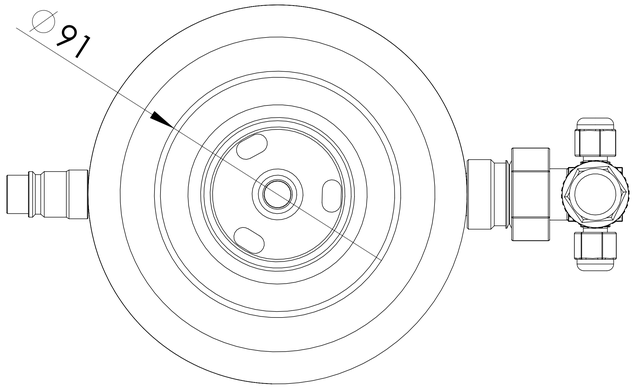


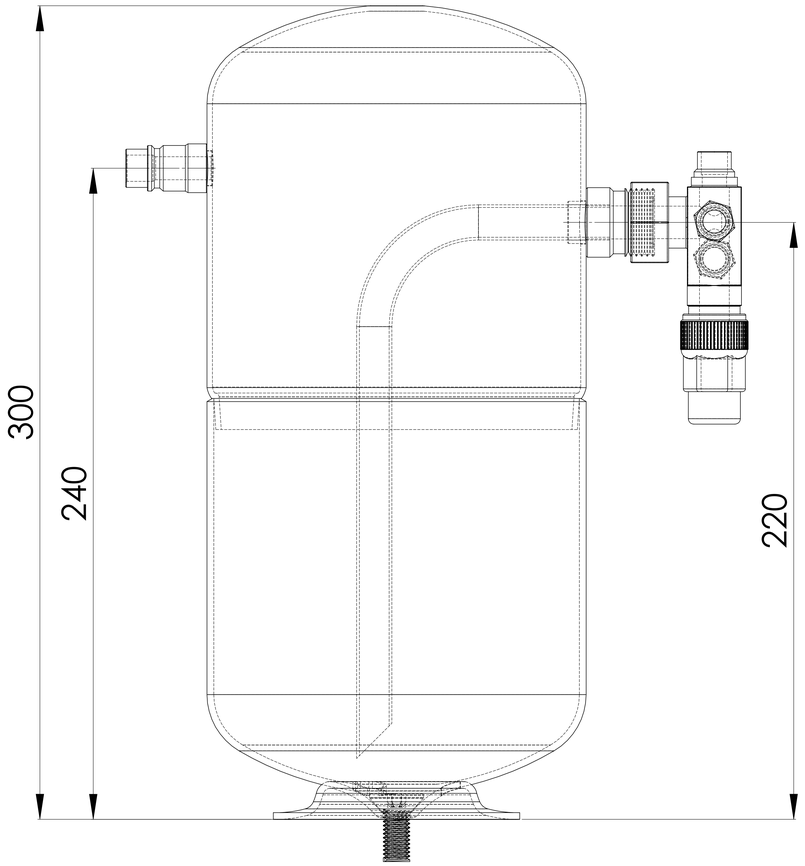


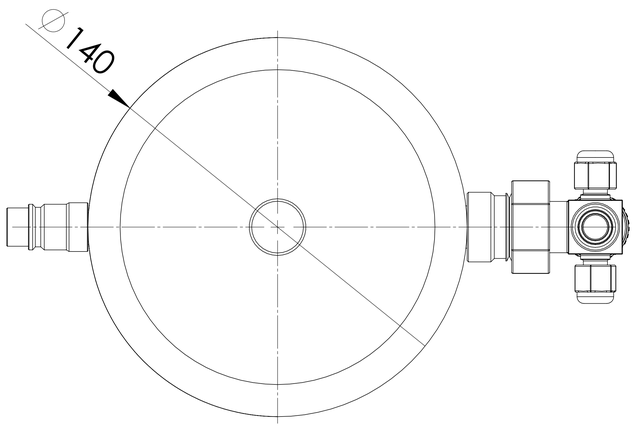


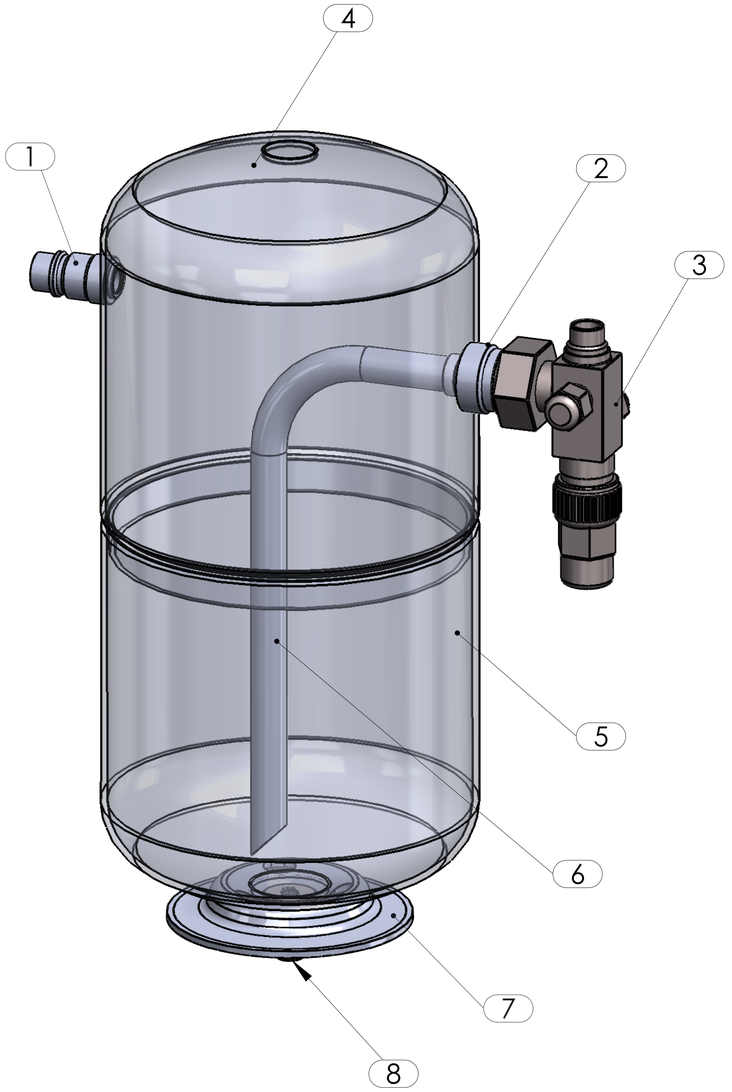



**GÜVEN SOĞUTMA ÜNİTELERİ SAN. VE TİC. A.Ş.**

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SINCE 1985
REFRIGERATION COMPONENTS


| | |
|---|---|
| **GVN STANDART PRODUCT** | **Customer** |
| **VERTICAL LIQUID RECEIVER** | **Product** |
| **VLR.A.33b.04.B2.C2** | **Code** |
| | **Customer Code** |

| **DESIGN DATA** | |
|---|---|
| **Capacity [Lt.]** | 4 Lt. |
| **Design Pressure [PS]** | 33 Bar |
| **Pneumatic Test Pressure [PT]** | 36 Bar |
| **Hydraulic Test Pressure** | 48 Bar |
| **Design Temperature [TS]** | Min.-20C / Max.+130C |
| **Cooler Fluid Type** | HFC-CFC-HCFC |
| **Fluid Group** | 2 |
| **Category** | CAT I / A |
| **Desing Calculation** | EN 14276-1/EN 13445-3 |
| **Welded Joint Efficiency** | 0 .85 |
| **Material Group (Shell / Head)** | 1.2 |
| **Testing Group** | 3b |
| **Corrasion Allowance** | 0,1 mm |
| **Ndt** | 10% |
| **Packaging Size & Weight** | 00*00*00 & 00 Kg. |
| **Drawed By** | Ö.TÜRKER |
| **Approved By** | D.GÜL |
| **Date** | 20.06.2022 |
| **Color** | RAL 5009 |

**MATERIAL DATA**

| No | Connection | Model | Code | | Qty |
|---|---|---|---|---|---|
| 1 | Inlet Connection | ODS 3/8" H:30 | 106.060.B02.INL.T30 | | 1 |
| 2 | Outlet Connection | ROT. 1" H:25 | 106.060.A02.001.T25 | | 1 |
| 3 | Outlet Valve | RV.45b-3/8 | C2.RV.45B.01.3-8 | | 1 |
| 4 | Deep Drawn | Ø140x2 H:145 | 203.040.001.001.001 | | 1 |
| 5 | Deep Drawn | Ø140x2 H:145 | 103.040.002.001.000 | | 1 |
| 6 | Pipe | Ø13x1 | 204.A13.010.000.220 | | 1 |
| 7 | Base Plate | Ø90x2,5 H:13,5 | 105.004.085.001.001 | | 1 |
| 8 | Knock-out bolt | M10x25 | 109.100.025.999.C01 | | 1 |

**GENERAL NOTES**

-Max. allowable operating pressure (PS) according to the temperature range;
1)Allowable operating temperature : min. -20C° / max. +130C° PS1 = 33 Bar
2)Allowable operating temperature : min. -40C° / max. -20C° PS2 = 24 Bar
-Unless otherwise specified dimensions in MM
-Unless otherwise specified do not scale
-Unless otherwise specified tube must be clean&free form burrs inside&outside&suitable for soldering
-Unless otherwise specified do not scale indicated thickness are min. after forming or machining
-Unless otherwise specified dimension tolerances according to EN 113445-4

**REVISIONS**

| No | Details Of Change | Date | By |
|---|---|---|---|
| 01 | 33 BAR YAPILDI. | 30.07.2024 | M.AKKAŞ |
| 02 | STANDART TEKNİK RESİM ÖLÇ YAPILDI | 16.09.2024 | M.AKKAŞ |
| 03 | CORRASİON DEĞERİ 0,5MM DEN 0,1MM OLDU | 18.11.2024 | M.AKKAŞ |

**RELATED DRAWINGS**

| No | Description | Drawing No |
|---|---|---|
| 01 | | |
| 02 | | |

| No | Assembly Codes | Qty |
|---|---|---|
| 1 | M005.000019 | 1 |


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