

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

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**GVN STANDART PRODUCT** **Customer**

**VERTICAL LIQUID RECEIVER** **Product**

**VLR.A.30b.09.B3.C3** **Code**

**Customer Code**

**DESIGN DATA**

Capacity [Lt.]	9 Lt.
Design Pressure [PS]	30 Bar
Pneumatic Test Pressure [PT]	33 Bar
Hydraulic Test Pressure	43 Bar
Design Temperature [TS]	Min.-20C / Max.+130C
Cooler Fluid Type	HFC-CFC-HCFC
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	Ö.TÜRKER
Approved By	D.GÜL
Date	20.06.2022
Color	RAL 5009

**MATERIAL DATA**

No	Connection	Model	PARÇA NUMARASI	Material	Qty
1	Inlet Connection	ODS 1/2" H:30	106.060.B03.000.005	Ø20 ST44-E275	1
2	Outlet Connection	ROT. 1" H:25	106.060.A02.001.001	E275-ST44	1
3	Outlet Valve	RV.45b-1/2			1
4	Pipe	Ø13x1	204.A13.010.000.270	EN10297-1 E235	1
5	Deep Drawn	Ø180x2,5 H:201	203.090.001.001.001	EN 10111-DD-13	1
6	Deep Drawn	Ø180x2,5 H:201	103.090.002.001.000	EN 10111-DD-13	1
7	Skirt With	Ø187x18,50 t:2,50	105.004.187.001.001	EN 10111-DD-13	1

**GENERAL NOTES**

- Max. allowable operating pressure (PS) according to the temperature range;
- 1) Allowable operating temperature : min. -10C° / max. +100C° PS1 = 33 Bar
- 2) Allowable operating temperature : min. -10C° / 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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No	Assembly Codes	Qty
1	M005.000024	1

