |
| 7    | OR Gasket 4312 NBR70        |                                   | 20205   |
| 8    | Reduction Ring              |                                   | 201016  |
| 9    | Bearing                     |                                   | 201017  |
| 10   | Flange                      | Current Version                   | 20644   |
| 10   | Flange                      | From s/n. 786339 till s/n. 889950 | R20644  |
| 10   | Flange                      | Till s/n. 786338                  | 20644   |
| 11   | Lower Joint                 |                                   | D20493  |
| 12   | Elastomer                   |                                   | 20494   |
| 13   | Upper Joint                 |                                   | D20642  |
| 14   | Evaporator Assy             |                                   | C11219  |
| 15   | Nilos Ring                  |                                   | 201115  |
| 16   | OR Gasket 3425              |                                   | 201019  |
| 17   | Extruder cover              |                                   | 201014  |
| 18   | Insulating Cap              |                                   | 18215   |
| 19   | Lower Nilos Ring            | From s/n. 786339 till s/n. 889950 | R20644  |
| 20   | Lower Support Ring          | From s/n. 786339 till s/n. 889950 | R20644  |



# TM 450

2° Version From s/n. 658903

## HYDRAULIC CIRCUIT



### Common Parts

| Ref. | Spare Description                     | Code                    |
|------|---------------------------------------|-------------------------|
| 1    | Microswitch                           | 23055                   |
| 3*   | Double Switch Basin Assembly          | C10686                  |
| 6    | Discharges Manifold                   | 10579                   |
| 7    | Ice Outlet Pipe with Bin bulbo holder | Current Version C10747  |
| 7    | Ice Outlet Pipe with Bin bulbo holder | Till s/n. 711767 C10620 |

### Parts for Water-Cooled Version Only

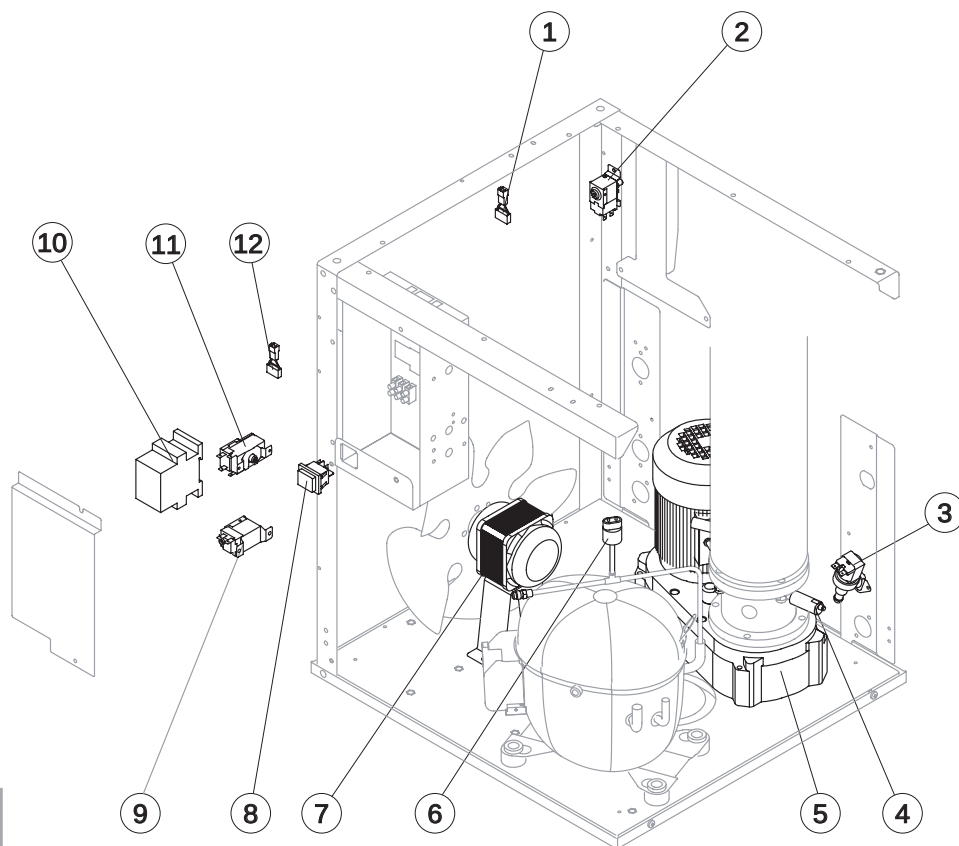
| Ref. | Spare Description               | Code   |
|------|---------------------------------|--------|
| 4    | Water regulating valve assembly | C20967 |
| 5    | Drain manifold                  | 20984  |



# TM 450

2° Version From s/n. 658903

## ELECTRIC PARTS



### Common Parts

| Ref. | Spare Description                  | Code      |
|------|------------------------------------|-----------|
| 1    | Anti Radio Interference Filter T11 | C23457    |
| 2    | Safety Pressure Switch             | 23342     |
| 3*   | 1 Way- Water Inlet Valve           | 23115     |
| 4    | Rotation Sensor                    | R231028   |
| 5    | Gearmotor                          | 23638     |
| 6    | Low pressure safety switch         | 23909     |
| 8*   | Green Light Switch (On-Off)        | 23327     |
| 10   | Contactor                          | See Table |
| 11*  | Bin Thermostat                     | R231035   |

### Parts for Air-Cooled Version Only

| Ref. | Spare Description             | Code   |
|------|-------------------------------|--------|
| 7*   | Fan Motor                     | 23121  |
| 9*   | Pressostato Condensatore      | 23175  |
| 12   | Condenser Pressure Switch T11 | C23459 |

### Rif. 10\* - Contactor

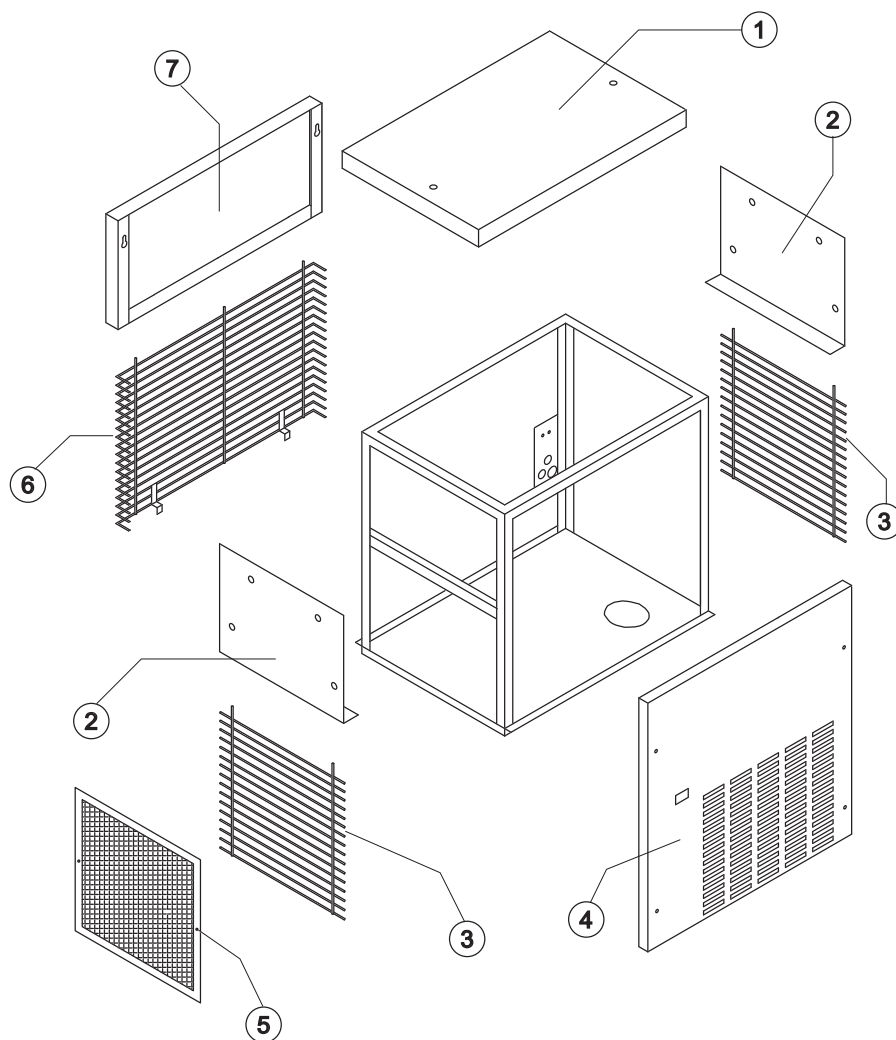
| Voltage | Code  |
|---------|-------|
| T11     | 23147 |
| T12     | 23963 |



# TM 450

1° Version Till s/n. 658902

## SHELL ASSY



### Common Parts

| Ref. | Spare Description     | Code   |
|------|-----------------------|--------|
| 1    | Top                   | 221122 |
| 2    | Right/Left Side Panel | 22663  |
| 3    | Lateral Grid          | D12061 |
| 4    | Front Panel Assembly  | 221138 |
| 6    | Rear Grid             | D12060 |
| 7    | Rear Panel            | 22665  |

### Parts for Air-Cooled Version Only

| Ref. | Spare Description | Code  |
|------|-------------------|-------|
| 5*   | Filter            | 18163 |

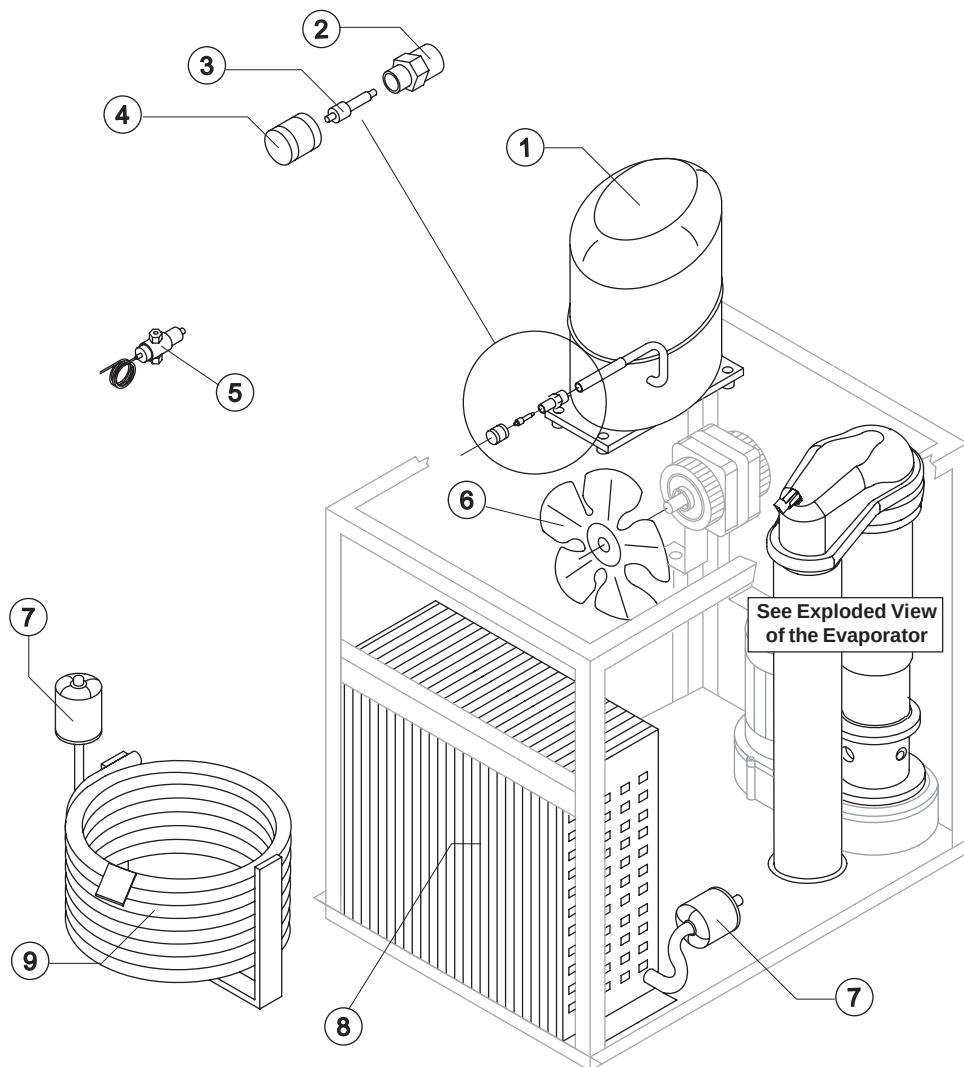




# TM 450

1° Version Till s/n. 658902

## COOLING SYSTEM



### Common Parts

| Ref. | Spare Description          | Code      |
|------|----------------------------|-----------|
| 1    | Compressor                 | See Table |
| 2    | Vacuum-Charge Valve Body   | 14007     |
| 3*   | Vacuum-Charge Valve Device | 14005     |
| 4*   | Vacuum-Charge Valve Plug   | 14006     |
| 7*   | Solid Core Drier           | 14084     |

### Parts for Air-Cooled Version Only

| Ref. | Spare Description | Code  |
|------|-------------------|-------|
| 6    | Sucking Fan       | 20407 |
| 8    | Air Condenser     | 20675 |

### Parts for Water-Cooled Version Only

| Ref. | Spare Description  | Code  |
|------|--------------------|-------|
| 5    | Pressostatic Valve | 20210 |
| 6    | Sucking Fan        | 10213 |
| 9    | Water Condenser    | 14507 |

### Ref. 1 - Compressor

| Voltage | Code   |
|---------|--------|
| T11     | 231118 |
| T15     | 23999  |



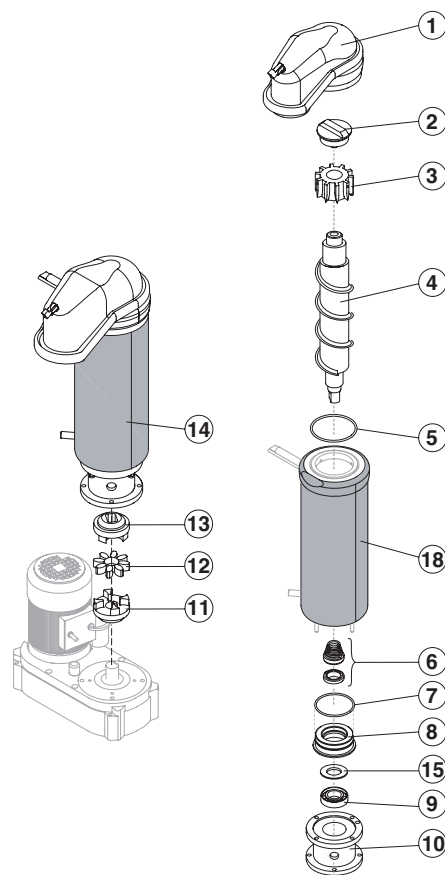
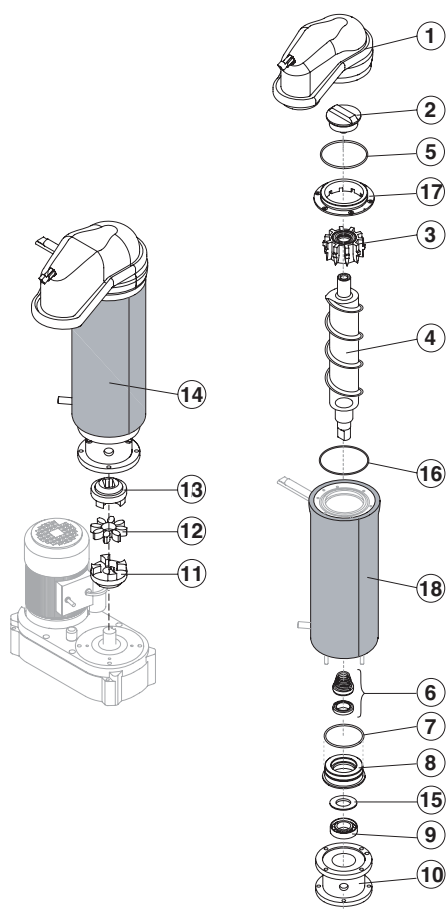
# TM 450

1° Version Till s/n. 658902

## EVAPORATOR

Current Version

Till s/n. 585283



| Ref. | Spare Description (Current Version) | Code    |
|------|-------------------------------------|---------|
| 1    | Ice Exhaust with Micro Assy         | C11169  |
| 2    | Ice Breaker                         | 20948   |
| 3    | Extruder with bearings              | C201013 |
| 4    | Auger                               | 201015  |
| 5    | OR Gasket 4400                      | 20955   |
| 6    | Ceramic Seal                        | 20643   |
| 7    | OR Gasket 4312 NBR70                | 20205   |
| 8    | Reduction Ring                      | 201016  |
| 9    | Bearing                             | 201017  |
| 10   | Flange                              | 20644   |
| 11   | Lower Joint                         | D20493  |
| 12   | Elastomer                           | 20494   |
| 13   | Upper Joint                         | D20642  |
| 14   | Evaporator Assy                     | C11171  |
| 15   | Nilos Ring                          | 201115  |
| 16   | OR Gasket 3425                      | 201019  |
| 17   | Extruder cover                      | 201014  |
| 18   | Insulating Cap                      | 18215   |

| Ref. | Spare Description (Till s/n. 585253) | Code                      |
|------|--------------------------------------|---------------------------|
| 1    | Ice Exhaust with Micro Assy          | C11163                    |
| 2    | Ice Breaker                          | 20948                     |
| 3    | Extruder with bushing                | C20949                    |
| 4    | Auger                                | 20947                     |
| 5    | OR Gasket 4400                       | 20955                     |
| 6    | Ceramic Seal                         | 20643                     |
| 7    | OR Gasket 4312 NBR70                 | 20205                     |
| 8    | Reduction Ring                       | 20647                     |
| 9    | Bearing                              | 20954                     |
| 10   | Flange                               | 20644                     |
| 11   | Lower Joint                          | D20493                    |
| 12   | Elastomer                            | 20494                     |
| 13   | Upper Joint                          | D20642                    |
| 14   | Evaporator Assy                      | C11160                    |
| 15   | Nilos Ring                           | From s/n. 519637<br>20996 |
| 18   | Insulating Cap                       | 18215                     |

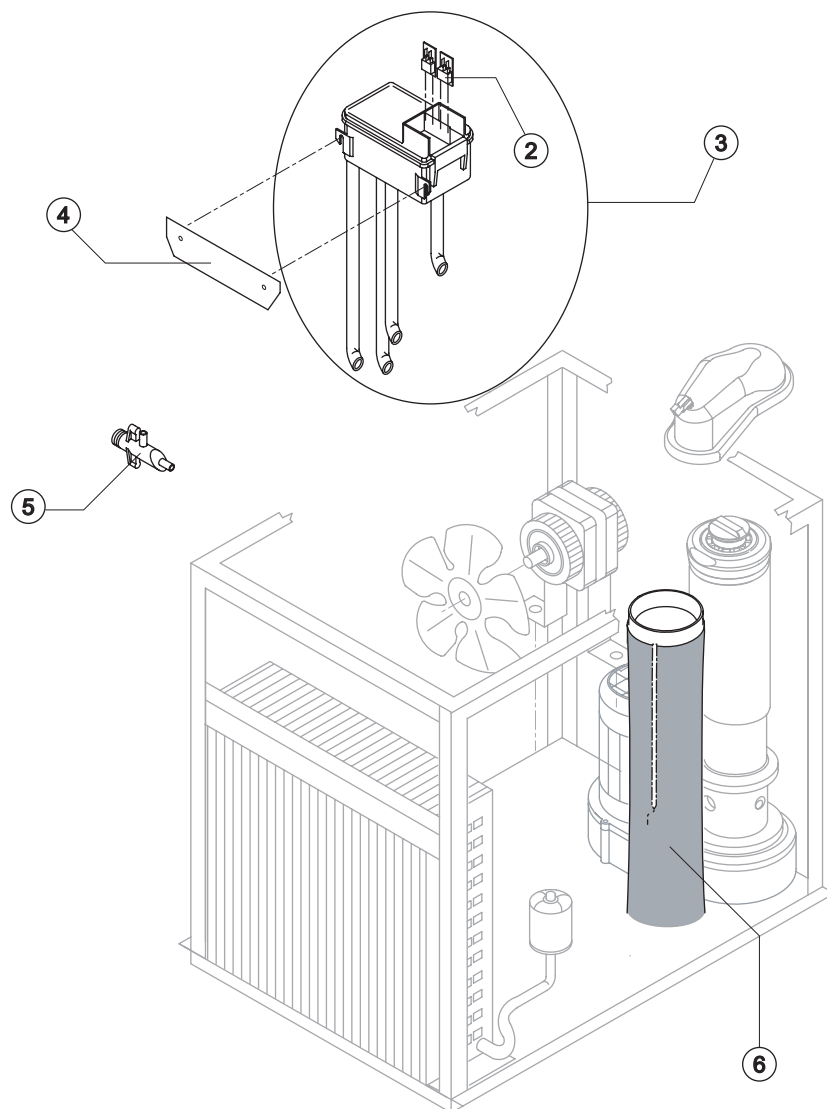
Rev. 9 - 25/05/2018



# TM 450

1° Version Till s/n. 658902

## HYDRAULIC CIRCUIT



### Common Parts

| Ref. | Spare Description            | Code                    |
|------|------------------------------|-------------------------|
| 2    | Microswitch                  | 23055                   |
| 3*   | Double Switch Basin Assembly | C10314                  |
| 4    | Basin Support Plate          | 21133                   |
| 6    | Ice Outlet Pipe Assy         | Current Version C10620  |
| 6    | Ice Outlet Pipe Assy         | Till s/n. 606127 C10592 |

### Parts for Air-Cooled Version Only

| Ref. | Spare Description   | Code  |
|------|---------------------|-------|
| 5    | Discharges Manifold | 10579 |

### Parts for Water-Cooled Version Only

| Ref. | Spare Description   | Code   |
|------|---------------------|--------|
| 5    | Discharges Manifold | C10053 |



# TM 450

1° Version Till s/n. 658902

## ELECTRIC PARTS

### Common Parts

| Ref. | Spare Description              | Code                    |
|------|--------------------------------|-------------------------|
| 1    | Anti Radio Interference Filter | C23457                  |
| 3*   | 1 Way- Water Inlet Valve       | 23115                   |
| 4*   | Rotation Sensor                | R231028                 |
| 5*   | Bin Thermostat                 | Current Version R231035 |
| 5*   | Bin Thermostat                 | Till s/n. 606127 R23421 |
| 8*   | Contactor                      | 23147                   |
| 9*   | Green Light Switch (On-Off)    | 23327                   |
| 10   | Gearmotor                      | 23638                   |
| 11   | Low pressure safety switch     | 23909                   |
| 12   | Safety Pressure Switch         | 23342                   |

### Parts for Air-Cooled Version Only

| Ref. | Spare Description              | Code   |
|------|--------------------------------|--------|
| 6*   | Condenser Pressure Switch      | 23175  |
| 7    | Anti Radio Interference Filter | C23459 |
| 13*  | Fan Motor                      | 23121  |

### Parts for Water-Cooled Version Only

| Ref. | Spare Description         | Code  |
|------|---------------------------|-------|
| 2*   | 1 Way- Water Inlet Nipple | 10368 |
| 13*  | Fan Motor                 | 23029 |

