

07/2018

# **Mod: ICE280MAS-R2**

**Production code: G280A HC**



**Diamond**  
catering equipment



**G 280**

# LIST OF THE EXPLODED VIEWS



*SHELL ASSY*

*COOLING SYSTEM*

*EVAPORATOR*

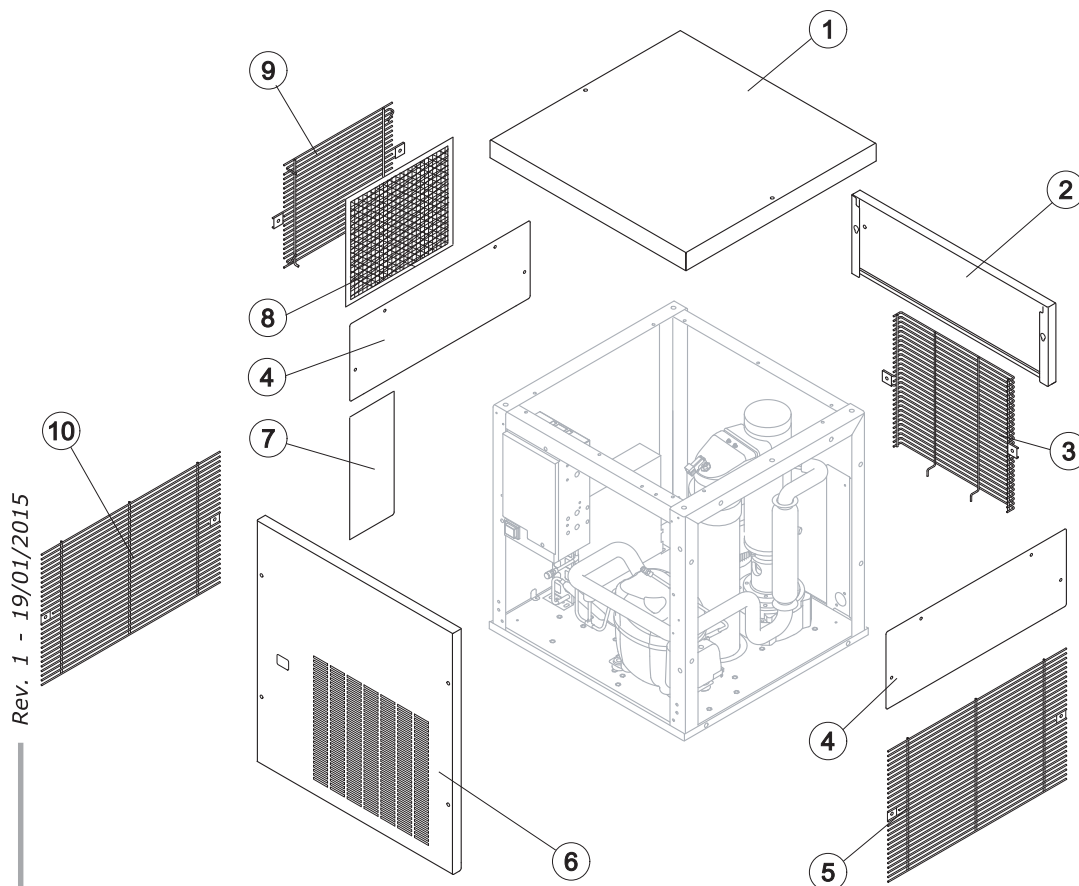
*HYDRAULIC CIRCUIT*

*ELECTRIC PARTS*



# G280

## SHELL ASSY



### Common Parts

| Ref. | Spare Description | Code   |
|------|-------------------|--------|
| 1    | Top               | 221518 |
| 2    | Back Panel        | 221513 |
| 3    | Back Grill        | D12091 |
| 4    | 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 |

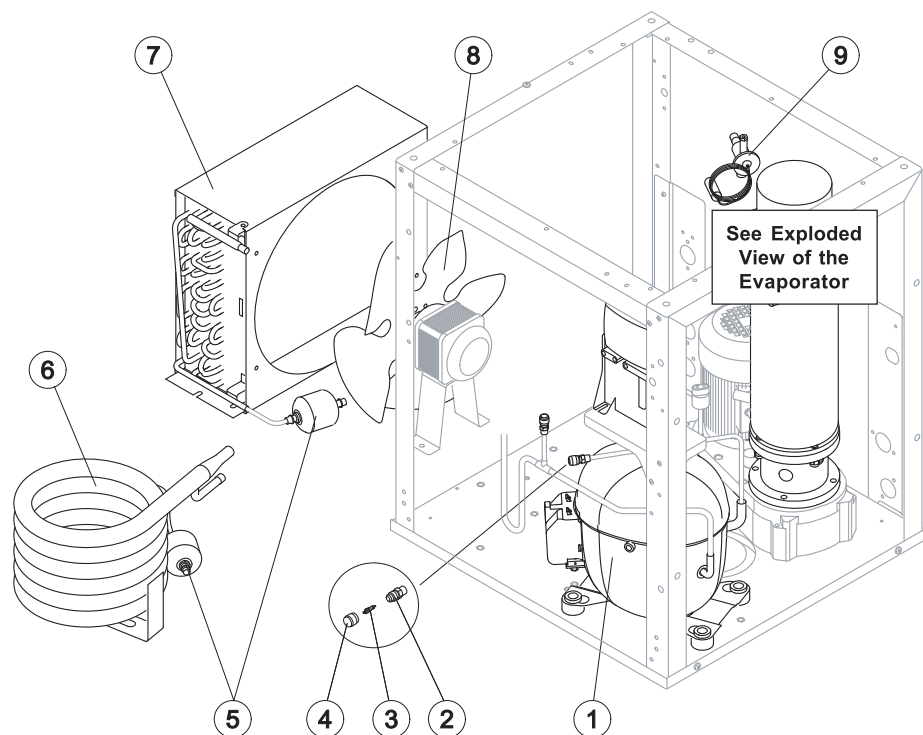
### Parts for Water-Cooled Version Only

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



# G280

## 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*   | Molecular Drier            | 14089     |
| 9    | Expansion Valve            | 20991     |

### Parts for Air-Cooled Version Only

| Ref. | Spare Description | Code  |
|------|-------------------|-------|
| 7    | Air Condenser     | 20924 |
| 8    | Sucking Fan       | 20407 |

### Parts for Water-Cooled Version Only

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

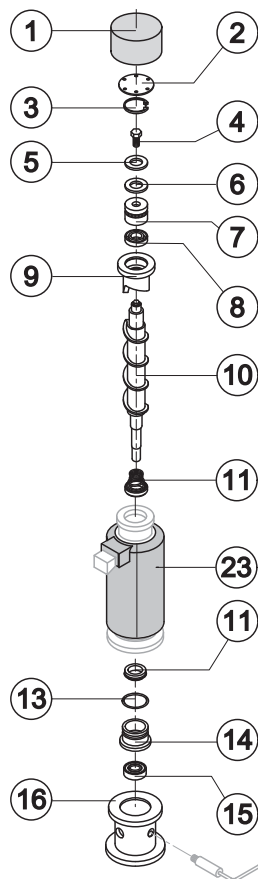
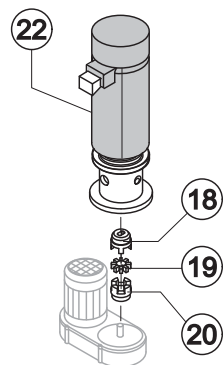
### Rif. 1 - Compressor

| Voltage | Code  |
|---------|-------|
| T11     | 23986 |
| T12     | 23964 |



# G 280

## EVAPORATOR

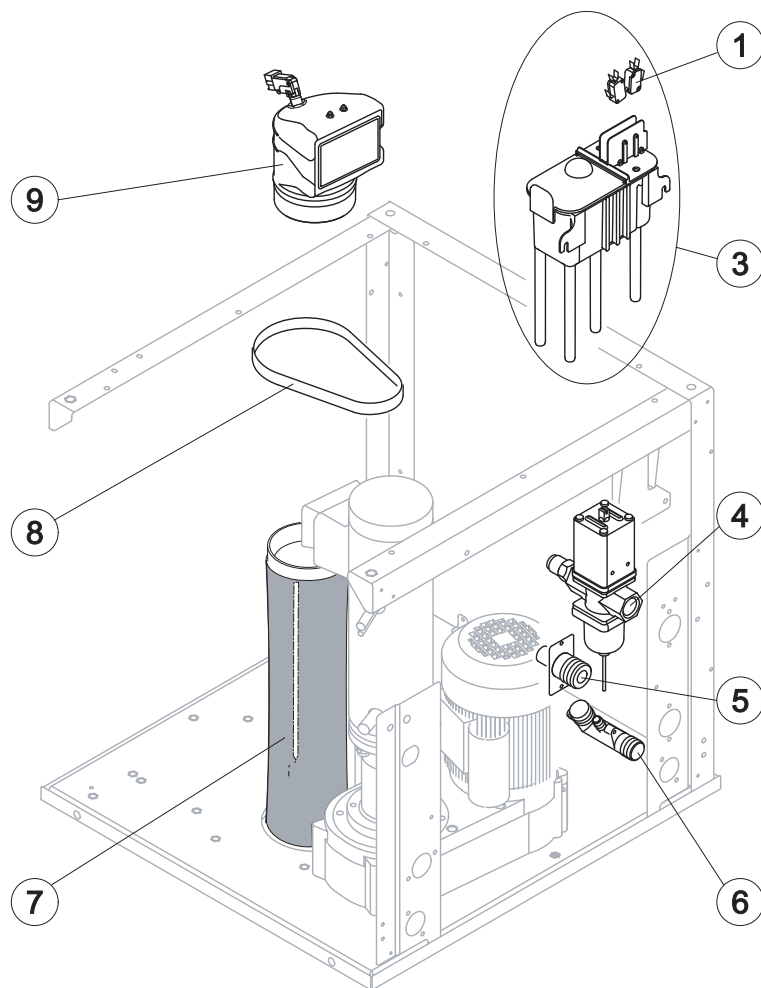


| Ref. | Spare Description              | Code   |
|------|--------------------------------|--------|
| 1    | Insulating Cap                 | 18167  |
| 2    | Closing Disk                   | 22649  |
| 3    | Seeger                         | 20116  |
| 4    | Stainless Steel Screw          | 20664  |
| 5    | Shimming Disk                  | 22829  |
| 6    | Self-Lubricating Disk          | 20639  |
| 7    | Stainless Steel Thrust Bearing | 20685  |
| 8    | OR Gasket 4137                 | 20689  |
| 9    | Ice Breaker                    | 20683  |
| 10   | Auger                          | 20684  |
| 11   | Ceramic Seal                   | 20633  |
| 13   | OR Gasket 3218 NBR             | 20655  |
| 14   | Reduction Ring                 | 20659  |
| 15   | Stainless Steel Bearing        | 20112  |
| 16   | Flange                         | 20644  |
| 18   | Semi-Joint Upper               | D20654 |
| 19   | Vibration-Damping Elastomer    | 20494  |
| 20   | Semi-Joint Lower               | D20493 |
| 22   | Evaporator Assy                | C11114 |
| 23   | Insulating Cap                 | 18182  |



# G 280

## HYDRAULIC CIRCUIT



### Common Parts

| Ref. | Spare Description                    | Code   |
|------|--------------------------------------|--------|
| 1    | Microswitch                          | 23055  |
| 3*   | Double Switch Basin Assembly         | C10685 |
| 6    | Discharges Manifold                  | 10579  |
| 7    | Ice Outlet Pipe with Bin Bulb Holder | C10656 |
| 8    | Locking Exhaust Strip                | 25049  |
| 9*   | Ice Exhaust with micro Assy          | C10585 |

### Parts for Water-Cooled Version Only

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



# G280

## ELECTRIC PARTS

### Common Parts

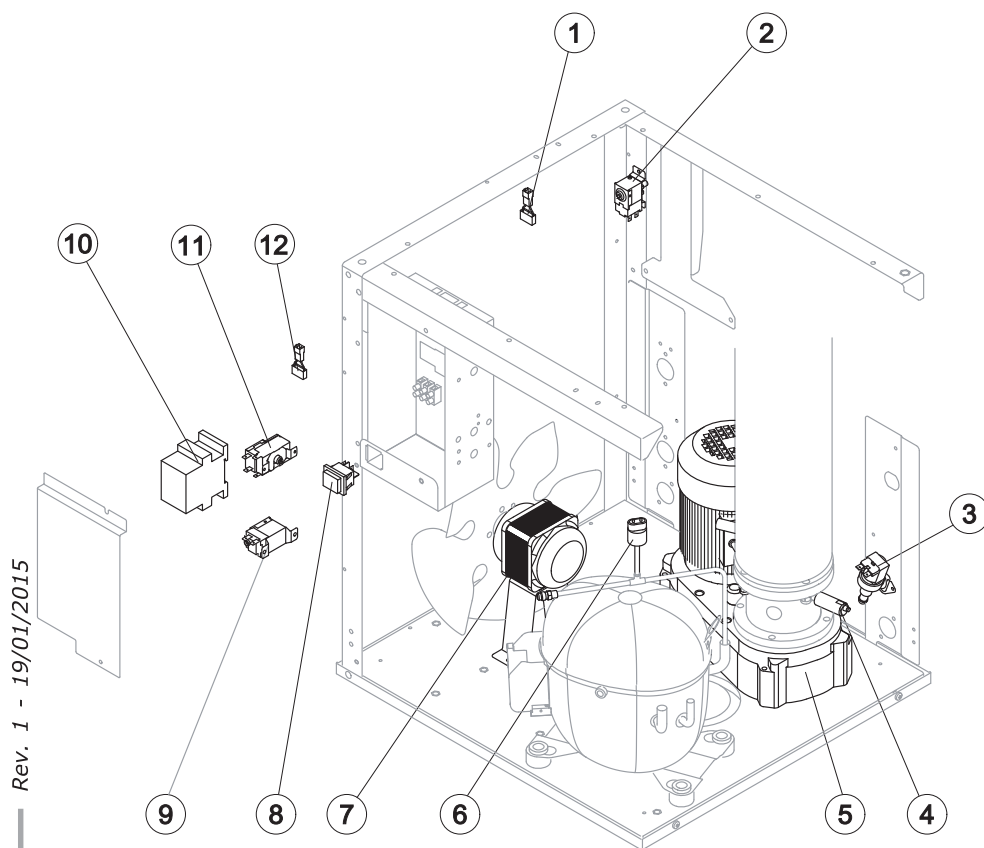
| Ref. | Spare Description                  | Code      |
|------|------------------------------------|-----------|
| 1    | Anti Radio Interference Filter T11 | C23457    |
| 2    | Safety Pressure-Switch             | 23342     |
| 3*   | 1 Way- Water Inlet Valve           | 23115     |
| 4    | Rotation Sensor                    | R231028   |
| 5    | Gearmotor                          | 231030    |
| 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*   | Condenser Pressure Switch          | 23175  |
| 12   | Anti Radio Interference Filter T11 | C23459 |

### Rif. 10\* - Contactor

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



Rev. 1 - 19/01/2015