

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

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**DARMENT** **Customer**

**VERTICAL LIQUID RECEIVERS** **Product**

**V5DM.45B.05.C4.C4.F4.H30** **Code**

**Customer Code**

### DESIGN DATA

Capacity [Lt.]	5 Lt.
Design Pressure [PS]	45 Bar
Pneumatic Test Pressure [PT]	50 Bar
Hydraulic Test Pressure	65 Bar
Design Temperature [TS]	Min.-20C / Max.+130C
Cooler Fluid Type	HFC-CFC-HCFC-R744
Fluid Group	2
Category	CAT II / D1
Desing Calculation	EN 14276-1/EN 13445-3
Welded Joint Efficiency	0.85
Material Group (Shell / Head)	1.2
Testing Group	3b
Corrasion Allowance	0,5 mm
Ndt	10%
Packaging Size & Weight	00*00*00 & 00 Kg.
Drawed By	H.DALSIZ
Approved By	D.GÜL
Date	21.02.2024
Color	RAL 5009

### MATERIAL DATA

No	Connection	Model	Code	Material	Qty
1	Inlet Connection	ROT. 1" H:25	106.060.A02.001.001	E275-ST44	1
2	Inlet Valve	RV.45b-5/8	C4.RV.45B.01.5-8	E275-ST44	1
3	Outlet Connection	ROT. 1" H:25	106.060.A02.001.001	E275-ST44	1
4	Outlet Valve	RV.45b-5/8	C4.RV.45B.01.5-8	E275-ST44	1
5	Safety Valve Conn.	NPT 1/2" H:18	106.060.F04.000.001	E275-ST44	1
6	Blind Plug	NPT 1/2" Plug	106.130.F04.001.001	S235JR	1
7	Sight Glass Type Conn.	SG-SW38 H:27	106.05W.038.001.001	ST44-E275	1
8	Sight Glass	SW38	SW-38	E275	1
9	Shell	Ø139,7x3 H:290	204.V05.60B.005.002	EN10217-3 P355NH	1
10	Head Torispheric	Ø140x3 H:45	201.060.140.001.001	P355GH EN-10028-2	1
11	Head - Torispheric	Ø140x3 H:45	101.060.140.001.000	EN10028-2 P355GH	1
12	Skirt With	Ø136X2,5 H:17	105.004.136.001.001	DD13 EN10111	1
13	Pipe	Ø13x1	204.A13.010.000.120	EN10297-1 E235	1

### GENERAL NOTES

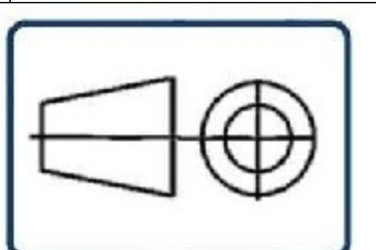
- Max. allowable operating pressure (PS) according to the temperature range;
- 1) Allowable operating temperature : min. -20C° / max. +130C° PS1 = 33 Bar
- 2) Allowable operating temperature : min. -20C° / max. -40C° PS2 = 24 Bar
- Unless otherwise specified dimensions in MM
- Unless otherwise specified do not scale
- Unless otherwise specified tube must be clean&free from burrs inside&outside&uitable 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			
02			
03			

### RELATED DRAWINGS

No	Description	Drawing No
01		
02		



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