

Liquid Receivers

Likit Tankları



Introduction

Liquid receivers are used to meet fluctuations in the system and ambient temperatures. It serves as a cushion/buffer between liquid and hot gas at high pressure side of the system, prevents the evaporator from hot gas entering and besides, it provides resting of liquid within the system. Also it is used for collecting and storing refrigerant from the system when maintenance is needed. Liquid receivers are produced between 0,5 l and 1000 l in accordance with CE 2014/68/EU [PED] pressure equipment directive.

Application Field

Liquid receiver are used on the high-pressure side of the cooling circuit, at the condenser outlet.

Selection

The capacity of the liquid receiver should be determined based on the amount of refrigerant in the system.

Volume

The most suitable product can be easily obtained with alternative diameter and length options of the same volume.

Connections

Connection sleeves can be selected or custom-made based on your drawings.

Warning

- Ensure the gasket channel is clean and intact before installing the valves.
- Before mounting the liquid level sensor, ensure the gasket is properly placed.
- Perform a leak test for the sight glasses to check for leaks and ensure the glass is not damaged.

Note

You can easily customize and place orders for accessories and connection sleeves through the product code. For detailed information on creating a product code, please refer to page 9. For special requests, feel free to contact us.

Liquid receivers are protected against corrosion by a 500-hour salt spray test resisting coating.

Operation with R717* (ammonia)

Our products are generally suitable for Group 1 fluids. For details, please contact us. Plastic balls are not used in sight glasses for R717, and rotalock valves are not suitable, welded connections are recommended.

Genel Tanım

Likit tankları sistemde ve ortam sıcaklıklarında meydana gelen dalgalanmaların karşılanmasında kullanılır. Sistemin yüksek basınç tarafında, sıvı ile sıcak gaz arasında bir yastık/tampon vazifesi görmek, evaporatöre sıcak gazın gitmesini önlemek ve bununla birlikte sistem içerisindeki likitin dinlenmesini sağlamak için kullanılır. Aynı zamanda servis gerektiğinde, soğutucu akışkanın sistemden toplanıp depolanmasında kullanılır. Likit tankları, 0,5 lt ve 1000 lt arasında CE 2014/68/EU [PED] basınçlı kaplar direktifine uygun olacak şekilde üretilmektedir.

Kullanım Alanı

Likit tankları soğutma devresinin yüksek basınçlı tarafında, kondenser çıkışında kullanılır.

Seçim

Likit tanklarının kapasitesi, sistemdeki soğutucu akışkan miktarına uygun olarak belirlenmelidir.

Hacim

Aynı hacimde alternatif çap ve boy seçenekleriyle en uygun ürün kolayca temin edilebilir.

Manşon Bağlantısı

Farklı bağlantı manşonları seçilebilir veya teknik çizimlerinize göre özel üretim yapılabilir.

Uyarılar

- Vanaları montajlamadan önce conta kanalının temiz ve sağlam olduğundan emin olunuz.
- Likit seviye sensör montajlamadan önce contanın düzgün yerleştirildiğinden emin olunuz.
- Gözetleme camları için sızdırmazlık testini yaparak sızıntı ve camın zarar görmediğini kontrol edin.

Not

Aksesuarlar ve bağlantı manşonlarını ürün kodu üzerinden kolayca düzenleyerek sipariş verebilirsiniz. Ürün kodu oluşturma hakkında ayrıntılı bilgi için sayfa 9'u inceleyebilirsiniz. Özel talepleriniz için bizimle iletişime geçebilirsiniz.

Likit tankları, 500 saatlik tuz püskürtme testine dayanıklı kaplama ile korozyona karşı korunur.

R717* (amonyak) ile çalışma

Ürünlerimiz, genel olarak Grup 1 akışkanlar için uygundur. Detaylar için iletişime geçebilirsiniz. R717 kullanımında gözetleme camlarında plastik top ve rotalok vanalar kullanılmaz; kaynaklı bağlantı önerilir.

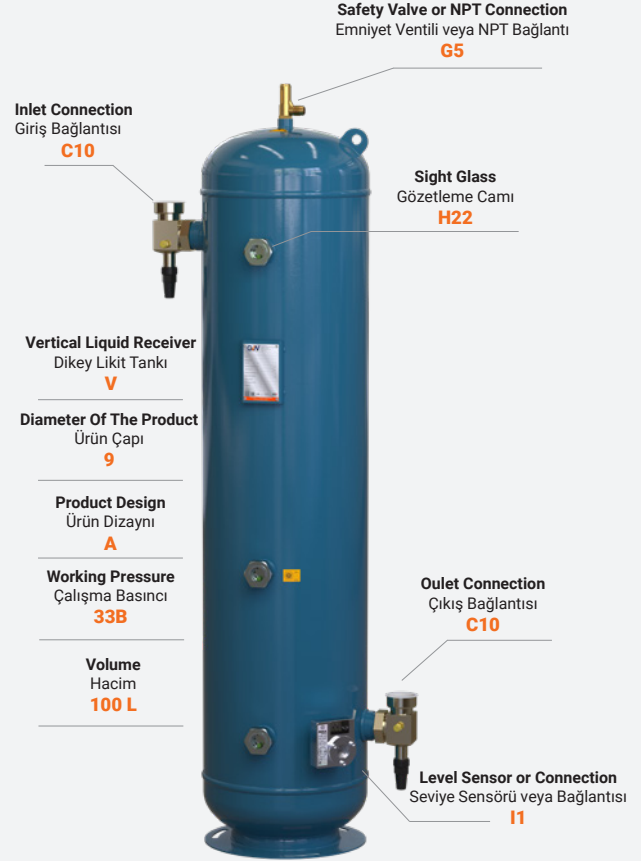


Liquid Receiver - Code Configuration

Likit Tankı - Kod Oluşturma

V	Vertical Liquid Receiver Series Dikey Likit Tankları Serisi
H	Horizontal Liquid Receiver Series Yatay Likit Tankları Serisi
HC	Horizontal Liquid Receiver & Baseplate Series Kompresör Ayaklı Yatay Likit Tankları Serisi
HV	Universal Liquid Receiver Series Üniversal Likit Tankları Serisi

V	9	A	33B	100	C10	C10	G5	H22	I1
Vertical Liquid Receiver Dikey Likit Tankı									
V	9	A	33B	100	C10	C10	G5	H22	I1
Diameter Of The Product Ürün Çapı									
V	9	A	33B	100	C10	C10	G5	H22	I1
Product Design Ürün Dizaynı									
V	9	A	33B	100	C10	C10	G5	H22	I1
Working Pressure Çalışma Basıncı									
V	9	A	33B	100	C10	C10	G5	H22	I1
Volume Hacim									
V	9	A	33B	100	C10	C10	G5	H22	I1
Inlet Connection Giriş Bağlantısı									
V	9	A	33B	100	C10	C10	G5	H22	I1
Outlet Connection Çıkış Bağlantısı									
V	9	A	33B	100	C10	C10	G5	H22	I1
Safety Valve Or NPT Connection Emniyet Ventili Veya NPT Bağlantı									
V	9	A	33B	100	C10	C10	G5	H22	I1
Sight Glass Gözetleme Camı									
V	9	A	33B	100	C10	C10	G5	H22	I1
Level Sensor Or Connection Seviye Sensörü Veya Bağlantısı									



Vertical Liquid Receivers

Dikey Likit Tankları



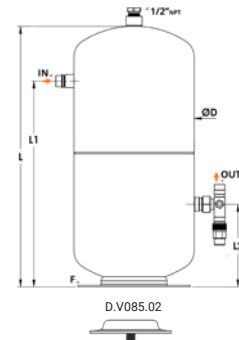
V. [L]	Model	Dimensions [mm]				Support [F]	Inlet [Inch]	Outlet Rotalock Valve	NPT [Inch]	Kg Of Capacity				Category [PED]	
		ØD	L	L1	L2					R22	R134a	R407C	R404A	Group 2	Group 1
1	VLR.A.33B.01.B1.C1	89	205	165	150	D.V085.02	ODS 1/4"	RV.45B-1/4	-	1,1	1,1	1,0	1,0	SEP	SEP
2	VLR.A.33B.02.B2.C2	120	210	160	150	D.V085.02	ODS 3/8"	RV.45B-3/8	-	2,2	2,2	2,1	1,9	CAT.I	CAT.II
3	VLR.A.33B.03.B2.C2	140	230	175	155	D.V085.02	ODS 3/8"	RV.45B-3/8	-	3,3	3,3	3,1	2,9	CAT.I	CAT.II
4	VLR.A.33B.04.B2.C2		300	240	220	D.V085.02	ODS 3/8"	RV.45B-3/8	-	4,4	4,4	4,2	3,8	CAT.I	CAT.II
5	VLR.A.33B.05.B2.C2	160	295	230	220	E.V162.03	ODS 3/8"	RV.45B-3/8	-	5,4	5,5	5,2	4,8	CAT.I	CAT.II
6	VLR.A.33B.06.B3.C3		345	280	220	E.V162.03	ODS 1/2"	RV.45B-1/2	-	6,5	6,6	6,3	5,8	CAT.I	CAT.II
7	VLR.A.33B.07.B3.C3	180	405	340	270	E.V162.03	ODS 1/2"	RV.45B-1/2	-	7,6	7,7	7,3	6,7	CAT.II	CAT.III
8	VLR.A.33B.08.B3.C3		380	290	270	E.V187.03	ODS 1/2"	RV.45B-1/2	-	8,7	8,8	8,3	7,7	CAT.II	CAT.III
9	VLR.A.33B.09.B3.C3	219	410	320	270	E.V187.03	ODS 1/2"	RV.45B-1/2	-	9,8	9,9	9,4	8,6	CAT.II	CAT.III
10	VLR.A.33B.10.B4.C4		460	370	270	E.V187.03	ODS 5/8"	RV.45B-5/8	-	10,9	11,0	10,4	9,6	CAT.II	CAT.III
12	VLR.A.30B.12.B4.C4.F4	219	360	260	150	E.V205.03	ODS 5/8"	RV.45B-5/8	1/2"	13,1	13,2	12,5	11,5	CAT.II	CAT.III
14	VLR.A.30B.14.B4.C4.F4		410	310	150	E.V205.03	ODS 5/8"	RV.45B-5/8	1/2"	15,2	15,4	14,6	13,4	CAT.II	CAT.III
16	VLR.A.30B.16.B4.C4.F4		480	380	150	E.V205.03	ODS 5/8"	RV.45B-5/8	1/2"	17,4	17,6	16,7	15,4	CAT.II	CAT.III
18	VLR.A.30B.18.B4.C4.F4		540	440	150	E.V205.03	ODS 5/8"	RV.45B-5/8	1/2"	19,6	19,8	18,8	17,3	CAT.II	CAT.III
21	VLR.A.30B.21.B5.C4.F4		625	525	150	E.V205.03	ODS 3/4"	RV.45B-5/8	1/2"	22,9	23,2	21,9	20,2	CAT.II	CAT.III

At +20°C Liquid temperature, %90 receiver volume.

+20°C Likit sıcaklığı, %90 tank hacmi esas alınmıştır.

VLR.33B VLR.30B

PS	[PS1] 33 / 30 Bar	[PS2] 24 / 22 Bar
TS	- 20 / + 130°C	- 40 / - 20°C
GAS	HCFC, HFC, R290, R717*	



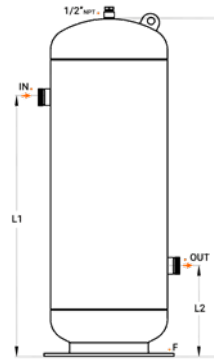
Optional
Sight Glass
Safety Valve
Rotalock Valve I Inlet
Extra Connections

Opsiyonel
Gözetleme Camı
Emniyet Ventili
Rotalok Vana I Giriş
Ekstra Bağlantılar

V.33B

V.45B

PS	[PS1] 33 Bar	[PS2] 24 Bar	[PS1] 45 Bar	[PS2] 33 Bar
TS	- 20 / + 130°C	- 40 / - 20°C	- 20 / + 130°C	- 40 / - 20°C
GAS	HCFC, HFC, R290, R717*		HCFC, HFC, R290, R-410A, R744	



Optional
Sight Glass
Safety Valve
Rotalock Valve
Electronic Level Sensor
Extra Connections

Opsiyonel
Gözetleme Camı
Emniyet Ventili
Rotalok Vana
Elektronik Seviye Sensörü
Ekstra Bağlantılar

Vol. [L]	Model	Dimensions [mm]				Support [F]	Inlet & Outlet [Inch]	NPT [Inch]	Kg Of Capacity					Category [PED]	
		Ø D	L	L1	L2				R22	R134a	R407C	R404A	R410A	Group 2	Group 1
3	V4A.33B.03.A2.A2.F4	114	370	290	90	D.V085.02	Rot. 1"	1/2"	3,3	3,3	3,2	2,9	2,9	CAT.I	CAT.II
4	V4A.33B.04.A2.A2.F4		470	390	90	D.V085.02	Rot. 1"	1/2"	4,4	4,4	4,2	3,8	3,9	CAT.I	CAT.II
4	V5A.33B.04.A2.A2.F4	140	320	230	120	E.V136.03	Rot. 1"	1/2"	4,4	4,4	4,2	3,8	3,9	CAT.I	CAT.II
5	V5A.33B.05.A2.A2.F4		390	300	120	E.V136.03	Rot. 1"	1/2"	5,4	5,5	5,2	4,8	4,9	CAT.I	CAT.II
6	V5A.33B.06.A2.A2.F4		470	380	120	E.V136.03	Rot. 1"	1/2"	6,5	6,6	6,3	5,8	5,8	CAT.I	CAT.II
6	V6A.33B.06.A2.A2.F4	168	340	250	120	E.V162.03	Rot. 1"	1/2"	6,5	6,6	6,3	5,8	5,8	CAT.I	CAT.II
7	V6A.33B.07.A2.A2.F4		390	300	120	E.V162.03	Rot. 1"	1/2"	7,6	7,7	7,3	6,7	6,8	CAT.II	CAT.III
8	V6A.33B.08.A2.A2.F4		460	370	120	E.V162.03	Rot. 1"	1/2"	8,7	8,8	8,3	7,7	7,8	CAT.II	CAT.III
10	V6A.33B.10.A2.A2.F4		550	460	120	E.V162.03	Rot. 1"	1/2"	10,9	11,0	10,4	9,6	9,7	CAT.II	CAT.III
12	V6A.33B.12.A2.A2.F4		660	570	120	E.V162.03	Rot. 1"	1/2"	13,1	13,2	12,5	11,5	12,7	CAT.II	CAT.III
14	V6A.33B.14.A2.A2.F4		770	680	120	E.V162.03	Rot. 1"	1/2"	15,2	15,4	14,6	13,4	13,6	CAT.II	CAT.III
16	V6A.33B.16.A2.A2.F4		870	780	120	E.V162.03	Rot. 1"	1/2"	17,4	17,6	16,7	15,4	15,6	CAT.II	CAT.III
18	V7A.33B.18.A2.A2.F4	219	560	430	150	E.V205.03	Rot. 1"	1/2"	19,6	19,8	18,8	17,3	17,5	CAT.II	CAT.III
20	V7A.33B.20.A3.A3.F4		630	500	150	E.V205.03	Rot. 1 1/4"	1/2"	21,8	22,1	20,9	19,2	19,5	CAT.II	CAT.III
25	V7A.33B.25.A3.A3.F4		755	625	150	E.V205.03	Rot. 1 1/4"	1/2"	27,2	27,6	26,1	24,0	24,4	CAT.II	CAT.III
30	V7A.33B.30.A3.A3.F4		905	775	150	E.V205.03	Rot. 1 1/4"	1/2"	32,7	33,1	31,3	28,8	29,2	CAT.II	CAT.III
35	V7A.33B.35.A3.A3.F4		1060	930	150	E.V205.03	Rot. 1 1/4"	1/2"	38,1	38,6	36,5	33,6	34,1	CAT.III	CAT.IV
40	V7A.33B.40.A4.A4.F4		1210	1080	150	E.V205.03	Rot. 1 3/4"	1/2"	43,6	44,1	41,7	38,4	39,0	CAT.III	CAT.IV
45	V7A.33B.45.A4.A4.F4		1360	1230	150	E.V205.03	Rot. 1 3/4"	1/2"	49,1	49,6	46,9	43,2	43,9	CAT.III	CAT.IV
50	V7A.33B.50.A4.A4.F4		1510	1380	150	E.V205.03	Rot. 1 3/4"	1/2"	54,4	55,1	52,1	48,0	48,7	CAT.III	CAT.IV

At +20°C Liquid temperature, %90 receiver volume.

+20°C Likit sıcaklığı, %90 tank hacmi esas alınmıştır.



Vertical Liquid Receivers

Dikey Likit Tankları

Vol. [L]	Model	Dimensions [mm]				Support [F]	Inlet & Outlet [Inch]	NPT [Inch]	Kg Of Capacity					Category [PED]	
		Ø D	L	L1	L2				R22	R134a	R407C	R404A	R410A	Group 2	Group 1
30	V8A.33B.30.A3.A3.F4	273	585	405	180	E.V247.03	Rot. 1 1/4"	1/2"	32,7	33,1	31,3	28,8	29,2	CAT.II	CAT.III
35	V8A.33B.35.A3.A3.F4		685	505	180	E.V247.03	Rot. 1 1/4"	1/2"	38,1	38,6	36,5	33,6	34,1	CAT.III	CAT.IV
40	V8A.33B.40.A4.A4.F4		785	605	180	E.V247.03	Rot. 1 3/4"	1/2"	43,6	44,1	41,7	38,4	39,0	CAT.III	CAT.IV
45	V8A.33B.45.A4.A4.F4		875	695	180	E.V247.03	Rot. 1 3/4"	1/2"	49,1	49,6	46,9	43,2	43,9	CAT.III	CAT.IV
50	V8A.33B.50.A4.A4.F4		975	795	180	E.V247.03	Rot. 1 3/4"	1/2"	54,4	55,1	52,1	48,0	48,7	CAT.III	CAT.IV
60	V8A.33B.60.A4.A4.F4		1165	985	180	E.V247.03	Rot. 1 3/4"	1/2"	65,3	66,2	62,6	57,6	58,5	CAT.III	CAT.IV
70	V8A.33B.70.A4.A4.F4		1355	1175	180	E.V247.03	Rot. 1 3/4"	1/2"	76,2	77,2	73,0	67,2	68,2	CAT.III	CAT.IV
80	V8A.33B.80.A4.A4.F4		1545	1365	180	E.V247.03	Rot. 1 3/4"	1/2"	87,1	88,2	83,4	76,8	78,0	CAT.III	CAT.IV
90	V8A.33B.90.A4.A4.F4		1755	1575	180	E.V247.03	Rot. 1 3/4"	1/2"	98,0	99,2	93,9	86,4	87,7	CAT.III	CAT.IV
40	V9A.33B.40.A4.A4.F4	324	555	345	240	E.V320.03	Rot. 1 3/4"	1/2"	43,6	44,1	41,7	38,4	39,0	CAT.III	CAT.IV
45	V9A.33B.45.A4.A4.F4		640	430	240	E.V320.03	Rot. 1 3/4"	1/2"	49,1	49,6	46,9	43,2	43,9	CAT.III	CAT.IV
50	V9A.33B.50.A4.A4.F4		710	500	240	E.V320.03	Rot. 1 3/4"	1/2"	54,4	55,1	52,1	48,0	48,7	CAT.III	CAT.IV
60	V9A.33B.60.A4.A4.F4		850	640	240	E.V320.03	Rot. 1 3/4"	1/2"	65,3	66,2	62,6	57,6	58,5	CAT.III	CAT.IV
70	V9A.33B.70.A4.A4.F4		970	760	240	E.V320.03	Rot. 1 3/4"	1/2"	76,2	77,2	73,0	67,2	68,2	CAT.III	CAT.IV
80	V9A.33B.80.A4.A4.F4		1110	900	240	E.V320.03	Rot. 1 3/4"	1/2"	87,1	88,2	83,4	76,8	78,0	CAT.III	CAT.IV
90	V9A.33B.90.A4.A4.F4		1255	1045	240	E.V320.03	Rot. 1 3/4"	1/2"	98,0	99,2	93,9	86,4	87,7	CAT.III	CAT.IV
100	V9A.33B.100.A5.A5.F4		1410	1200	240	E.V320.03	Rot. 2 1/4"	1/2"	108,9	110,3	104,3	96,0	97,5	CAT.IV	CAT.IV
125	V9A.33B.125.A5.A5.F4		1710	1500	240	E.V320.03	Rot. 2 1/4"	1/2"	136,1	137,8	130,4	120,0	121,8	CAT.IV	CAT.IV
150	V9A.33B.150.A5.A5.F4	406	2110	1900	240	E.V320.03	Rot. 2 1/4"	1/2"	163,3	165,4	156,4	144,0	146,2	CAT.IV	CAT.IV
100	V10A.33B.100.A5.A5.F4		910	660	250	F.V415.05	Rot. 2 1/4"	1/2"	108,9	110,3	104,3	96,0	97,5	CAT.IV	CAT.IV
125	V10A.33B.125.A5.A5.F4		1120	870	250	F.V415.05	Rot. 2 1/4"	1/2"	136,1	137,8	130,4	120,0	121,8	CAT.IV	CAT.IV
150	V10A.33B.150.A5.A5.F4		1340	1090	250	F.V415.05	Rot. 2 1/4"	1/2"	163,3	165,4	156,4	144,0	146,2	CAT.IV	CAT.IV
175	V10A.33B.175.A5.A5.F4		1560	1310	250	F.V415.05	Rot. 2 1/4"	1/2"	190,6	193,0	182,5	168,1	170,6	CAT.IV	CAT.IV
200	V10A.33B.200.A5.A5.F4		1750	1500	250	F.V415.05	Rot. 2 1/4"	1/2"	217,8	220,6	208,6	192,1	194,9	CAT.IV	CAT.IV
225	V11A.33B.225.A5.A5.F4	450	1630	1380	280	F.V480.06	Rot. 2 1/4"	1/2"	245,0	248,1	234,6	216,1	219,3	CAT.IV	CAT.IV
250	V11A.33B.250.A5.A5.F4		1780	1530	280	F.V480.06	Rot. 2 1/4"	1/2"	272,2	275,6	260,7	240,1	243,7	CAT.IV	CAT.IV
300	V12A.33B.300.B12.B12.F4	508	1770	1470	350	F.V550.08	ODS 2 5/8"	1/2"	326,7	330,8	312,8	288,1	292,4	CAT.IV	CAT.IV
350	V12A.33B.350.B14.B14.F4		1930	1630	350	F.V550.08	ODS 3 1/8"	1/2"	381,1	386,0	365,0	336,1	341,1	CAT.IV	CAT.IV
400	V13A.33B.400.B14.B14.F4	600	1630	1290	370	F.V650.08	ODS 3 1/8"	1/2"	435,6	441,1	417,1	384,1	389,9	CAT.IV	CAT.IV
500	V13A.33B.500.B15.B15.F4		1930	1590	370	F.V650.08	ODS 3 5/8"	1/2"	544,5	551,3	521,6	480,2	487,4	CAT.IV	CAT.IV
600	V14A.33B.600.B19.B19.F4	750	1650	1250	400	F.V750.10	ODS 4 1/2"	1/2"	653,4	661,6	625,6	576,2	584,8	CAT.IV	CAT.IV
800	V14A.33B.800.B19.B19.F4		2150	1750	400	F.V750.10	ODS 4 1/2"	1/2"	871,2	882,2	834,2	768,2	779,8	CAT.IV	CAT.IV
1000	V15A.33B.1000.B20.B20.F4	850	2070	1620	450	F.V850.10	ODS 5 1/2"	1/2"	1089,0	1102,6	1043,2	960,4	947,8	CAT.IV	CAT.IV
At +20°C Liquid temperature, %90 receiver volume.									+20°C Likit sıcaklığı, %90 tank hacmi esas alınmıştır.						

Note:

For 45 Bar operating pressure, edit the product code as **V.45B** instead of **V.33B**.
V.45B series liquid receivers are designed for subcritical CO2 applications.

Not:

45 Bar işletim basıncı için ürün kodunu **V.33B** yerine **V.45B** olarak düzenleyiniz.
V.45B serisi likit tankları, subkritik CO2 uygulamaları için tasarlanmıştır.

Horizontal Liquid Receivers

Yatay Likit Tankları



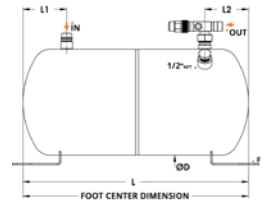
V. [L]	Model	Dimensions [mm]				Support [F]	Inlet [Inch]	Outlet Rotalock Valve	NPT [Inch]	Kg Of Capacity				Category [PED]	
		ØD	L	L1	L2					R22	R134a		R404A	Group 2	Group 1
1	HLR.A.33B.01.B1.C1	89	190	40	40	A.H089.03	ODS 1/4"	RV.45B-1/4	-	1,1	1,1	1,0	1,0	SEP	SEP
2	HLR.A.33B.02.B2.C2	120	200	50	50	A.H120.03	ODS 3/8"	RV.45B-3/8	-	2,2	2,2	2,1	1,9	CAT.I	CAT.II
3	HLR.A.33B.03.B2.C2	140	220	55	55	A.H140.03	ODS 3/8"	RV.45B-3/8	-	3,3	3,3	3,1	2,9	CAT.I	CAT.II
4	HLR.A.33B.04.B2.C2		290	60	60	A.H140.03	ODS 3/8"	RV.45B-3/8	-	4,4	4,4	4,2	3,8	CAT.I	CAT.II
5	HLR.A.33B.05.B2.C2	160	290	65	65	A.H160.03	ODS 3/8"	RV.45B-3/8	-	5,4	5,5	5,2	4,8	CAT.I	CAT.II
6	HLR.A.33B.06.B3.C3		340	65	65	A.H160.03	ODS 1/2"	RV.45B-1/2	-	6,5	6,6	6,3	5,8	CAT.I	CAT.II
7	HLR.A.33B.07.B3.C3		400	80	80	A.H160.03	ODS 1/2"	RV.45B-1/2	-	7,6	7,7	7,3	6,7	CAT.II	CAT.III
8	HLR.A.33B.08.B3.C3	180	370	80	80	A.H180.03	ODS 1/2"	RV.45B-1/2	-	8,7	8,8	8,3	7,7	CAT.II	CAT.III
9	HLR.A.33B.09.B3.C3		400	80	80	A.H180.03	ODS 1/2"	RV.45B-1/2	-	9,8	9,9	9,4	8,6	CAT.II	CAT.III
10	HLR.A.33B.10.B4.C4		450	90	90	A.H180.03	ODS 5/8"	RV.45B-5/8	-	10,9	11,0	10,4	9,6	CAT.II	CAT.III
12	HLR.A.30B.12.B4.C4.F4	219	345	80	80	A.H219.03	ODS 5/8"	RV.45B-5/8	1/2"	13,1	13,2	12,5	11,5	CAT.II	CAT.III
14	HLR.A.30B.14.B4.C4.F4		395	80	80	A.H219.03	ODS 5/8"	RV.45B-5/8	1/2"	15,2	15,4	14,6	13,4	CAT.II	CAT.III
16	HLR.A.30B.16.B4.C4.F4		465	90	90	A.H219.03	ODS 5/8"	RV.45B-5/8	1/2"	17,4	17,6	16,7	15,4	CAT.II	CAT.III
18	HLR.A.30B.18.B4.C4.F4		525	90	90	A.H219.03	ODS 5/8"	RV.45B-5/8	1/2"	19,6	19,8	18,8	17,3	CAT.II	CAT.III
21	HLR.A.30B.21.B5.C4.F4		610	90	90	A.H219.03	ODS 3/4"	RV.45B-5/8	1/2"	22,9	23,2	21,9	20,2	CAT.II	CAT.III

At +20°C Liquid temperature, %90 receiver volume.

+20°C Likit sıcaklığı, %90 tank hacmi esas alınmıştır.

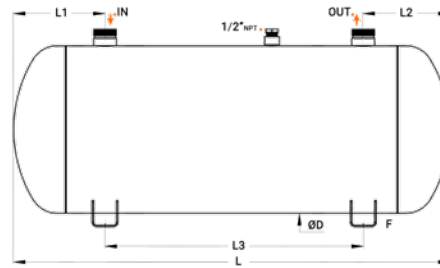
HLR.33B HLR.30B

PS	[PS1] 33 / 30 Bar	[PS2] 24 / 22 Bar
TS	- 20 / + 130°C	- 40 / - 20°C
GAS	HCFC, HFC, R290, R717*	



Optional
Sight Glass
Safety Valve
Rotalock Valve I Inlet
Extra Connections

Opsiyonel
Gözetleme Camı
Emniyet Ventili
Rotalok Vana I Giriş
Ekstra Bağlantılar



Optional
Sight Glass
Safety Valve
Rotalock Valve
Electronic Level Sensor
Extra Connections

Opsiyonel
Gözetleme Camı
Emniyet Ventili
Rotalok Vana
Elektronik Seviye Sensörü
Ekstra Bağlantılar

H.33B

H.45B

PS	[PS1] 33 Bar	[PS2] 24 Bar	[PS1] 45 Bar	[PS2] 33 Bar
TS	- 20 / + 130°C	- 40 / - 20°C	- 20 / + 130°C	- 40 / - 20°C
GAS	HCFC, HFC, R290, R717*		HCFC, HFC, R290, R-410A, R744	

Vol. [L]	Model	Dimensions [mm]					Support [F]	Inlet & Outlet [Inch]	NPT [Inch]	Kg Of Capacity					Category [PED]	
		Ø D	L	L1	L2	L3				R22	R134a	R407C	R404A	R410A	Group 2	Group 1
3	H4A.33B.03.A2.A2.F4	114	360	80	80	360	A.H114.03	Rot. 1"	1/2"	3,3	3,3	3,2	2,9	2,9	CAT.I	CAT.II
4	H4A.33B.04.A2.A2.F4		460	80	80	460	A.H114.03	Rot. 1"	1/2"	4,4	4,4	4,2	3,8	3,9	CAT.I	CAT.II
4	H5A.33B.04.A2.A2.F4	140	310	90	90	130	B.H140.03	Rot. 1"	1/2"	4,4	4,4	4,2	3,8	3,9	CAT.I	CAT.II
5	H5A.33B.05.A2.A2.F4		380	90	90	200	B.H140.03	Rot. 1"	1/2"	5,4	5,5	5,2	4,8	4,9	CAT.I	CAT.II
6	H5A.33B.06.A2.A2.F4		460	90	90	280	B.H140.03	Rot. 1"	1/2"	6,5	6,6	6,3	5,8	5,8	CAT.I	CAT.II
6	H6A.33B.06.A2.A2.F4	168	330	105	105	120	B.H168.03	Rot. 1"	1/2"	6,5	6,6	6,3	5,8	5,8	CAT.I	CAT.II
7	H6A.33B.07.A2.A2.F4		380	105	105	170	B.H168.03	Rot. 1"	1/2"	7,6	7,7	7,3	6,7	6,8	CAT.II	CAT.III
8	H6A.33B.08.A2.A2.F4		450	105	105	240	B.H168.03	Rot. 1"	1/2"	8,7	8,8	8,3	7,7	7,8	CAT.II	CAT.III
10	H6A.33B.10.A2.A2.F4		540	120	120	300	B.H168.03	Rot. 1"	1/2"	10,9	11,0	10,4	9,6	9,7	CAT.II	CAT.III
12	H6A.33B.12.A2.A2.F4		650	120	120	410	B.H168.03	Rot. 1"	1/2"	13,1	13,2	12,5	11,5	12,7	CAT.II	CAT.III
14	H6A.33B.14.A2.A2.F4		760	120	120	520	B.H168.03	Rot. 1"	1/2"	15,2	15,4	14,6	13,4	13,6	CAT.II	CAT.III
16	H6A.33B.16.A2.A2.F4		860	120	120	620	B.H168.03	Rot. 1"	1/2"	17,4	17,6	16,7	15,4	15,6	CAT.II	CAT.III
18	H7A.33B.18.A2.A2.F4	219	550	150	150	250	B.H219.03	Rot. 1"	1/2"	19,6	19,8	18,8	17,3	17,5	CAT.II	CAT.III
20	H7A.33B.20.A3.A3.F4		620	150	150	320	B.H219.03	Rot. 1 1/4"	1/2"	21,8	22,1	20,9	19,2	19,5	CAT.II	CAT.III
25	H7A.33B.25.A3.A3.F4		745	150	150	445	B.H219.03	Rot. 1 1/4"	1/2"	27,2	27,6	26,1	24,0	24,4	CAT.II	CAT.III
30	H7A.33B.30.A3.A3.F4		895	150	150	595	B.H219.03	Rot. 1 1/4"	1/2"	32,7	33,1	31,3	28,8	29,2	CAT.II	CAT.III
35	H7A.33B.35.A3.A3.F4		1050	150	150	750	B.H219.03	Rot. 1 1/4"	1/2"	38,1	38,6	36,5	33,6	34,1	CAT.III	CAT.IV
40	H7A.33B.40.A4.A4.F4		1200	150	150	900	B.H219.03	Rot. 1 3/4"	1/2"	43,6	44,1	41,7	38,4	39,0	CAT.III	CAT.IV
45	H7A.33B.45.A4.A4.F4		1350	150	150	1050	B.H219.03	Rot. 1 3/4"	1/2"	49,1	49,6	46,9	43,2	43,9	CAT.III	CAT.IV
50	H7A.33B.50.A4.A4.F4		1500	150	150	1200	B.H219.03	Rot. 1 3/4"	1/2"	54,4	55,1	52,1	48,0	48,7	CAT.III	CAT.IV

At +20°C Liquid temperature, %90 receiver volume.

+20°C Likit sıcaklığı, %90 tank hacmi esas alınmıştır.



Horizontal Liquid Receivers

Yatay Likit Tankları

Vol. [L]	Model	Dimensions [mm]					Support	Inlet & Outlet	NPT	Kg Of Capacity					Category [PED]	
		Ø D	L	L1	L2	L3	[F]	[Inch]	[Inch]	R22	R134a	R407C	R404A	R410A	Group 2	Group 1
30	H8A.33B.30.A3.A3.F4	273	580	160	160	260	B.H273.03	Rot. 1 1/4"	1/2"	32,7	33,1	31,3	28,8	29,2	CAT.II	CAT.III
35	H8A.33B.35.A3.A3.F4		680	180	180	320	B.H273.03	Rot. 1 1/4"	1/2"	38,1	38,6	36,5	33,6	34,1	CAT.III	CAT.IV
40	H8A.33B.40.A4.A4.F4		780	180	180	420	B.H273.03	Rot. 1 3/4"	1/2"	43,6	44,1	41,7	38,4	39,0	CAT.III	CAT.IV
45	H8A.33B.45.A4.A4.F4		870	180	180	510	B.H273.03	Rot. 1 3/4"	1/2"	49,1	49,6	46,9	43,2	43,9	CAT.III	CAT.IV
50	H8A.33B.50.A4.A4.F4		970	180	180	610	B.H273.03	Rot. 1 3/4"	1/2"	54,4	55,1	52,1	48,0	48,7	CAT.III	CAT.IV
60	H8A.33B.60.A4.A4.F4		1160	180	180	800	B.H273.03	Rot. 1 3/4"	1/2"	65,3	66,2	62,6	57,6	58,5	CAT.III	CAT.IV
70	H8A.33B.70.A4.A4.F4		1350	200	200	950	B.H273.03	Rot. 1 3/4"	1/2"	76,2	77,2	73,0	67,2	68,2	CAT.III	CAT.IV
80	H8A.33B.80.A4.A4.F4		1540	200	200	1140	B.H273.03	Rot. 1 3/4"	1/2"	87,1	88,2	83,4	76,8	78,0	CAT.III	CAT.IV
90	H8A.33B.90.A4.A4.F4		1750	250	250	1250	B.H273.03	Rot. 1 3/4"	1/2"	98,0	99,2	93,9	86,4	87,7	CAT.III	CAT.IV
40	H9A.33B.40.A4.A4.F4	324	545	190	190	165	B.H324.03	Rot. 1 3/4"	1/2"	43,6	44,1	41,7	38,4	39,0	CAT.III	CAT.IV
45	H9A.33B.45.A4.A4.F4		630	190	190	250	B.H324.03	Rot. 1 3/4"	1/2"	49,1	49,6	46,9	43,2	43,9	CAT.III	CAT.IV
50	H9A.33B.50.A4.A4.F4		700	200	200	300	B.H324.03	Rot. 1 3/4"	1/2"	54,4	55,1	52,1	48,0	48,7	CAT.III	CAT.IV
60	H9A.33B.60.A4.A4.F4		840	200	200	440	B.H324.03	Rot. 1 3/4"	1/2"	65,3	66,2	62,6	57,6	58,5	CAT.III	CAT.IV
70	H9A.33B.70.A4.A4.F4		960	200	200	560	B.H324.03	Rot. 1 3/4"	1/2"	76,2	77,2	73,0	67,2	68,2	CAT.III	CAT.IV
80	H9A.33B.80.A4.A4.F4		1100	200	200	700	B.H324.03	Rot. 1 3/4"	1/2"	87,1	88,2	83,4	76,8	78,0	CAT.III	CAT.IV
90	H9A.33B.90.A4.A4.F4		1245	220	220	805	B.H324.03	Rot. 1 3/4"	1/2"	98,0	99,2	93,9	86,4	87,7	CAT.III	CAT.IV
100	H9A.33B.100.A5.A5.F4		1400	220	220	960	B.H324.03	Rot. 2 1/4"	1/2"	108,9	110,3	104,3	96,0	97,5	CAT.IV	CAT.IV
125	H9A.33B.125.A5.A5.F4		1700	250	250	1200	B.H324.03	Rot. 2 1/4"	1/2"	136,1	137,8	130,4	120,0	121,8	CAT.IV	CAT.IV
150	H9A.33B.150.A5.A5.F4	2100	250	250	1600	B.H324.03	Rot. 2 1/4"	1/2"	163,3	165,4	156,4	144,0	146,2	CAT.IV	CAT.IV	
100	H10A.33B.100.A5.A5.F4	406	900	250	250	400	B.H406.03	Rot. 2 1/4"	1/2"	108,9	110,3	104,3	96,0	97,5	CAT.IV	CAT.IV
125	H10A.33B.125.A5.A5.F4		1110	250	250	610	B.H406.03	Rot. 2 1/4"	1/2"	136,1	137,8	130,4	120,0	121,8	CAT.IV	CAT.IV
150	H10A.33B.150.A5.A5.F4		1330	250	250	830	B.H406.03	Rot. 2 1/4"	1/2"	163,3	165,4	156,4	144,0	146,2	CAT.IV	CAT.IV
175	H10A.33B.175.A5.A5.F4		1550	250	250	1050	B.H406.03	Rot. 2 1/4"	1/2"	190,6	193,0	182,5	168,1	170,6	CAT.IV	CAT.IV
200	H10A.33B.200.A5.A5.F4		1740	300	300	1170	B.H406.03	Rot. 2 1/4"	1/2"	217,8	220,6	208,6	192,1	194,9	CAT.IV	CAT.IV
225	H11A.33B.225.A5.A5.F4	450	1610	300	300	1010	B.H450.05	Rot. 2 1/4"	1/2"	245,0	248,1	234,6	216,1	219,3	CAT.IV	CAT.IV
250	H11A.33B.250.A5.A5.F4		1760	300	300	1160	B.H450.05	Rot. 2 1/4"	1/2"	272,2	275,6	260,7	240,1	243,7	CAT.IV	CAT.IV
300	H12A.33B.300.B12.B12.F4	508	1740	300	300	1140	B.H508.06	ODS 2 5/8"	1/2"	326,7	330,8	312,8	288,1	292,4	CAT.IV	CAT.IV
350	H12A.33B.350.B14.B14.F4		1900	300	300	1390	B.H508.06	ODS 3 1/8"	1/2"	381,1	386,0	365,0	336,1	341,1	CAT.IV	CAT.IV
400	H13A.33B.400.B14.B14.F4	600	1600	400	400	800	B.H600.08	ODS 3 1/8"	1/2"	435,6	441,1	417,1	384,1	389,9	CAT.IV	CAT.IV
500	H13A.33B.500.B15.B15.F4		1900	400	400	1190	B.H600.08	ODS 3 5/8"	1/2"	544,5	551,3	521,6	480,2	487,4	CAT.IV	CAT.IV
600	H14A.33B.600.B19.B19.F4	750	1600	500	500	800	B.H750.08	ODS 4 1/2"	1/2"	653,4	661,6	625,6	576,2	584,8	CAT.IV	CAT.IV
800	H14A.33B.800.B19.B19.F4		2100	550	550	1300	B.H750.08	ODS 4 1/2"	1/2"	871,2	882,2	834,2	768,2	779,8	CAT.IV	CAT.IV
1000	H15A.33B.1000.B20.B20.F4	850	2020	550	550	1220	B.H850.08	ODS 5 1/2"	1/2"	1089,0	1102,6	1043,2	960,4	947,8	CAT.IV	CAT.IV
At +20°C Liquid temperature, %90 receiver volume.								+20°C Likit sıcaklığı, %90 tank hacmi esas alınmıştır.								

Note:

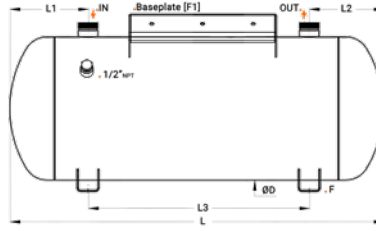
For 45 Bar operating pressure, edit the product code as **H.45B** instead of **H.33B**.
H.45B series liquid receivers are designed for subcritical CO2 applications.

Not:

45 Bar işletim basıncı için ürün kodunu **H.33B** yerine **H.45B** olarak düzenleyiniz.
H.45B serisi likit tankları, subkritik CO2 uygulamaları için tasarlanmıştır.

Horizontal Liquid Receivers & Baseplate

Kompresör Ayaklı Yatay Likit Tankları



HC.33B

HC.45B

PS	[PS1] 33 Bar	[PS2] 24 Bar	[PS1] 45 Bar	[PS2] 33 Bar
TS	- 20 / + 130°C	- 40 / - 20°C	- 20 / + 130°C	- 40 / - 20°C
GAS	HCFC, HFC, R290, R717*		HCFC, HFC, R290, R-410A, R744	

Optional
Sight Glass
Safety Valve
Rotalock Valve
Electronic Level Sensor
Extra Connections

Opsiyonel
Gözetleme Camı
Emniyet Ventili
Rotalok Vana
Elektronik Seviye Sensörü
Ekstra Bağlantılar

Vol. [L]	Model	Dimensions [mm]					Support		Inlet & Outlet		NPT	Kg Of Capacity					Category [PED]	
		Ø D	L	L1	L2	L3	[F]	[F1]	[Inch]	[Inch]		R22	R134a	R407C	R404A	R410A	Group 2	Group 1
9	HC5.33B.09.A2.A2.F4	140	700	80	80	540	B.H140.03	A	Rot. 1°	1/2"		9,7	9,9	9,3	8,6	8,7	CAT.II	CAT.III
14	HC5.33B.14.A2.A2.F4		1100	150	150	800	B.H140.03	A	Rot. 1°	1/2"		15,2	15,4	14,6	13,4	13,6	CAT.II	CAT.III
16	HC6.33B.16.A2.A2.F4	168	860	150	150	560	B.H168.03	B	Rot. 1°	1/2"		17,4	17,6	16,7	15,4	15,6	CAT.II	CAT.III
20	HC6.33B.20.A3.A3.F4		1100	150	150	800	B.H168.03	B	Rot. 1 1/4"	1/2"		21,8	22,1	20,9	19,2	19,5	CAT.II	CAT.III
25	HC6.33B.25.A3.A3.F4		1350	150	150	1050	B.H168.03	B	Rot. 1 1/4"	1/2"		27,2	27,6	26,1	24,0	24,4	CAT.II	CAT.III
30	HC7.33B.30.A3.A3.F4	219	895	150	150	595	B.H219.03	C	Rot. 1 1/4"	1/2"		32,7	33,1	31,3	28,8	29,2	CAT.II	CAT.III
35	HC7.33B.35.A3.A3.F4		1050	150	150	750	B.H219.03	C	Rot. 1 1/4"	1/2"		38,1	38,6	36,5	33,6	34,1	CAT.III	CAT.IV
40	HC7.33B.40.A4.A4.F4		1200	150	150	900	B.H219.03	C	Rot. 1 3/4"	1/2"		43,6	44,1	41,7	38,4	39,0	CAT.III	CAT.IV
50	HC8.33B.50.A4.A4.F4	273	970	180	180	610	B.H273.03	D	Rot. 1 3/4"	1/2"		54,4	55,1	52,1	48,0	48,7	CAT.III	CAT.IV
60	HC8.33B.60.A4.A4.F4		1160	180	180	800	B.H273.03	E	Rot. 1 3/4"	1/2"		65,3	66,2	62,6	57,6	58,5	CAT.III	CAT.IV
70	HC8.33B.70.A4.A4.F4		1350	180	180	990	B.H273.03	E	Rot. 1 3/4"	1/2"		76,2	77,2	73,0	67,2	68,2	CAT.III	CAT.IV
70	HC9.33B.70.A4.A4.F4	324	960	180	180	600	B.H324.03	G	Rot. 1 3/4"	1/2"		76,2	77,2	73,0	67,2	68,2	CAT.III	CAT.IV
80	HC9.33B.80.A4.A4.F4		1100	180	180	680	B.H324.03	F	Rot. 1 3/4"	1/2"		87,1	88,2	83,4	76,8	78,0	CAT.III	CAT.IV
90	HC9.33B.90.A4.A4.F4		1245	210	210	830	B.H324.03	F	Rot. 1 3/4"	1/2"		98,0	99,2	93,9	86,4	87,7	CAT.III	CAT.IV
100	HC9.33B.100.A5.A5.F4		1400	210	210	980	B.H324.03	F	Rot. 2 1/4"	1/2"		108,9	110,3	104,3	96,0	97,5	CAT.IV	CAT.IV

At +20°C Liquid temperature, %90 receiver volume.

+20°C Likit sıcaklığı, %90 tank hacmi esas alınmıştır.

Note:

For 45 Bar operating pressure, edit the product code as **HC.45B** instead of **HC.33B**.
HC.45B series liquid receivers are designed for subcritical CO2 applications.

Not:

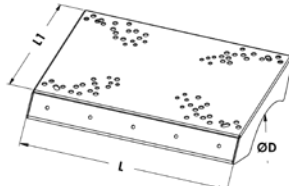
45 Bar işletim basıncı için ürün kodunu **HC.33B** yerine **HC.45B** olarak düzenleyiniz.
HC.45B serisi likit tankları, subkritik CO2 uygulamaları için tasarlanmıştır.

Baseplate For Compressor

The plate has suitable holes for foot connections of BOCK, BITZER, DORIN and FRASCOLD compressors.

Kompresör Ayaklı

Plaka üzerinde BOCK, BITZER, DORIN ve FRASCOLD kompresörlerinin ayak bağlantılarına uygun delikler bulunmaktadır.

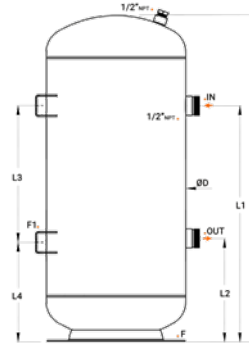


Baseplate		Dimensions [mm]		
Type	Model	Ø D	L	L1
A	105.007.140.450.360	140	450	360
B	105.007.168.450.360	168	450	360
C	105.007.219.450.360	219	450	360
D	105.007.273.450.360	273	450	360
E	105.007.273.570.360	273	570	360
F	105.007.324.570.360	324	570	360
G	105.007.324.450.360	324	450	360



Universal Liquid Receivers

Üniversal Likit Tankları



Optional
Sight Glass
Safety Valve
Rotalock Valve
Electronic Level Sensor
Extra Connections

Opsiyonel
Gözetleme Camı
Emniyet Ventili
Rotalok Vana
Elektronik Seviye Sensörü
Ekstra Bağlantılar

HV.33B

HV.45B

PS	[PS1] 33 Bar	[PS2] 24 Bar	[PS1] 45 Bar	[PS2] 33 Bar
TS	- 20 / + 130°C	- 40 / - 20°C	- 20 / + 130°C	- 40 / - 20°C
GAS	HCFC, HFC, R290, R717*		HCFC, HFC, R290, R-410A, R744	

V. [L]	Model	Dimensions [mm]						Support		Inlet & Outlet		NPT	Kg Of Capacity					Category [PED]	
		ØD	L	L1	L2	L3	L4	[F]	[F1]	[Inch]	[Inch]		R22	R134a	R407C	R404A	R410A	Group 2	Group 1
25	HV7.33B.25.A3.A3.F4	219	755	625	150	320	300	E.V205.03	B.H219.03	Rot. 1 1/4"	1/2"	27,2	27,6	26,1	24,0	24,4	CAT.II	CAT.III	
30	HV7.33B.30.A3.A3.F4		905	775	150	470	300			Rot. 1 1/4"	1/2"	32,7	33,1	31,3	28,8	29,2	CAT.II	CAT.III	
40	HV7.33B.40.A4.A4.F4		1210	1080	150	750	300			Rot. 1 3/4"	1/2"	43,6	44,1	41,7	38,4	39,0	CAT.III	CAT.IV	
40	HV8.33B.40.A4.A4.F4	273	785	605	180	285	310	E.V247.03	B.H273.03	Rot. 1 3/4"	1/2"	43,6	44,1	41,7	38,4	39,0	CAT.III	CAT.IV	
50	HV8.33B.50.A4.A4.F4		975	795	180	475	310			Rot. 1 3/4"	1/2"	54,4	55,1	52,1	48,0	48,7	CAT.III	CAT.IV	
60	HV8.33B.60.A4.A4.F4		1165	985	180	665	310			Rot. 1 3/4"	1/2"	65,3	66,2	62,6	57,6	58,5	CAT.III	CAT.IV	
70	HV8.33B.70.A4.A4.F4		1355	1175	180	855	310			Rot. 1 3/4"	1/2"	76,2	77,2	73,0	67,2	68,2	CAT.III	CAT.IV	
80	HV8.33B.80.A4.A4.F4		1545	1365	180	1045	310			Rot. 1 3/4"	1/2"	87,1	88,2	83,4	76,8	78,0	CAT.III	CAT.IV	
90	HV8.33B.90.A4.A4.F4		1755	1575	180	1255	310			Rot. 1 3/4"	1/2"	98,0	99,2	93,9	86,4	87,7	CAT.III	CAT.IV	
50	HV9.33B.50.A4.A4.F4	324	710	500	240	175	350	E.V320.03	B.H324.03	Rot. 1 3/4"	1/2"	54,4	55,1	52,1	48,0	48,7	CAT.III	CAT.IV	
60	HV9.33B.60.A4.A4.F4		850	640	240	290	350			Rot. 1 3/4"	1/2"	65,3	66,2	62,6	57,6	58,5	CAT.III	CAT.IV	
70	HV9.33B.70.A4.A4.F4		970	760	240	410	350			Rot. 1 3/4"	1/2"	76,2	77,2	73,0	67,2	68,2	CAT.III	CAT.IV	
80	HV9.33B.80.A4.A4.F4		1110	900	240	550	350			Rot. 1 3/4"	1/2"	87,1	88,2	83,4	76,8	78,0	CAT.III	CAT.IV	
90	HV9.33B.90.A4.A4.F4		1255	1045	240	700	350			Rot. 1 3/4"	1/2"	98,0	99,2	93,9	86,4	87,7	CAT.III	CAT.IV	
100	HV9.33B.100.A5.A5.F4		1410	1200	240	850	350			Rot. 2 1/4"	1/2"	108,9	110,3	104,3	96,0	97,5	CAT.IV	CAT.IV	
125	HV9.33B.125.A5.A5.F4	406	1710	1500	240	1150	350	F.V415.05	B.H406.03	Rot. 2 1/4"	1/2"	136,1	137,8	130,4	120,0	121,8	CAT.IV	CAT.IV	
150	HV9.33B.150.A5.A5.F4		2110	1900	240	1550	350			Rot. 2 1/4"	1/2"	163,3	165,4	156,4	144,0	146,2	CAT.IV	CAT.IV	
100	HV10.33B.100.A5.A5.F4		910	660	250	300	370			Rot. 2 1/4"	1/2"	108,9	110,3	104,3	96,0	97,5	CAT.IV	CAT.IV	
125	HV10.33B.125.A5.A5.F4		1120	870	250	510	370			Rot. 2 1/4"	1/2"	136,1	137,8	130,4	120,0	121,8	CAT.IV	CAT.IV	
150	HV10.33B.150.A5.A5.F4		1340	1090	250	750	370			Rot. 2 1/4"	1/2"	163,3	165,4	156,4	144,0	146,2	CAT.IV	CAT.IV	
175	HV10.33B.175.A5.A5.F4		1560	1310	250	940	370			Rot. 2 1/4"	1/2"	190,6	193,0	182,5	168,1	170,6	CAT.IV	CAT.IV	
200	HV10.33B.200.A5.A5.F4		1750	1500	250	1140	370			Rot. 2 1/4"	1/2"	217,8	220,6	208,6	192,1	194,9	CAT.IV	CAT.IV	

At +20°C Liquid temperature, %90 receiver volume.

+20°C Likit sıcaklığı, %90 tank hacmi esas alınmıştır.

Note:

For 45 Bar operating pressure, edit the product code as **HV.45B** instead of **HV.33B**.
HV.45B series liquid receivers are designed for subcritical CO2 applications.

Not:

45 Bar işletim basıncı için ürün kodunu **HV.33B** yerine **HV.45B** olarak düzenleyiniz.
HV.45B serisi likit tankları, subkritik CO2 uygulamaları için tasarlanmıştır.

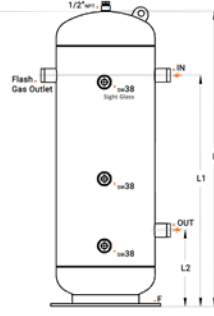
Vertical Liquid Receivers

Dikey Likit Tankları



V.60B

PS	[PS1] 60 Bar	[PS2] 45 Bar
TS	- 20 / + 130°C	- 40 / - 20°C
GAS	R744	



Optional
Heat Exchanger
Electronic Level Sensor
Extra Connections

Opsiyonel
Isı Eşanjörü
Elektronik Seviye Sensörü
Ekstra Bağlantılar

Volume [L]	Model	Dimensions [mm]				Support [F]	Inlet, Outlet & FGO [Inch]	NPT [Inch]	Sight Glass [SG]	Kg Of Capacity		Category [PED] Group 2
		Ø D	L	L1	L2					R410A	R744	
4	V5A.60B.04.B3.B3.B3.F4.H30	140	325	215	140	F.V170.05	ODS 1/2"	1/2"	1xSW38	3,9	2,8	CAT.II
5	V5A.60B.05.B3.B3.B3.F4.H30		395	285	140	F.V170.05	ODS 1/2"	1/2"	1xSW38	4,8	3,2	CAT.II
6	V5A.60B.06.B3.B3.B3.F4.H30		475	365	140	F.V170.05	ODS 1/2"	1/2"	1xSW38	5,8	4,2	CAT.II
8	V6A.60B.08.B4.B4.B4.F4.H30	168	475	345	160	F.V190.05	ODS 5/8"	1/2"	1xSW38	7,8	5,6	CAT.II
10	V6A.60B.10.B4.B4.B4.F4.H30		550	420	160	F.V190.05	ODS 5/8"	1/2"	1xSW38	9,7	7,0	CAT.II
12	V6A.60B.12.B4.B4.B4.F4.H31		660	530	160	F.V190.05	ODS 5/8"	1/2"	2xSW38	12,7	8,4	CAT.II
14	V6A.60B.14.B4.B4.B4.F4.H31	219	770	640	160	F.V190.05	ODS 5/8"	1/2"	2xSW38	13,6	9,8	CAT.II
16	V6A.60B.16.B4.B4.B4.F4.H31		870	740	160	F.V190.05	ODS 5/8"	1/2"	2xSW38	15,6	11,2	CAT.II
18	V7A.60B.18.B4.B4.B4.F4.H30		560	410	180	F.V250.05	ODS 5/8"	1/2"	1xSW38	17,5	12,6	CAT.III
20	V7A.60B.20.B4.B4.B4.F4.H30	273	630	480	180	F.V250.05	ODS 5/8"	1/2"	1xSW38	19,5	14,0	CAT.III
25	V7A.60B.25.B6.B6.B6.F4.H31		755	605	180	F.V250.05	ODS 7/8"	1/2"	2xSW38	24,4	17,5	CAT.III
30	V7A.60B.30.B6.B6.B6.F4.H31		905	755	180	F.V250.05	ODS 7/8"	1/2"	2xSW38	29,2	21,0	CAT.III
40	V7A.60B.40.B6.B6.B6.F4.H31	324	1210	1060	180	F.V250.05	ODS 7/8"	1/2"	2xSW38	39,0	27,9	CAT.III
30	V8A.60B.30.B6.B6.B6.F4.H30		585	385	220	F.V310.05	ODS 7/8"	1/2"	1xSW38	29,2	21,0	CAT.III
40	V8A.60B.40.B6.B6.B6.F4.H30		785	585	220	F.V310.05	ODS 7/8"	1/2"	1xSW38	39,0	27,9	CAT.III
50	V8A.60B.50.B6.B6.B6.F4.H31	406	975	775	220	F.V310.05	ODS 7/8"	1/2"	2xSW38	48,7	34,9	CAT.III
60	V8A.60B.60.B6.B6.B6.F4.H31		1165	965	220	F.V310.05	ODS 7/8"	1/2"	2xSW38	58,5	41,9	CAT.IV
70	V8A.60B.70.B6.B6.B6.F4.H32		1355	1155	220	F.V310.05	ODS 7/8"	1/2"	3xSW38	67,2	45,1	CAT.IV
80	V8A.60B.80.B7.B7.B7.F4.H32	450	1545	1345	220	F.V310.05	ODS 1 1/8"	1/2"	3xSW38	78,0	55,9	CAT.IV
90	V8A.60B.90.B7.B7.B7.F4.H32		1755	1555	220	F.V310.05	ODS 1 1/8"	1/2"	3xSW38	86,4	64,3	CAT.IV
40	V9A.60B.40.B6.B6.B6.F4.H31		555	325	260	F.V360.08	ODS 7/8"	1/2"	2xSW38	38,4	24,8	CAT.III
50	V9A.60B.50.B6.B6.B6.F4.H31	508	710	480	260	F.V360.08	ODS 7/8"	1/2"	2xSW38	48,7	34,9	CAT.III
60	V9A.60B.60.B6.B6.B6.F4.H31		850	620	260	F.V360.08	ODS 7/8"	1/2"	2xSW38	58,5	41,9	CAT.IV
70	V9A.60B.70.B6.B6.B6.F4.H31		970	740	260	F.V360.08	ODS 7/8"	1/2"	2xSW38	67,2	50,6	CAT.IV
80	V9A.60B.80.B7.B7.B7.F4.H31	508	1110	880	260	F.V360.08	ODS 1 1/8"	1/2"	2xSW38	78,0	55,9	CAT.IV
90	V9A.60B.90.B7.B7.B7.F4.H32		1255	1025	260	F.V360.08	ODS 1 1/8"	1/2"	3xSW38	86,4	64,3	CAT.IV
100	V9A.60B.100.B7.B7.B7.F4.H32		1410	1180	260	F.V360.08	ODS 1 1/8"	1/2"	3xSW38	97,5	69,8	CAT.IV
125	V9A.60B.125.B7.B7.B7.F4.H32	600	1710	1480	260	F.V360.08	ODS 1 1/8"	1/2"	3xSW38	121,8	87,3	CAT.IV
150	V9A.60B.150.B7.B7.B7.F4.H32		2110	1880	260	F.V360.08	ODS 1 1/8"	1/2"	3xSW38	146,2	104,8	CAT.IV
100	V10A.60B.100.B7.B7.B7.F4.H32		910	655	255	F.V415.08	ODS 1 1/8"	1/2"	3xSW38	97,5	69,8	CAT.IV
125	V10A.60B.125.B7.B7.B7.F4.H32	600	1120	865	255	F.V415.08	ODS 1 1/8"	1/2"	3xSW38	120,0	78,6	CAT.IV
150	V10A.60B.150.B7.B7.B7.F4.H32		1340	1085	255	F.V415.08	ODS 1 1/8"	1/2"	3xSW38	146,2	104,8	CAT.IV
175	V10A.60B.175.B7.B7.B7.F4.H32		1560	1305	255	F.V415.08	ODS 1 1/8"	1/2"	3xSW38	168,1	127,4	CAT.IV
200	V10A.60B.200.B8.B8.B8.F4.H32	600	1750	1495	255	F.V415.08	ODS 1 3/8"	1/2"	3xSW38	194,9	139,7	CAT.IV
225	V11A.60B.225.B8.B8.B8.F4.H32		1630	1260	280	F.V480.08	ODS 1 3/8"	1/2"	3xSW38	216,1	147,0	CAT.IV
250	V11A.60B.250.B8.B8.B8.F4.H32		1780	1410	280	F.V480.08	ODS 1 3/8"	1/2"	3xSW38	243,7	174,6	CAT.IV
300	V12A.60B.300.B8.B8.B8.F4.H32	600	1770	1400	400	F.V550.10	ODS 1 3/8"	1/2"	3xSW38	292,4	209,5	CAT.IV
350	V12A.60B.350.B8.B8.B8.F4.H32		2020	1650	400	F.V550.10	ODS 1 3/8"	1/2"	3xSW38	336,1	307,2	CAT.IV
350	V13A.60B.350.B9.B9.B9.F4.H32		1420	1050	400	F.V650.10	ODS 42	1/2"	3xSW38	341,1	244,5	CAT.IV
400	V13A.60B.400.B9.B9.B9.F4.H32	600	1630	1260	400	F.V650.10	ODS 42	1/2"	3xSW38	389,9	279,4	CAT.IV
450	V13A.60B.450.B9.B9.B9.F4.H32		1820	1450	400	F.V650.10	ODS 42	1/2"	3xSW38	436,6	315,2	CAT.IV
500	V13A.60B.500.B10.B10.B10.F4.H32		1930	1560	400	F.V650.10	ODS 2 1/8"	1/2"	3xSW38	487,4	354,3	CAT.IV

At +20°C Liquid temperature, %90 receiver volume.

+20°C Likit sıcaklığı, %90 tank hacmi esas alınmıştır.



Vertical Liquid Receivers

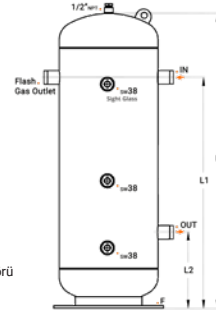
Dikey Likit Tankları



V.90B

Optional
Heat Exchanger
Electronic Level Sensor
Extra Connections

Opsiyonel
Isı Eşanjörü
Elektronik Seviye Sensörü
Ekstra Bağlantılar



PS	[PS1] 90 Bar	[PS2] 67,5 Bar
TS	- 20 / + 130°C	- 40 / - 20°C
GAS	R744	

Volume [L]	Model	Dimensions [mm]				Support [F]	Inlet, Outlet & FGO [Inch]	NPT [Inch]	Sight Glass [SG]	Kg Of Capacity		Category [PED]
		Ø D	L	L1	L2					R410A	R744	
4	V5A.90B.04.BH3.BH3.BH3.FH4.H30	140	325	205	150	F.V170.05	ODS 1/2"	1/2"	1xSW38	3,9	2,8	CAT.II
5	V5A.90B.05.BH3.BH3.BH3.FH4.H30		395	275	150	F.V170.05	ODS 1/2"	1/2"	1xSW38	4,8	3,2	CAT.II
6	V5A.90B.06.BH3.BH3.BH3.FH4.H30		475	355	150	F.V170.05	ODS 1/2"	1/2"	1xSW38	5,8	4,2	CAT.II
8	V6A.90B.08.BH4.BH4.BH4.FH4.H30	168	475	325	180	F.V190.05	ODS 5/8"	1/2"	1xSW38	7,8	5,6	CAT.II
10	V6A.90B.10.BH4.BH4.BH4.FH4.H30		550	400	180	F.V190.05	ODS 5/8"	1/2"	1xSW38	9,7	7,0	CAT.II
12	V6A.90B.12.BH4.BH4.BH4.FH4.H31		660	510	180	F.V190.05	ODS 5/8"	1/2"	2xSW38	12,7	8,4	CAT.III
14	V6A.90B.14.BH4.BH4.BH4.FH4.H31	219	770	620	180	F.V190.05	ODS 5/8"	1/2"	2xSW38	13,6	9,8	CAT.III
16	V6A.90B.16.BH4.BH4.BH4.FH4.H31		870	720	180	F.V190.05	ODS 5/8"	1/2"	2xSW38	15,6	11,2	CAT.III
18	V7A.90B.18.BH4.BH4.BH4.FH4.H30		560	410	180	F.V250.05	ODS 5/8"	1/2"	1xSW38	17,5	12,6	CAT.III
20	V7A.90B.20.BH4.BH4.BH4.FH4.H30	273	630	480	180	F.V250.05	ODS 5/8"	1/2"	1xSW38	19,5	14,0	CAT.III
25	V7A.90B.25.BH6.BH6.BH6.FH4.H31		755	605	180	F.V250.05	ODS 7/8"	1/2"	2xSW38	24,4	17,5	CAT.III
30	V7A.90B.30.BH6.BH6.BH6.FH4.H31		905	755	180	F.V250.05	ODS 7/8"	1/2"	2xSW38	29,2	21,0	CAT.III
40	V7A.90B.40.BH6.BH6.BH6.FH4.H31	273	1210	1060	180	F.V250.05	ODS 7/8"	1/2"	2xSW38	39,0	27,9	CAT.IV
30	V8A.90B.30.BH6.BH6.BH6.FH4.H30		585	385	220	F.V310.05	ODS 7/8"	1/2"	1xSW38	29,2	21,0	CAT.III
40	V8A.90B.40.BH6.BH6.BH6.FH4.H30		785	585	220	F.V310.05	ODS 7/8"	1/2"	1xSW38	39,0	27,9	CAT.IV
50	V8A.90B.50.BH6.BH6.BH6.FH4.H31	324	975	775	220	F.V310.05	ODS 7/8"	1/2"	2xSW38	48,7	34,9	CAT.IV
60	V8A.90B.60.BH6.BH6.BH6.FH4.H31		1165	965	220	F.V310.05	ODS 7/8"	1/2"	2xSW38	58,5	41,9	CAT.IV
70	V8A.90B.70.BH6.BH6.BH6.FH4.H32		1355	1155	220	F.V310.05	ODS 7/8"	1/2"	3xSW38	67,2	45,1	CAT.IV
80	V8A.90B.80.BH7.BH7.BH7.FH4.H32	406	1545	1345	220	F.V310.05	ODS 1 1/8"	1/2"	3xSW38	78,0	55,9	CAT.IV
90	V8A.90B.90.BH7.BH7.BH7.FH4.H32		1755	1555	220	F.V310.05	ODS 1 1/8"	1/2"	3xSW38	86,4	64,3	CAT.IV
40	V9A.90B.40.BH6.BH6.BH6.FH4.H31		555	325	260	F.V360.08	ODS 7/8"	1/2"	2xSW38	38,4	24,8	CAT.IV
50	V9A.90B.50.BH6.BH6.BH6.FH4.H31	450	710	480	260	F.V360.08	ODS 7/8"	1/2"	2xSW38	48,7	34,9	CAT.IV
60	V9A.90B.60.BH6.BH6.BH6.FH4.H31		850	620	260	F.V360.08	ODS 7/8"	1/2"	2xSW38	58,5	41,9	CAT.IV
70	V9A.90B.70.BH6.BH6.BH6.FH4.H31		970	740	260	F.V360.08	ODS 7/8"	1/2"	2xSW38	67,2	50,6	CAT.IV
80	V9A.90B.80.BH7.BH7.BH7.FH4.H31	508	1110	880	260	F.V360.08	ODS 1 1/8"	1/2"	2xSW38	78,0	55,9	CAT.IV
90	V9A.90B.90.BH7.BH7.BH7.FH4.H32		1255	1025	260	F.V360.08	ODS 1 1/8"	1/2"	3xSW38	86,4	64,3	CAT.IV
100	V9A.90B.100.BH7.BH7.BH7.FH4.H32		1410	1180	260	F.V360.08	ODS 1 1/8"	1/2"	3xSW38	97,5	69,8	CAT.IV
125	V9A.90B.125.BH7.BH7.BH7.FH4.H32	508	1710	1480	260	F.V360.08	ODS 1 1/8"	1/2"	3xSW38	121,8	87,3	CAT.IV
150	V9A.90B.150.BH7.BH7.BH7.FH4.H32		2110	1880	260	F.V360.08	ODS 1 1/8"	1/2"	3xSW38	146,2	104,8	CAT.IV
100	V10A.90B.100.BH7.BH7.BH7.FH4.H32		910	645	265	F.V415.08	ODS 1 1/8"	1/2"	3xSW38	97,5	69,8	CAT.IV
125	V10A.90B.125.BH7.BH7.BH7.FH4.H32	508	1120	855	265	F.V415.08	ODS 1 1/8"	1/2"	3xSW38	120,0	78,6	CAT.IV
150	V10A.90B.150.BH7.BH7.BH7.FH4.H32		1340	1075	265	F.V415.08	ODS 1 1/8"	1/2"	3xSW38	146,2	104,8	CAT.IV
175	V10A.90B.175.BH7.BH7.BH7.FH4.H32		1560	1295	265	F.V415.08	ODS 1 1/8"	1/2"	3xSW38	168,1	127,4	CAT.IV
200	V10A.90B.200.BH8.BH8.BH8.FH4.H32	508	1750	1485	265	F.V415.08	ODS 1 3/8"	1/2"	3xSW38	194,9	139,7	CAT.IV
225	V11A.90B.225.BH8.BH8.BH8.FH4.H32		1630	1370	290	F.V480.08	ODS 1 3/8"	1/2"	3xSW38	216,1	147,0	CAT.IV
250	V11A.90B.250.BH8.BH8.BH8.FH4.H32		1780	1520	290	F.V480.08	ODS 1 3/8"	1/2"	3xSW38	243,7	174,6	CAT.IV
300	V12A.90B.300.BH8.BH8.BH8.FH4.H32	600	1770	1400	400	F.V550.10	ODS 1 3/8"	1/2"	3xSW38	292,4	209,5	CAT.IV
350	V12A.90B.350.BH8.BH8.BH8.FH4.H32		2020	1650	400	F.V550.10	ODS 1 3/8"	1/2"	3xSW38	336,1	307,2	CAT.IV
350	V13A.90B.350.BH9.BH9.BH9.FH4.H32		1420	1050	400	F.V650.10	ODS 42	1/2"	3xSW38	341,1	244,5	CAT.IV
400	V13A.90B.400.BH9.BH9.BH9.FH4.H32	600	1630	1260	400	F.V650.10	ODS 42	1/2"	3xSW38	389,9	279,4	CAT.IV
450	V13A.90B.450.BH9.BH9.BH9.FH4.H32		1820	1450	400	F.V650.10	ODS 42	1/2"	3xSW38	436,6	315,2	CAT.IV
500	V13A.90B.500.BH10.BH10.BH10.FH4.H32		1930	1560	400	F.V650.10	ODS 2 1/8"	1/2"	3xSW38	487,4	354,3	CAT.IV

At +20°C Liquid temperature, %90 receiver volume.

+20°C Likit sıcaklığı, %90 tank hacmi esas alınmıştır.

Vertical Liquid Receivers

Dikey Likit Tankları



Heat Exchangers

In CO2 liquid tanks, heat exchangers can be used based on demand. Please determine the appropriate scale for your needs. After that, we will prepare the suitable design and technical drawings to send you.

Isı Eşanjörleri

CO2 likit tanklarında talep doğrultusunda ısı eşanjörleri kullanılabilir. Lütfen size uygun ölçeği belirleyin. Ardından, uygun tasarımı ve teknik çizimi hazırlayıp size iletelim.



We Design According to Your Specifications !

We design products tailored to customer needs for carbon dioxide liquid tanks. You can view the specified diameters and dimensions based on product volumes in the table.

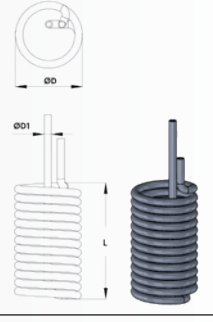
First, determine your volume and select the appropriate scale. Then, choose the types of connections you need, and we will prepare the suitable design and technical drawings to send you.

Our connection types include:

- Inlet/Outlet Connections
- NPT, SAE, ODS Connections
- Sight Glasses
- Heat Exchangers
- Metal Plates
- Bolts

If you have any special requests, please let us know.

Model	Volume [L]	Dimensions [mm]			Spiral
		Ø D1	Ø D	L	
HE01	0,26	16	140	113	6
HE02	0,41	16	250	109	7
HE03	0,67	16	140	253	13
HE04	1,00	22	220	245	6
HE05	1,48	22	220	245	9
HE06	1,75	22	290	200	8
HE07	2,19	28	345	163	5



Size Uygun Tasarlıyoruz !

Karbondiyoksit likit tankları için müşteri taleplerine uygun ürün tasarımları yapıyoruz. Ürün hacimlerine göre belirlenmiş çap ve boy ölçeklerini tablomuzda görebilirsiniz.

Öncelikle hacminizi ve size uygun ölçeği belirleyin. Ardından, ihtiyaç duyduğunuz bağlantı türlerini seçtikten sonra, uygun tasarımı ve teknik çizimi hazırlayıp size iletelim.

Bağlantı türlerimiz:

- Giriş / Çıkış Bağlantıları
- NPT, SAE, ODS Bağlantıları
- Gözetleme Camları
- Isı Eşanjörleri
- Metal Plakalar
- Civatalar

Herhangi bir özel talebiniz varsa, lütfen bizimle paylaşın.

Collectors

Kollektörler

CLTR.33B / 45B / 60B / 90B / 140B



Introduction

- Our company manufactures collectors with any desired diameter, length and features according to certain standards.
- Collectors may be designed and manufactured together with H48 Filter Drier Shells upon request.
- Please, contact us for further information.

Note: 33, 45, 60, 90, 140 Bar It is sufficient to add pressure to the code after CLTR. For example, if you need 60 Bar collector please change the code as **CLTR.60B**.

Operation with R717* (ammonia)

Our products are generally suitable for Group 1 fluids. For details, please contact us. Plastic balls are not used in sight glasses for R717, and rotalock valves are not suitable, welded connections are recommended.

Optional

- Sight glass
- Safety valve
- Rotalock valve
- Liquid level sensor
- Extra connections

Opsiyonel

- Gözetleme camı
- Emniyet ventili
- Rotalok vana
- Likit seviye sensörü
- Ekstra bağlantılar

Genel Tanım

- Firmamız belli standartlar doğrultusunda istenilen her türlü çapta, boyda ve özellikle kollektör üretebilmektedir.
- Talep doğrultusunda kollektörler H48 Kartuş kovanları ile birlikte dizayn edilip üretebilmektedir.
- Daha fazla bilgi için lütfen iletişime geçiniz.

Not: 33, 45, 60, 90, 140 Bar İsteddiğiniz işletim basıncını CLTR. kodunun devamında yazmanız yeterli olacaktır. Örneğin, 60 barlık bir ürün talep ettiğinizde kodu **CLTR.60B** olarak değiştirebilirsiniz.

R717* (amonyak) ile çalışma

Ürünlerimiz, genel olarak Grup 1 akışkanlar için uygundur. Detaylar için iletişime geçebilirsiniz. R717 kullanımında gözetleme camlarında plastik top ve rotalok vanalar kullanılmaz; kaynaklı bağlantı önerilir.

Rotalock Valves | Rotalok Vanaları

Order No	Model	Rotalock Connection	Inlet Connection	Service Connection	Body [mm]	Working Pressure
C1	RV.45B-1/4	Rot. 1"	1/4" ODS	2x 1/4" SAE	20	45 Bar
C2	RV.45B-3/8		3/8" ODS	2x 1/4" SAE	20	
C3	RV.45B-1/2		1/2" ODS	2x 1/4" SAE	20	
C4	RV.45B-5/8		5/8" ODS	2x 1/4" SAE	20	
C17	RV.45B-5/8X	Rot. 1 1/4"	5/8" ODS	2x 1/4" SAE	22	
C5	RV.45B-3/4		3/4" ODS	2x 1/4" SAE	22	
C6	RV.45B-7/8		7/8" ODS	2x 1/4" SAE	22	
C16	RV.45B-1 1/8X		1 1/8" ODS	2x 1/4" SAE	22	
C7	RV.45B-1 1/8	Rot. 1 3/4"	1 1/8" ODS	2x 1/4" SAE	30	
C8	RV.45B-1 3/8		1 3/8" ODS	2x 1/4" SAE	30	
C11	RV.45B-1 5/8X		42 ODS	2x 1/4" SAE	30	
C9	RV.45B-1 5/8	Rot. 2 1/4"	42 ODS	2x 1/4" SAE	50	
C10	RV.45B-2 1/8		2 1/8" ODS	2x 1/4" SAE	50	
C15	RV.45B-1/4S	Rot. 1"	1/4" SAE	2x 1/4" SAE	20	
C12	RV.45B-3/8S		3/8" SAE	2x 1/4" SAE	20	
C13	RV.45B-1/2S		1/2" SAE	2x 1/4" SAE	20	
C14	RV.45B-5/8S		5/8" SAE	2x 1/4" SAE	20	



Cast Iron Stop Valves | Dökme Demir Stop Vanaları

Order No	Model	Length [mm]	Inlet Connection	Service Connection	Working Pressure
D1	CV.45B-54	292	2 1/8" ODS	2x 1/4" NPT	45 Bar
D2	CV.45B-66	292	2 5/8" ODS		
D3	CV.45B-66x	380	2 5/8" ODS		
D4	CV.45B-80	380	3 1/8" ODS		
D5	CV.45B-92	380	3 5/8" ODS		
D6	CV.45B-102	412	4" ODS		



Flange Connections | Flanş Bağlantıları

Order No	Model	Flange Diameter [Ø]	Screw Connection	Inlet Connection	Klinger Gasget	Working Pressure
E1	FLC.033B.101	115,0	6xM12	2 1/8" ODS	108.071.059.000.K01	33 Bar
E2	FLC.033B.102	131,5	6xM12	2 5/8" ODS	108.084.072.000.K01	
E3	FLC.033B.103	166,5	6xM14	3" ODS	108.105.085.000.K01	
E4	FLC.033B.104	166,5	6xM14	3 1/8" ODS	108.105.085.000.K01	
E5	FLC.033B.105	195,0	6xM16	3 5/8" ODS	108.117.098.000.K01	
E6	FLC.033B.106	200,0	8xM16	4" ODS	108.125.108.000.K01	
E7	FLC.033B.107	230,0	8xM16	4 1/2" ODS	108.142.123.000.K01	



Sight Glasses | Gözetleme Camları

Order No	Quantity x Model	Connection	Maximum Allowable Pressure [PS]	Allowable Temperature [TS]
H20	1x SW36	1 1/8"-18 UNEF	50 bar	-20°C / 130°C
H21	2x SW36			
H22	3x SW36			
H30	1x SW38	1 1/8"-18 UNEF	130 bar 97,5 bar	-20°C / 130°C -40°C / -20°C
H31	2x SW38			
H32	3x SW38			
H50	1x SW50	M26x1,5	140 bar 105 bar	-20°C / 150°C -40°C / -20°C
H51	2x SW50			
H52	3x SW40			
Order No	Quantity x Model	Connection	Maximum Allowable Pressure [PS]	Allowable Temperature [TS]
H4	1x SG134	Rot. 1 3/4"	45 bar 33 bar	-20°C / 130°C -40°C / -20°C
H5	2x SG134			
H6	3x SG134			



- [1] Sight Glass
- [2] Float Ball
- [3] HNBR O-Ring
- [4] Welding Conn.

Gözetleme Camı
Top
HNBR O-Ring
Kaynak Bağlantısı



- [1] Prism Sight Glass
- [2] Metal O-Ring
- [3] Welding Conn.

Prizma Gözetleme Camı
Metal O-Ring
Kaynak Bağlantısı



- [1] Rotalock Conn.
- [2] Sight Glass
- [3] Float Ball
- [4] Teflon Gasket
- [5] Cage
- [6] Rot. Connection

Rotalok Bağlantı
Gözetleme Camı
Top
Teflon Conta
Kafes
Rot. Bağlantısı





Oil Pressure Valves | Yağ Basınç Valfleri

OLAB

Order No	Model	Pressure Setting (barg)	Kv Factor [m³/h]	PS [bar]	TS [°C]	Inlet Connection	Outlet Connection
S1	33002-FM-02-D-2	1,5 Fixed	1,5	45	-40 / +150	3/8" SAE Female	3/8" SAE Male
S2	33003-FM-02-D-2	3,0 Fixed					



Oil Pressure Valves | Yağ Basınç Valfleri

CASTEL

Order No	Model	Pressure Setting (barg)	Kv Factor [m³/h]	PS [bar]	TS [°C]	Inlet Connection	Outlet Connection
S02	3150W/X02	1,4 Fixed	1,6	80	-40 / +150	3/8" SAE Female	3/8" SAE Male
S03	3150W/X03	3,0 Fixed					

Safety Valves | Emniyet Ventilleri

OLAB

Order No	Code	Inlet Male [NPT]	Outlet Male [SAE]	Orifice Ø [mm]	Discharge Coefficient	PS [bar]	TS [°C]	Set Press. Range	Over Pressure	Blowdown
G1	40070-K2N2-0-280	1/4"	3/8"	7	0,6	28	-50 / +150	28 / 45 bar	10% of set pressure	10% of set pressure
G2	40070-K3N2-0-280	3/8"	3/8"	7	0,6	28				
G3	40095-K4N4-0-280	1/2"	5/8"	9,5	0,45	28				
G5	40095-K4N4-0-300	1/2"	5/8"	9,5	0,45	30				
G6	40095-K4N4-0-450	1/2"	5/8"	9,5	0,45	45				



Safety Valves | Emniyet Ventilleri

CASTEL

Order No	Code	Inlet Male [NPT]	Outlet Male [SAE]	Orifice Ø [mm]	Discharge Coefficient	PS [bar]	TS [°C]	Set Press. Range	Over Pressure	Blowdown
G28	3060/45C-28	1/2"	5/8"	9,5	0,45	28	-50 / +120	9 / 50 bar	10% of set pressure	10% of set pressure
G30	3060/45C-30	1/2"	5/8"	9,5	0,45	30				
G45	3060/45C-45	1/2"	5/8"	9,5	0,45	45				



Shut-Off Valve For Safety Valves | Emniyet Ventili İçin Kapama Vanası

Order No	Code	Inlet Male [NPT]	Outlet Male [SAE]	DN Ø [mm]	PS [bar]
G50	37000-FM-03-03-13-2	1/2"	1/2"	13	80



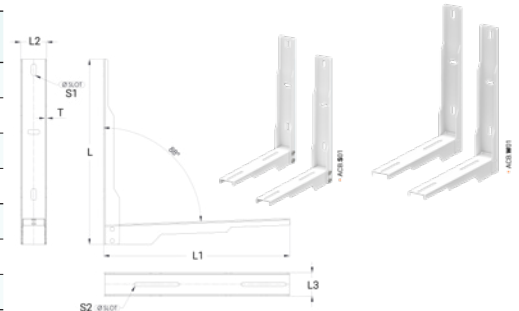
Changeover Valves | Değişim Vanaları

Order No	Code	Inlet Male [NPT]	Outlet Female [NPT]	Orifice Ø [mm]	PS [bar]	TS [°C]	Over Pressure	Blowdown
G22	3032/44	1/2"	1/2"	13	80	-35 / +105	10% of set pressure	10% of set pressure



Air Conditioner Brackets | Klima Montaj Konsolları

Type	Model	BTU	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	Thickness [T]	Slot [S1]	Slot [S2]
Welded type Kaynaklı tip	ACB.W01.400	9000-12000	395	396	55	50	2	Ø8x95	Ø10x25
	ACB.W01.500	18000-24000	490	492	65	60	2	Ø8x95	Ø10x25
	ACB.W01.600	30000-60000	566	568	65	60	2	Ø8x130	Ø10x25
	ACB.W01.700	-	595	691	93	70	2	Ø10x130	Ø10x25
Screw type Vidalı tip	ACB.S01.400	9000-12000	395	396	55	50	2	Ø8x95	Ø10x25
	ACB.S01.500	18000-24000	490	492	65	60	2	Ø8x95	Ø10x25
	ACB.S01.600	30000-60000	566	568	65	60	2	Ø8x130	Ø10x25



Model	33-45 Bar [L] [mm]	Teflon Gasket for Rotalock Conn.	Outside Diameter Ø D [mm]	Thickness [mm]	Connection [Inch]	Picture of Product
A1	21	108.015.011.015.T01	14,5	1,5	ROT 3/4"	Rotalock Connections Rotalok Bağlantı Manşonları
A2	25	108.019.016.015.T01	19,0	1,5	ROT 1"	
A3	25	108.026.022.015.T01	25,5	1,5	ROT 1 1/4"	
A4	32	108.039.035.015.T01	38,5	1,5	ROT 1 3/4"	
A5	35	108.051.047.015.T01	51,0	1,5	ROT 2 1/4"	

Model	33-45-60 Bar [L] [mm]	Model	90-140 Bar [L] [mm]	Dimension [D1] [mm]	Connection [Inch]	Picture of Product
B1	30	BH1	40	6,60	ODS 1/4"	Solder Connections Kaynaklı Bağlantı Manşonları
B2	30	BH2	40	9,70	ODS 3/8"	
B3	30	BH3	40	12,90	ODS 1/2"	
B4	33	BH4	40	16,10	ODS 5/8"	
B5	37	BH5	50	19,25	ODS 3/4"	
B6	40	BH6	50	22,40	ODS 7/8"	
B7	40	BH7	50	28,80	ODS 1 1/8"	
B8	40	BH8	50	35,20	ODS 1 3/8"	
B9	40	BH9	50	42,20	ODS 42	
B10	40	BH10	50	54,30	ODS 2 1/8"	
B11	50	BH11	60	63,80	ODS 2 1/2"	
B12	50	BH12	60	67,00	ODS 2 5/8"	
B13	60	BH13	70	76,60	ODS 3"	
B14	60	BH14	70	80,00	ODS 3 1/8"	
B15	60	BH15	70	92,60	ODS 3 5/8"	
B16	80	BH16	90	102,00	ODS 4"	
B17	80	BH17	90	105,30	ODS 4 1/8"	
B18	80	BH18	90	108,50	ODS 4 1/4"	
B19	80	BH19	90	114,80	ODS 4 1/2"	
B20	80	BH20	90	140,00	ODS 5 1/2"	

Model	33-45 Bar [L] [mm]	Model	60-140 Bar [L] [mm]	Dimension [D1] [mm]	Connection [Inch]	Picture of Product
Y1	28	YH1	50	-	SAE 1/4"	SAE Connections SAE Bağlantı Manşonları
Y2	28	YH2	50	-	SAE 3/8"	
Y3	29	YH3	50	-	SAE 1/2"	
Y4	30	YH4	50	-	SAE 5/8"	

Model	33-45 Bar [L] [mm]	Model	60-140 Bar [L] [mm]	Dimension [D1] [mm]	Connection [Inch]	Picture of Product
F1	16	FH1	40	-	NPT 1/8"	NPT & M20 Connections NPT & M20 Bağlantı Manşonları
F2	16	FH2	40	-	NPT 1/4"	
F3	16	FH3	40	-	NPT 3/8"	
F4	18	FH4	40	-	NPT 1/2"	
F5	18	FH5	40	-	M20X1,5	
F6	35	FH6	40	-	NPT 3/4"	
F7	40	FH7	40	-	NPT 1"	

Connection Parts

- Connection parts are fully produced in our plant by CNC machines.
- All raw materials are certified.
- Special connection parts are available.

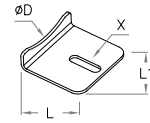
Bağlantı Manşonları

- Bağlantı aparatlarının tamamı fabrikamızda CNC makineler ile üretilmektedir.
- Hammaddelerin tamamı sertifikalı ürünlerdir.
- Özel bağlantı elemanları yapılmaktadır.

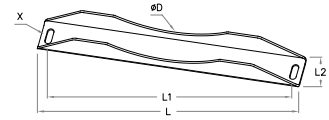


Model	Ø (D) [mm]	Ø (D1) [mm]	L [mm]	L1	L2	L3	X	Type
A.H089.03	89	-	80	80	-	-	11*35	A
A.H114.03	114	-	80	80	-	-	11*35	A
A.H120.03	120	-	80	80	-	-	11*35	A
A.H140.03	140	-	80	80	-	-	11*35	A
A.H160.03	160	-	80	80	-	-	11*35	A
A.H168.03	168	-	120	80	-	-	11*35	A
A.H180.03	180	-	80	80	-	-	11*35	A
A.H219.03	219	-	100	100	-	-	11*35	A
B.H140.03	140	-	170	145	40	-	10*20	B
B.H168.03	168	-	195	170	40	-	10*20	B
B.H219.03	219	-	260	235	40	-	10*20	B
B.H273.03	273	-	350	325	50	-	10*25	B
B.H324.03	324	-	400	375	50	-	10*25	B
B.H406.03	406	-	480	440	60	-	14*35	B
B.H450.05	450	-	550	510	100	-	14*45	B
B.H508.06	508	-	600	560	110	-	14*60	B
B.H600.08	600	-	700	660	120	-	14*60	B
B.H750.08	750	-	850	810	150	-	16*80	B
B.H850.08	850	-	950	910	150	-	16*80	B
C.VHF1.04	-	-	143	50	80	50	11*20	C
C.VHF1.06	-	-	228	50	100	55	11*25	C
C.VHF2.06	-	-	248	50	120	70	11*25	C
D.V085.02	85	-	-	-	-	-	M10	D
E.V136.03	136	111	-	-	-	-	8,5*30	E
E.V162.03	162	142	-	-	-	-	8,5*30	E
E.V187.03	187	168	-	-	-	-	8,5*30	E
E.V205.03	205	168	-	-	-	-	8,5*30	E
E.V247.03	247	210	-	-	-	-	13*60	E
E.V320.03	320	280	-	-	-	-	13*80	E
F.V135.05	135	115	-	-	-	-	8,5*30	F
F.V170.05	170	140	-	-	-	-	8,5*30	F
F.V190.05	190	160	-	-	-	-	8,5*30	F
F.V250.05	250	205	-	-	-	-	13*60	F
F.V310.05	310	265	-	-	-	-	13*60	F
F.V360.08	360	320	-	-	-	-	15*80	F
F.V415.05	415	380	-	-	-	-	15*80	F
F.V415.08	415	380	-	-	-	-	15*80	F
F.V480.06	480	430	-	-	-	-	15*80	F
F.V480.08	480	430	-	-	-	-	15*80	F
F.V550.08	550	500	-	-	-	-	15*80	F
F.V550.10	550	500	-	-	-	-	15*80	F
F.V650.08	650	600	-	-	-	-	15*80	F
F.V650.10	650	600	-	-	-	-	15*80	F
F.V750.08	750	700	-	-	-	-	15*80	F
F.V750.10	750	700	-	-	-	-	15*80	F
F.V850.08	850	800	-	-	-	-	15*80	F
F.V850.10	850	800	-	-	-	-	15*80	F

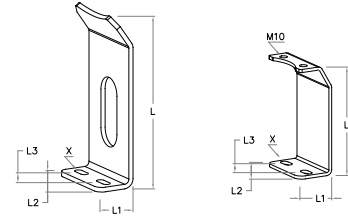
Type A



Type B



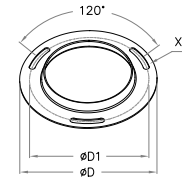
Type C



Type D



Type E



Type F

