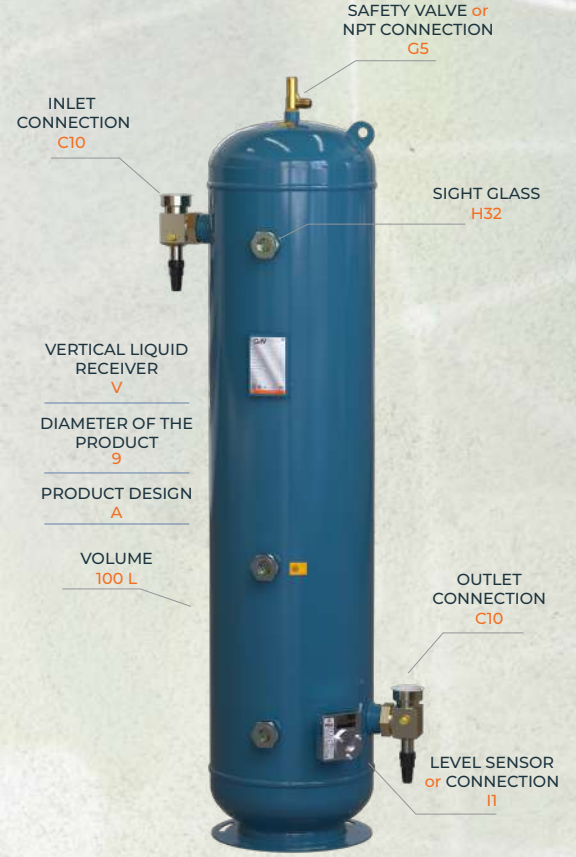


LIQUID RECEIVER CODE CONFIGURATION LİKİT TANKI KOD OLUŞTURMA

V	9	A	33B	100	C10	C10	G5	H32	11
VERTICAL LIQUID RECEIVER - DİKEY LİKİT TANKI									
V	9	A	33B	100	C10	C10	G5	H32	11
DIAMETER OF THE PRODUCT - ÜRÜN ÇAPİ									
V	9	A	33B	100	C10	C10	G5	H32	11
PRODUCT DESIGN - ÜRÜN DİZAYNI									
V	9	A	33B	100	C10	C10	G5	H32	11
WORKING PRESSURE - ÇALIŞMA BASINCI									
V	9	A	33B	100	C10	C10	G5	H32	11
VOLUME - HACİM									
V	9	A	33B	100	C10	C10	G5	H32	11
INLET CONNECTION - GİRİŞ BAĞLANTISI									
V	9	A	33B	100	C10	C10	G5	H32	11
OUTLET CONNECTION - ÇIKIŞ BAĞLANTISI									
V	9	A	33B	100	C10	C10	G5	H32	11
SAFETY VALVE OR NPT CONNECTION - EMNİYET VENTİLİ VEYA NPT BAĞLANTI									
V	9	A	33B	100	C10	C10	G5	H32	11
SIGHT GLASS - GÖZETLEME CAMI									
V	9	A	33B	100	C10	C10	G5	H32	11
LEVEL SENSOR OR CONNECTION - SEVİYE SENSÖRÜ VEYA BAĞLANTISI									

V	VERTICAL LIQUID RECEIVER DİKEY LİKİT TANKI								
H	HORIZONTAL LIQUID RECEIVER YATAY LİKİT TANKI								
HC	HORIZONTAL LIQUID RECEIVER & BASEPLATE KOMPRESÖR AYAKLI YATAY LİKİT TANKI								
HV	UNIVERSAL LIQUID RECEIVER UNİVERSAL LİKİT TANKI								



* Note

For 45 Bar operating pressure, edit the product code as V.45B / H.45B instead of V.33B / H.33B
V.45B / H.45B series liquid receivers are designed for subcritical CO2 applications.
GVN liquid receivers can be offered with volumes of up to 1000 liters.
Liquid receivers are protected against corrosion by a 500-hour salt spray test resisting coating.

* Operation with R717 (ammonia)

HV series products can be produced for all hazardous refrigerants on request.
- For Group 1 fluids (except R717) please create the product code as HV.FL1.33B.
Welding connections are recommended.
- For R717 please create the product code as HV.NH3.33B.

* Not

45 Bar işletim basıncı için ürün kodunu V.33B / H.33B yerine V.45B / H.45B olarak düzenleyiniz.
V.45B / H.45B serisi likit tankları, subkritik CO2 uygulamaları için tasarlanmıştır.
GVN likit tankları 1000 litreye kadar üretilebilmektedir.
Likit tankları, 500 saatlik tuz püskürtme testine dayanıklı kaplama ile korozyona karşı korunur.

* R717 (amonyak) ile çalışma

HV serisi ürünler talep üzerine tüm tehlikeli sıvılar için üretilebilir.
- Grup 1 akışkanlar (R717 hariç) için ürün kodunu HV.FL1.33B olarak oluşturunuz.
Kaynaklı bağlantı kullanımı tavsiye edilmektedir.
- R717 kullanımı için ürün kodunu HV.NH3.33B olarak oluşturunuz.

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 is placed next to condenser outlet at the high pressure side of the refrigeration circuit.

Selection

Liquid receivers must be determined according to amount of refrigerant in the system.

Volume

There are alternative products with different diameters and lengths hereby you can easily select the most suitable product for your system.

Connections

Different connections can be used, besides, we can make custom production according to the drawing you provide.

Warning

- Before installing rotalock valve, ensure that gasket and gasket channel are clean and not damaged.
- Before mounting liquid level sensor, ensure that the gasket is placed correctly and not damaged.
- Sight glasses are mounted by us, do not make any operation with them. When carrying out a general leaking test check if there is any leak at the sight glasses and please ensure that they are not damaged.

Note

If you want to add rotalock valves, sight glasses, level sensors or other accessories please correct products code accordingly using p.9 for your reference. Please contact us for custom-made product requests.

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 (sıvı deposu) soğutma devresinin yüksek basınç tarafında kondenser çıkışında kullanılmaktadır.

Seçim

Likit tankları tesisdeki soğutucu akışkan miktarına göre belirlenmelidir.

Hacim

Aynı hacim ürünlerde farklı alternatif çap ve boylarda ürün bulunmaktadır ve böylelikle sisteminiz için en uygun ürün kolaylıkla sağlanabilmektedir.

Manşon Bağlantısı

Farklı bağlantı manşonları seçilebilir veya tarafımıza göndereceğiniz teknik çizimlere göre özel üretimler yapılabilir.

Uyarılar

- Rotalok vana montajını gerçekleştirmeden önce, conta ve conta yuvasının temiz ve zarar görmediğinden emin olunuz.
- Likit seviye sensör montajını gerçekleştirmeden önce, contanın doğru yerleştirildiğinden emin olunuz.
- Gözetleme camları tarafımızca montajlandığından herhangi bir işlem yapmayınız, genel sızdırmazlık testi yapıldığında gözetleme camında herhangi bir sızıntı olup olmadığını kontrol ediniz ve camın zarar görmediğinden emin olunuz.

Not

Vana, gözetleme camı, emniyet ventili, seviye sensörü ve artı bağlantı manşonları gibi aksesuarları ürün kodu üzerinde düzenleyerek sipariş oluşturabilirsiniz. Ürün kodu oluşturmak ile ilgili sayfa 9'u inceleyebilirsiniz. Özel talepler ile ilgili lütfen iletişime geçiniz.

LIQUID RECEIVERS VLR - HLR

LİKİT TANKLARI

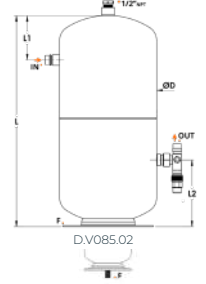
Technical Specifications	Teknik Özellikler			
VLR.33B / 30B - HLR.33B / 30B				
Working pressure	Çalışma basıncı	[PS]	[PSI] 33 Bar / 30 Bar	[PS2] 24 Bar / 22 Bar
Min./max. allowable temperature	Min./max. izin verilen sıcaklık	[TS]	- 20 / + 130°C	- 40 / - 20°C
Available fluids	Kullanılabilir akışkanlar	GAS	HCFC, HFC, R290, R717*	

VERTICAL LIQUID RECEIVERS / DİKEY LİKİT TANKLARI / VLR.33B / 30B

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	40	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	50	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	55	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	60	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	65	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	65	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	65	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	90	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	90	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	90	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	100	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	100	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	219	480	100	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	100	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	100	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.

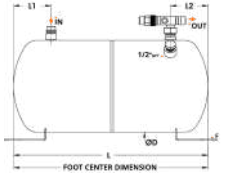


HORIZONTAL LIQUID RECEIVERS / YATAY LİKİT TANKLARI / HLR.33B / 30B

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	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	180	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		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	219	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	219	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.



Optional
Sight glass
Safety valve
Rotalock valve / Inlet
Extra connections

Opsiyonel
Gözetleme camı
Emniyet ventili
Rotalok vana / Giriş
Ekstra bağlantılar

* Operation with R717 (ammonia)

VLR-HLR series products can be produced for all hazardous refrigerants on request.
- For Group 1 fluids (except R717) please create the product code as VLR.FL1.33B.
Welding connections are recommended.
- For R717 please create the product code as VLR.NH3.33B.

* R717 (amonyak) ile çalışma

VLR-HLR serisi ürünler talep üzerine tüm tehlikeli sıvılar için üretilebilir.
- Grup 1 akışkanlar (R717 hariç) için ürün kodunu VLR.FL1.33B olarak oluşturunuz.
Kaynaklı bağlantı kullanımı tavsiye edilmektedir.
- R717 kullanımı için ürün kodunu VLR.NH3.33B olarak oluşturunuz.



Technical Specifications		Teknik Özellikler		V.33B					V.45B						
Working pressure	Çalışma basıncı	[PS]	[PS1] 33 Bar	[PS2] 24 Bar	[PS1] 45 Bar	[PS2] 33 Bar									
Min./max. allowable temperature	Min./max. izin verilen sıcaklık	[TS]	- 20 / + 130°C	- 40 / - 20°C	- 20 / + 130°C	- 40 / - 20°C									
Available fluids	Kullanılabilir akışkanlar	GAS	HCFC, HFC, R290, R717*					HCFC, HFC, R290, R-410A, R744, R717*							
Vol. [L]	Model	Dimensions [mm]				Support	Inlet & Outlet	NPT	Kg Of Capacity					Category [PED]	
		Ø D	L	L1	L2	[F]	[Inch]	[Inch]	R22	R134a	R407C	R404A	R410A	Group 2	Group 1
3	V4A.33B.03.A2.A2.F4	114	370	80	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	80	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	90	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	90	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	168	470	90	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		340	90	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	168	390	90	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	90	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	168	550	90	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	90	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	168	770	90	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	90	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	130	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	130	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	219	755	130	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	130	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	219	1060	130	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	130	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	219	1360	130	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	130	150	E.V205.03	Rot. 1 3/4"	1/2"	54,4	55,1	52,1	48,0	48,7	CAT.III	CAT.IV
30	V8A.33B.30.A3.A3.F4	273	585	180	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	180	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	273	785	180	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	180	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	273	975	180	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	180	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	273	1355	180	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	180	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	273	1755	180	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		555	210	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	324	640	210	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	210	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	324	850	210	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	210	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	324	1110	210	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	210	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	324	1410	210	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	210	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	324	2110	210	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	250	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	406	1120	250	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	250	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	406	1560	250	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	250	250	F.V415.05	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.

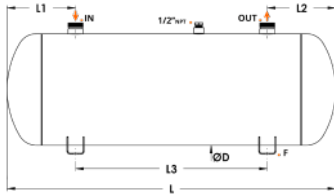
+20°C Likit sıcaklığı, %90 tank hacmi esas alınmıştır.

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
225	V11A.33B.225.A5.A5.F4	450	1630	250	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	250	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	300	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	300	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	340	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	340	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	400	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	400	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	450	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.



HORIZONTAL LIQUID RECEIVERS
YATAY LİKİT TANKLARI



Technical Specifications

Teknik Özellikler

H.33B

H.45B

Working pressure	Çalışma basıncı	[PS]	[PSI] 33 Bar	[PS2] 24 Bar	[PS1] 45 Bar	[PS2] 33 Bar
Min./max. allowable temperature	Min./max. izin verilen sıcaklık	[TS]	- 20 / + 130°C	- 40 / - 20°C	- 20 / + 130°C	- 40 / - 20°C
Available fluids	Kullanılabilir akışkanlar	GAS	HCFC, HFC, R290, R717*	HCFC, HFC, R290, R-40A, R744, R717*		

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	168	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		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	168	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	168	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	168	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	219	745	150	150	460	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	600	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	219	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	273	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
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	273	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	273	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	273	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	273	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

At +20°C Liquid temperature, %90 receiver volume. +20°C Likit sıcaklığı, %90 tank hacmi esas alınmıştır.

Vol. [L]	Model	Dimensions [mm]					Support		Inlet & Outlet		NPT [Inch]	Kg Of Capacity					Category [PED]	
		Ø D	L	L1	L2	L3	[F]	[F]	[Inch]	[Inch]		R22	R134a	R407C	R404A	R410A	Group 2	Group 1
40	H9A.33B.40.A4.A4.F4	324	545	190	190	170	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	810	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

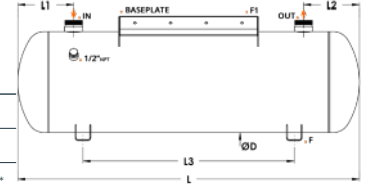
At +20°C Liquid temperature, %90 receiver volume.

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

HC HORIZONTAL LIQUID RECEIVERS & BASEPLATE

KOMPRESÖR AYAKLI YATAY LİKİT TANKLARI

Technical Specifications	Teknik Özellikler		HC.33B				HC.45B	
Working pressure	Çalışma basıncı	[PS]	[PS1] 33 Bar	[PS2] 24 Bar	[PS1] 45 Bar	[PS2] 33 Bar		
Min./max. allowable temperature	Min./max. izin verilen sıcaklık	[TS]	- 20 / + 130°C	- 40 / - 20°C	- 20 / + 130°C	- 40 / - 20°C		
Available fluids	Kullanılabilir akışkanlar	GAS	HCFC, HFC, R290, R717*		HCFC, HFC, R290, R-410A, R744, R717*			



Vol. [L]	Model	Dimensions [mm]					Support		Inlet & Outlet		NPT [Inch]	Kg Of Capacity					Category [PED]	
		Ø D	L	L1	L2	L3	[F]	[F]	[Inch]	[Inch]		R22	R134a	R407C	R404A	R410A	Group 2	Group 1
9	HC5.33B.09.A2.A2.F4	140	700	80	80	520	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.A3.A3.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	600	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	

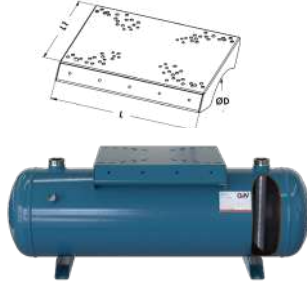
At +20°C Liquid temperature, %90 receiver volume.

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

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.

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		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



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.



UNIVERSAL LIQUID RECEIVERS

ÜNİVERSAL LİKİT TANKLARI

HV

		Technical Specifications		Teknik Özellikler		HV.33B					HV.45B							
		Working pressure	Çalışma basıncı	[PS]	[PSI] 33Bar	[PS2] 24 Bar	[PS1] 45 Bar	[PS2] 33 Bar										
		Min./max. allowable temperature	Min./max. izin verilen sıcaklık	[TS]	- 20 / + 130°C	- 40 / - 20°C	- 20 / + 130°C	- 40 / - 20°C										
		Available fluids	Kullanılabilir akışkanlar	GAS	HCFC, HFC, R290, R717*	HCFC, HFC, R290, R-410A, R744, R717*												
V.	Model	Dimensions [mm]						Support		Inlet & Outlet [Inch]	NPT [Inch]	Kg Of Capacity					Category [PED]	
		ØD	L	L1	L2	L3	L4	[F]	[F1]			R22	R134a	R407C	R404A	R410A	Group 2	Group 1
25	HV7.33B.25.A3.A3.F4	219	755	130	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	130	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	130	150	750	310			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	180	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	180	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	180	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	180	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	180	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	180	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	210	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	210	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	210	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	210	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	210	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	210	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		1710	210	240	1150	350			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	210	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	406	910	250	250	300	370	F.V415.05	B.H406.03	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	250	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	250	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	250	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	250	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.

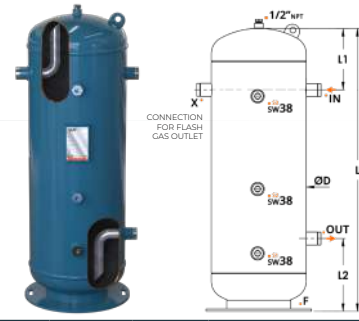
+20°C Likit sıcaklığı, %90 tank hacmi esas alınmıştır.

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.

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 LİKİT TANKLARI



Technical Specifications

Teknik Özellikler

V.60B

Working pressure	Çalışma basıncı	[PS]	[PS1] 60 Bar	[PS2] 45 Bar
Min./max. allowable temperature	Min./max. izin verilen sıcaklık	[TS]	- 20 / + 130°C	- 40 / - 20°C
Available fluids	Kullanılabilir akışkanlar	GAS	HCFC, HFC, R744	

Vol. [L]	Model	Dimensions [mm]				Support [F]	Inlet & Outlet & X [Inch]	Sight Glass [SG]	NPT [Inch]	Kg Of Capacity		Category [PED]	
		Ø D	L	L1	L2					R410A	R744	Group 2	Group 1
4	V5A.60B.04.B3.B3.B3.F4.H30	140	325	110	140	F.V170.05	ODS 1/2"	1xSW38	1/2"	3,9	2,8	CAT.II	CAT.III
5	V5A.60B.05.B3.B3.B3.F4.H30		395	110	140	F.V170.05	ODS 1/2"	1xSW38	1/2"	4,8	3,2	CAT.II	CAT.III
6	V5A.60B.06.B3.B3.B3.F4.H30		475	110	140	F.V170.05	ODS 1/2"	1xSW38	1/2"	5,8	4,2	CAT.II	CAT.III
8	V6A.60B.08.B4.B4.B4.F4.H30	168	475	130	160	F.V190.05	ODS 5/8"	1xSW38	1/2"	7,8	5,6	CAT.II	CAT.III
10	V6A.60B.10.B4.B4.B4.F4.H30		550	130	160	F.V190.05	ODS 5/8"	1xSW38	1/2"	9,7	7,0	CAT.II	CAT.III
12	V6A.60B.12.B4.B4.B4.F4.H31		660	130	160	F.V190.05	ODS 5/8"	2xSW38	1/2"	12,7	8,4	CAT.II	CAT.III
14	V6A.60B.14.B4.B4.B4.F4.H31	168	770	130	160	F.V190.05	ODS 5/8"	2xSW38	1/2"	13,6	9,8	CAT.II	CAT.III
16	V6A.60B.16.B4.B4.B4.F4.H31		870	130	160	F.V190.05	ODS 5/8"	2xSW38	1/2"	15,6	11,2	CAT.II	CAT.III
18	V7A.60B.18.B4.B4.B4.F4.H30		560	150	180	F.V250.05	ODS 5/8"	1xSW38	1/2"	17,5	12,6	CAT.III	CAT.IV
20	V7A.60B.20.B4.B4.B4.F4.H30	219	630	150	180	F.V250.05	ODS 5/8"	1xSW38	1/2"	19,5	14,0	CAT.III	CAT.IV
25	V7A.60B.25.B6.B6.B6.F4.H31		755	150	180	F.V250.05	ODS 7/8"	2xSW38	1/2"	24,4	17,5	CAT.III	CAT.IV
30	V7A.60B.30.B6.B6.B6.F4.H31		905	150	180	F.V250.05	ODS 7/8"	2xSW38	1/2"	29,2	21,0	CAT.III	CAT.IV
40	V7A.60B.40.B6.B6.B6.F4.H31	273	1210	150	180	F.V250.05	ODS 7/8"	2xSW38	1/2"	39,0	27,9	CAT.III	CAT.IV
30	V8A.60B.30.B6.B6.B6.F4.H30		585	200	220	F.V310.05	ODS 7/8"	1xSW38	1/2"	29,2	21,0	CAT.III	CAT.IV
40	V8A.60B.40.B6.B6.B6.F4.H30		785	200	220	F.V310.05	ODS 7/8"	1xSW38	1/2"	39,0	27,9	CAT.III	CAT.IV
50	V8A.60B.50.B6.B6.B6.F4.H31	273	975	200	220	F.V310.05	ODS 7/8"	2xSW38	1/2"	48,7	34,9	CAT.III	CAT.IV
60	V8A.60B.60.B6.B6.B6.F4.H31		1165	200	220	F.V310.05	ODS 7/8"	2xSW38	1/2"	58,5	41,9	CAT.IV	CAT.IV
70	V8A.60B.70.B6.B6.B6.F4.H32		1355	200	220	F.V310.05	ODS 7/8"	3xSW38	1/2"	67,2	45,1	CAT.IV	CAT.IV
80	V8A.60B.80.B7.B7.B7.F4.H32	273	1545	200	220	F.V310.05	ODS 1 1/8"	3xSW38	1/2"	78,0	55,9	CAT.IV	CAT.IV
90	V8A.60B.90.B7.B7.B7.F4.H32		1755	200	220	F.V310.05	ODS 1 1/8"	3xSW38	1/2"	86,4	64,3	CAT.IV	CAT.IV
40	V9A.60B.40.B6.B6.B6.F4.H31		555	230	260	F.V360.08	ODS 7/8"	2xSW38	1/2"	38,4	24,8	CAT.III	CAT.IV
50	V9A.60B.50.B6.B6.B6.F4.H31	324	710	230	260	F.V360.08	ODS 7/8"	2xSW38	1/2"	48,7	34,9	CAT.III	CAT.IV
60	V9A.60B.60.B6.B6.B6.F4.H31		850	230	260	F.V360.08	ODS 7/8"	2xSW38	1/2"	58,5	41,9	CAT.IV	CAT.IV
70	V9A.60B.70.B6.B6.B6.F4.H31		970	230	260	F.V360.08	ODS 7/8"	2xSW38	1/2"	67,2	50,6	CAT.IV	CAT.IV
80	V9A.60B.80.B7.B7.B7.F4.H31	324	1110	230	260	F.V360.08	ODS 1 1/8"	2xSW38	1/2"	78,0	55,9	CAT.IV	CAT.IV
90	V9A.60B.90.B6.B6.B6.F4.H32		1255	230	260	F.V360.08	ODS 1 1/8"	3xSW38	1/2"	86,4	64,3	CAT.IV	CAT.IV
100	V9A.60B.100.B7.B7.B7.F4.H32		1410	230	260	F.V360.08	ODS 1 1/8"	3xSW38	1/2"	97,5	69,8	CAT.IV	CAT.IV
125	V9A.60B.125.B7.B7.B7.F4.H32	324	1710	230	260	F.V360.08	ODS 1 1/8"	3xSW38	1/2"	121,8	87,3	CAT.IV	CAT.IV
150	V9A.60B.150.B7.B7.B7.F4.H32		2110	230	260	F.V360.08	ODS 1 1/8"	3xSW38	1/2"	146,2	104,8	CAT.IV	CAT.IV
100	V10A.60B.100.B7.B7.B7.F4.H32		910	255	255	F.V415.08	ODS 1 1/8"	3xSW38	1/2"	97,5	69,8	CAT.IV	CAT.IV
125	V10A.60B.125.B7.B7.B7.F4.H32	406	1120	255	255	F.V415.08	ODS 1 1/8"	3xSW38	1/2"	120,0	78,6	CAT.IV	CAT.IV
150	V10A.60B.150.B7.B7.B7.F4.H32		1340	255	255	F.V415.08	ODS 1 1/8"	3xSW38	1/2"	146,2	104,8	CAT.IV	CAT.IV
175	V10A.60B.175.B7.B7.B7.F4.H32		1560	255	255	F.V415.08	ODS 1 1/8"	3xSW38	1/2"	168,1	127,4	CAT.IV	CAT.IV
200	V10A.60B.200.B8.B8.B8.F4.H32	406	1750	255	255	F.V415.08	ODS 1 3/8"	3xSW38	1/2"	194,9	139,7	CAT.IV	CAT.IV
225	V11A.60B.225.B8.B8.B8.F4.H32		1630	250	280	F.V480.08	ODS 1 3/8"	3xSW38	1/2"	216,1	147,0	CAT.IV	CAT.IV
250	V11A.60B.250.B8.B8.B8.F4.H32		1780	250	280	F.V480.08	ODS 1 3/8"	3xSW38	1/2"	243,7	174,6	CAT.IV	CAT.IV
300	V12A.60B.300.B8.B8.B8.F4.H32	508	1770	370	400	F.V550.10	ODS 1 3/8"	3xSW38	1/2"	292,4	209,5	CAT.IV	CAT.IV
350	V12A.60B.350.B8.B8.B8.F4.H32		2020	370	400	F.V550.10	ODS 1 3/8"	3xSW38	1/2"	336,1	307,2	CAT.IV	CAT.IV
350	V13A.60B.350.B9.B9.B9.F4.H32		1420	370	400	F.V650.10	ODS 42	3xSW38	1/2"	341,1	244,5	CAT.IV	CAT.IV
400	V13A.60B.400.B9.B9.B9.F4.H32	600	1630	370	400	F.V650.10	ODS 42	3xSW38	1/2"	389,9	279,4	CAT.IV	CAT.IV
450	V13A.60B.450.B9.B9.B9.F4.H32		1820	370	400	F.V650.10	ODS 42	3xSW38	1/2"	436,6	315,2	CAT.IV	CAT.IV
500	V13A.60B.500.B10.B10.B10.F4.H32		1930	370	400	F.V650.10	ODS 2 1/8"	3xSW38	1/2"	487,4	354,3	CAT.IV	CAT.IV

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

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

V.60B series liquid receivers are designed for working pressures of up to 60 Bar and for subcritical CO2 applications. GVN liquid receivers can be offered with volumes of up to 500 liters. Liquid receivers are protected against corrosion by a 500-hour salt spray test resisting coating. Internal heat exchangers are available on request.

V.60B serisi likit tankları, 60 Bar'a kadar çalışma basınçları ve subkritik CO2 uygulamaları için tasarlanmıştır. GVN likit tankları 500 litreye kadar üretilebilmektedir. Likit tankları, 500 saatlik tuz püskürtme testine dayanıklı kaplama ile korozyona karşı korunur. Dahili ısı eşanjörleri istek üzerine sağlanabilmektedir.

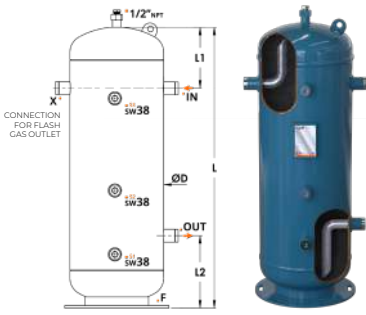
Optional

Liquid level sensor
Extra connections
Heat exchanger

Opsiyonel

Likit seviye sensörü
Ekstra bağlantılar
Isı eşanjörü

VERTICAL LIQUID RECEIVERS DİKEY LİKİT TANKLARI



Technical Specifications

Teknik Özellikler

V.90B

Working pressure	Çalışma basıncı	[PS]	[PS1] 90 Bar	[PS2] 67.5 Bar
Min./max. allowable temperature	Min./max. izin verilen sıcaklık	[TS]	- 20 / + 130°C	- 40 / - 20°C
Available fluids	Kullanılabilir akışkanlar	GAS	HCFC, HFC, R744	

Vol. [L]	Model	Dimensions [mm]				Support [F]	Inlet & Outlet & X [Inch]	Sight Glass [SG]	NPT [Inch]	Kg Of Capacity		Category [PED]		
		Ø D	L	L1	L2					R410A	R744	Group 2	Group 1	
4	V5A.90B.04.BH3.BH3.BH3.FH4.H30	140	325	120	150	F.V170.05	ODS 1/2"	1xSW38	1/2"	3,9	2,8	CAT.II	CAT.III	
5	V5A.90B.05.BH3.BH3.BH3.FH4.H30		395	120	150	F.V170.05	ODS 1/2"	1xSW38	1/2"	4,8	3,2	CAT.II	CAT.III	
6	V5A.90B.06.BH3.BH3.BH3.FH4.H30		475	120	150	F.V170.05	ODS 1/2"	1xSW38	1/2"	5,8	4,2	CAT.II	CAT.III	
8	V6A.90B.08.BH4.BH4.BH4.FH4.H30	168	475	150	180	F.V190.05	ODS 5/8"	1xSW38	1/2"	7,8	5,6	CAT.II	CAT.III	
10	V6A.90B.10.BH4.BH4.BH4.FH4.H30		550	150	180	F.V190.05	ODS 5/8"	1xSW38	1/2"	9,7	7,0	CAT.II	CAT.III	
12	V6A.90B.12.BH4.BH4.BH4.FH4.H31		660	150	180	F.V190.05	ODS 5/8"	2xSW38	1/2"	12,7	8,4	CAT.III	CAT.IV	
14	V6A.90B.14.BH4.BH4.BH4.FH4.H31	168	770	150	180	F.V190.05	ODS 5/8"	2xSW38	1/2"	13,6	9,8	CAT.III	CAT.IV	
16	V6A.90B.16.BH4.BH4.BH4.FH4.H31		870	150	180	F.V190.05	ODS 5/8"	2xSW38	1/2"	15,6	11,2	CAT.III	CAT.IV	
18	V7A.90B.18.BH4.BH4.BH4.FH4.H30		560	150	180	F.V250.05	ODS 5/8"	1xSW38	1/2"	17,5	12,6	CAT.III	CAT.IV	
20	V7A.90B.20.BH4.BH4.BH4.FH4.H30	219	630	150	180	F.V250.05	ODS 5/8"	1xSW38	1/2"	19,5	14,0	CAT.III	CAT.IV	
25	V7A.90B.25.BH6.BH6.BH6.FH4.H31		755	150	180	F.V250.05	ODS 7/8"	2xSW38	1/2"	24,4	17,5	CAT.III	CAT.IV	
30	V7A.90B.30.BH6.BH6.BH6.FH4.H31		905	150	180	F.V250.05	ODS 7/8"	2xSW38	1/2"	29,2	21,0	CAT.III	CAT.IV	
40	V7A.90B.40.BH6.BH6.BH6.FH4.H31	219	1210	150	180	F.V250.05	ODS 7/8"	2xSW38	1/2"	39,0	27,9	CAT.IV	CAT.IV	
30	V8A.90B.30.BH6.BH6.BH6.FH4.H30		273	585	200	220	F.V310.05	ODS 7/8"	1xSW38	1/2"	29,2	21,0	CAT.III	CAT.IV
40	V8A.90B.40.BH6.BH6.BH6.FH4.H30			785	200	220	F.V310.05	ODS 7/8"	1xSW38	1/2"	39,0	27,9	CAT.IV	CAT.IV
50	V8A.90B.50.BH6.BH6.BH6.FH4.H31	975		200	220	F.V310.05	ODS 7/8"	2xSW38	1/2"	48,7	34,9	CAT.IV	CAT.IV	
60	V8A.90B.60.BH6.BH6.BH6.FH4.H31	1165		200	220	F.V310.05	ODS 7/8"	2xSW38	1/2"	58,5	41,9	CAT.IV	CAT.IV	
70	V8A.90B.70.BH6.BH6.BH6.FH4.H32	1355		200	220	F.V310.05	ODS 7/8"	3xSW38	1/2"	67,2	45,1	CAT.IV	CAT.IV	
80	V8A.90B.80.BH7.BH7.BH7.FH4.H32	1545		200	220	F.V310.05	ODS 1 1/8"	3xSW38	1/2"	78,0	55,9	CAT.IV	CAT.IV	
90	V8A.90B.90.BH7.BH7.BH7.FH4.H32	324	1755	200	220	F.V310.05	ODS 1 1/8"	3xSW38	1/2"	86,4	64,3	CAT.IV	CAT.IV	
40	V9A.90B.40.BH6.BH6.BH6.FH4.H31		324	555	230	260	F.V360.08	ODS 7/8"	2xSW38	1/2"	38,4	24,8	CAT.IV	CAT.IV
50	V9A.90B.50.BH6.BH6.BH6.FH4.H31			710	230	260	F.V360.08	ODS 7/8"	2xSW38	1/2"	48,7	34,9	CAT.IV	CAT.IV
60	V9A.90B.60.BH6.BH6.BH6.FH4.H31			850	230	260	F.V360.08	ODS 7/8"	2xSW38	1/2"	58,5	41,9	CAT.IV	CAT.IV
70	V9A.90B.70.BH6.BH6.BH6.FH4.H31			970	230	260	F.V360.08	ODS 7/8"	2xSW38	1/2"	67,2	50,6	CAT.IV	CAT.IV
80	V9A.90B.80.BH7.BH7.BH7.FH4.H31			1110	230	260	F.V360.08	ODS 1 1/8"	2xSW38	1/2"	78,0	55,9	CAT.IV	CAT.IV
90	V9A.90B.90.BH7.BH7.BH7.FH4.H32	1255		230	260	F.V360.08	ODS 1 1/8"	3xSW38	1/2"	86,4	64,3	CAT.IV	CAT.IV	
100	V9A.90B.100.BH7.BH7.BH7.FH4.H32	1410		230	260	F.V360.08	ODS 1 1/8"	3xSW38	1/2"	97,5	69,8	CAT.IV	CAT.IV	
125	V9A.90B.125.BH7.BH7.BH7.FH4.H32	1710		230	260	F.V360.08	ODS 1 1/8"	3xSW38	1/2"	121,8	87,3	CAT.IV	CAT.IV	
150	V9A.90B.150.BH7.BH7.BH7.FH4.H32	2110		230	260	F.V360.08	ODS 1 1/8"	3xSW38	1/2"	146,2	104,8	CAT.IV	CAT.IV	
100	V10A.90B.100.BH7.BH7.BH7.FH4.H32	406		910	265	265	F.V415.08	ODS 1 1/8"	3xSW38	1/2"	97,5	69,8	CAT.IV	CAT.IV
125	V10A.90B.125.BH7.BH7.BH7.FH4.H32		1120	265	265	F.V415.08	ODS 1 1/8"	3xSW38	1/2"	120,0	78,6	CAT.IV	CAT.IV	
150	V10A.90B.150.BH7.BH7.BH7.FH4.H32		1340	265	265	F.V415.08	ODS 1 1/8"	3xSW38	1/2"	146,2	104,8	CAT.IV	CAT.IV	
175	V10A.90B.175.BH7.BH7.BH7.FH4.H32		1340	265	265	F.V415.08	ODS 1 1/8"	3xSW38	1/2"	168,1	127,4	CAT.IV	CAT.IV	
200	V10A.90B.200.BH8.BH8.BH8.FH4.H32		1750	265	265	F.V415.08	ODS 1 3/8"	3xSW38	1/2"	194,9	139,7	CAT.IV	CAT.IV	
225	V11A.90B.225.BH8.BH8.BH8.FH4.H32	450	1630	260	290	F.V480.08	ODS 1 3/8"	3xSW38	1/2"	216,1	147,0	CAT.IV	CAT.IV	
250	V11A.90B.250.BH8.BH8.BH8.FH4.H32		1780	260	290	F.V480.08	ODS 1 3/8"	3xSW38	1/2"	243,7	174,6	CAT.IV	CAT.IV	
300	V12A.90B.300.BH8.BH8.BH8.FH4.H32	508	1770	370	400	F.V550.10	ODS 1 3/8"	3xSW38	1/2"	292,4	209,5	CAT.IV	CAT.IV	
350	V12A.90B.350.BH8.BH8.BH8.FH4.H32		2020	370	400	F.V550.10	ODS 1 3/8"	3xSW38	1/2"	336,1	307,2	CAT.IV	CAT.IV	
350	V13A.90B.350.BH9.BH9.BH9.FH4.H32	600	1420	370	400	F.V650.10	ODS 42	3xSW38	1/2"	341,1	244,5	CAT.IV	CAT.IV	
400	V13A.90B.400.BH9.BH9.BH9.FH4.H32		1630	370	400	F.V650.10	ODS 42	3xSW38	1/2"	389,9	279,4	CAT.IV	CAT.IV	
450	V13A.90B.450.BH9.BH9.BH9.FH4.H32		1820	370	400	F.V650.10	ODS 42	3xSW38	1/2"	436,6	315,2	CAT.IV	CAT.IV	
500	V13A.90B.500.BH10.BH10.BH10.FH4.H32		1930	370	400	F.V650.10	ODS 2 1/8"	3xSW38	1/2"	487,4	354,3	CAT.IV	CAT.IV	

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

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

V.90B series liquid receivers are designed for working pressures of up to 90 Bar and for transcritical CO2 applications. GVN liquid receivers can be offered with volumes of up to 500 liters. Liquid receivers are protected against corrosion by a 500-hour salt spray test resisting coating. Internal heat exchangers are available on request.

V.90B serisi likit tankları, 90 Bar'a kadar çalışma basınçları ve transkritik CO2 uygulamaları için tasarlanmıştır. GVN likit tankları 500 litreye kadar üretilmektedir. Likit tankları, 500 saatlik tuz püskürtme testine dayanıklı kaplama ile korozyona karşı korunur. Dahili ısı eşanjörleri istek üzerine sağlanabilmektedir.

Optional

Liquid level sensor
Extra connections
Heat exchanger

Opsiyonel

Likit seviye sensörü
Ekstra bağlantılar
Isı eşanjörü

Model	For 33-45-60 Bar [L] [mm]	Model	For 90-130 Bar [L] [mm]	Dimension [DI] [mm]	Connection [Inch]	Picture of Product
ROTALOCK CONNECTIONS ROTALOK BAĞLANTI MANŞONLARI						
A1	21	-	-	-	ROT 3/4"	
A2	25	-	-	-	ROT 1"	
A3	25	-	-	-	ROT 1 1/4"	
A4	32	-	-	-	ROT 1 3/4"	
A5	35	-	-	-	ROT 2 1/4"	
SOLDER CONNECTIONS KAYNAKLI BAĞLANTI MANŞONLARI						
B1	30	BH1	40	6,60	ODS 1/4"	
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"	
NPT & M20 CONNECTIONS NPT & M20 BAĞLANTI MANŞONLARI						
F1	16	FH1	50	-	NPT 1/8"	
F2	16	FH2	50	-	NPT 1/4"	
F3	16	FH3	50	-	NPT 3/8"	
F4	18	FH4	50	-	NPT 1/2"	
F5	18	FH5	50	-	M20X1,5	
F6	35	FH6	50	-	NPT 3/4"	
F7	40	FH7	50	-	NPT 1"	
SAE CONNECTIONS SAE BAĞLANTI MANŞONLARI						
Y1	28	YH1	50	-	SAE 1/4"	
Y2	28	YH2	50	-	SAE 3/8"	
Y3	29	YH3	50	-	SAE 1/2"	
Y4	30	YH4	50	-	SAE 5/8"	

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.

ROTALOCK VALVES | ROTALOK VANALARI

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	
C30	RV.60B-1/4	Rot. 1"	1/4" ODS	1x 1/4" SAE	20	60 Bar
C31	RV.60B-3/8		3/8" ODS	1x 1/4" SAE	20	
C32	RV.60B-1/2		1/2" ODS	1x 1/4" SAE	20	
C33	RV.60B-5/8		5/8" ODS	1x 1/4" SAE	20	
C34	RV.60B-3/4	Rot. 1 1/4"	3/4" ODS	1x 1/4" SAE	30	
C35	RV.60B-7/8		7/8" ODS	1x 1/4" SAE	30	
C36	RV.60B-1 1/8	Rot. 1 3/4"	1 1/8" ODS	1x 1/4" SAE	35	
C37	RV.60B-1 3/8		1 3/8" ODS	1x 1/4" SAE	35	
C38	RV.60B-1 5/8	Rot. 2 1/4"	42 ODS	1x 1/4" SAE	45	
C39	RV.60B-2 1/8		2 1/8" ODS	1x 1/4" SAE	45	



denaline



CAST IRON STOP VALVES | DÖKME DEMİR STOP VANALARI

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 BAĞLANTILARI

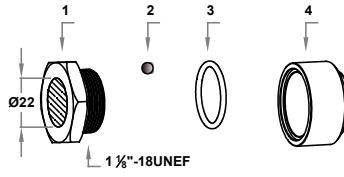
Order No	Model	Flange Diameter [Ø]	Screw Connection	Inlet Connection	Klinger Gasket	Working Pressure
E1	FLC.033B.101	115,0	6xM12	2 1/8" ODS	108.071.059.000.K01	33 Bar
E2	FLC.033B.102	131,5	6xM12	2 5/8" ODS	108.084.072.000.K01	
E3	FLC.033B.103	166,5	6xM14	3" ODS	108.105.085.000.K01	
E4	FLC.033B.104	166,5	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	



denaline

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

Gözetleme Camı
Top
HNBR O-Ring
Kaynak Bağlantısı

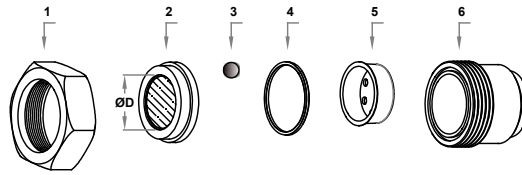


Order No	Quantity x Model	Connection	Maximum Allowable Pressure [PS]	Allowable Temperature [TS]
H30	1x SW38	1 1/8"-18 UNEF	130 bar 90 bar	-20°C / 130°C -40°C / -20°C
H31	2x SW38			
H32	3x SW38			
H20	1x SW36	1 1/8"-18 UNEF	50 bar	-20°C / 130°C
H21	2x SW36			
H22	3x SW36			

ROTALOCK SIGHT GLASSES | **ROTALOK GÖZETLEME CAMLARI**

- [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



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			

Sight Glasses

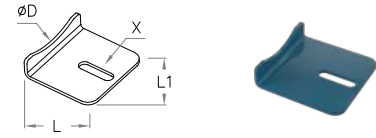
- Used for controlling level of liquid and oil.
- Floating ball is not suitable for R717.

Gözetleme Camları

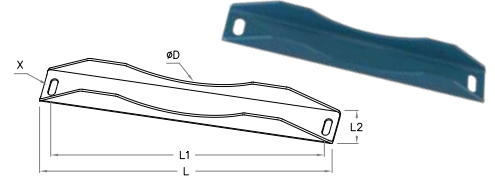
- Likit ve yağ seviyelerini kontrol amaçlı kullanılmaktadırlar.
- Toplar R717 için uygun değildir.

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

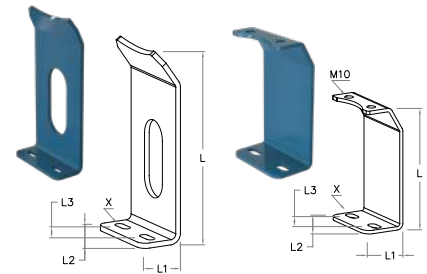
Type A



Type B



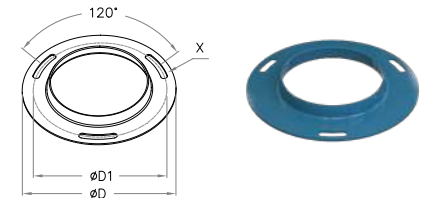
Type C



Type D



Type E



Type F

