



Compact Liquid Receivers

Kompakt Likit Tankları

Compact Liquid Receivers

It transfers the heat of hot refrigerant in the discharge line to the unevaporated refrigerant inside the suction line accumulator in the suction line and thereby helps to ensure vapor phase refrigerant to the compressor from the suction line. For refrigerant flow to the evaporator, it provides subcooling with decreasing temperature of hot refrigerant in the discharge line. Compact liquid receivers help to increase the system capacity and over all efficiency by transferring heat from hot liquid line to the cold gas (and unevaporated refrigerant) in the suction line.

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.

Kompakt Likit Tankları

Basma hattındaki sıcak soğutucu akışkan ısısının, emiş hattındaki, emiş hattı akümülatörünün içindeki buharlaştırmamış soğutucu akışkana transfer edilmesini ve bu sayede de emiş hattından kompresöre giden soğutucu akışkanın gaz fazına ulaşmasına yardımcı olur.

Basma hattındaki sıcak soğutucu akışkanın ısısının düşmesi ile evaporatöre giden soğutucu akışkan için ön soğutma sağlar. Kompakt likit tankları, sıcak likit hattından, emiş akümülatöründeki soğuk gaza (buharlaştırmamış soğutucu akışkan) ısıyı transfer ederek sistem kapasitesinin ve genel verimliliğin artırılmasına yardımcı olur.

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.



C.33B

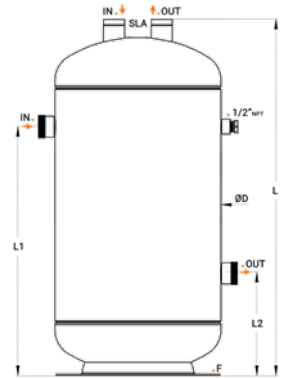
Volume		Model	Dimensions [mm]				Support	Inlet & Outlet V	Inlet & Outlet SLA	NPT	Category [PED]	
V [L]	SLA [L]		Ø D	L	L1	L2					Group 2	Group 1
10	1,7	C7.33B.10.16.A2.A2.F4	219	403	268	150	E.V205.03	Rot. 1"	ODS 5/8"	1/2"	CAT.II	CAT.III
		C7.33B.10.19.A2.A2.F4		407	270	150	E.V205.03	Rot. 1"	ODS 3/4"	1/2"	CAT.II	CAT.III
	3	C7.33B.10.22.A2.A2.F4		430	290	150	E.V205.03	Rot. 1"	ODS 7/8"	1/2"	CAT.II	CAT.III
		C7.33B.10.28.A2.A2.F4		430	290	150	E.V205.03	Rot. 1"	ODS 1 1/8"	1/2"	CAT.II	CAT.III
	4	C7.33B.10.35.A2.A2.F4		460	320	150	E.V205.03	Rot. 1"	ODS 1 3/8"	1/2"	CAT.II	CAT.III
12	3	C7.33B.12.22.A2.A2.F4	219	500	360	150	E.V205.03	Rot. 1"	ODS 7/8"	1/2"	CAT.II	CAT.III
		C7.33B.12.28.A2.A2.F4		500	360	150	E.V205.03	Rot. 1"	ODS 1 1/8"	1/2"	CAT.II	CAT.III
	4	C7.33B.12.35.A2.A2.F4		530	390	150	E.V205.03	Rot. 1"	ODS 1 3/8"	1/2"	CAT.II	CAT.III
16	3	C7.33B.16.22.A2.A2.F4		620	480	150	E.V205.03	Rot. 1"	ODS 7/8"	1/2"	CAT.II	CAT.III
		C7.33B.16.28.A2.A2.F4		620	480	150	E.V205.03	Rot. 1"	ODS 1 1/8"	1/2"	CAT.II	CAT.III
	4	C7.33B.16.35.A2.A2.F4		650	510	150	E.V205.03	Rot. 1"	ODS 1 3/8"	1/2"	CAT.II	CAT.III
20	3	C8.33B.20.22.A2.A2.F4	273	480	280	180	E.V247.03	Rot. 1"	ODS 7/8"	1/2"	CAT.II	CAT.III
		C8.33B.20.28.A2.A2.F4		490	290	180	E.V247.03	Rot. 1"	ODS 1 1/8"	1/2"	CAT.II	CAT.III
	6	C8.33B.20.35.A2.A2.F4		570	370	180	E.V247.03	Rot. 1"	ODS 1 3/8"	1/2"	CAT.II	CAT.III
25	3	C8.33B.25.28.A3.A3.F4		615	415	180	E.V247.03	Rot. 1 1/4"	ODS 1 1/8"	1/2"	CAT.II	CAT.III
	6	C8.33B.25.35.A3.A3.F4		660	460	180	E.V247.03	Rot. 1 1/4"	ODS 1 3/8"	1/2"	CAT.II	CAT.III
30	3	C8.33B.30.28.A3.A3.F4		700	500	180	E.V247.03	Rot. 1 1/4"	ODS 1 1/8"	1/2"	CAT.II	CAT.III
	6	C8.33B.30.35.A3.A3.F4		770	570	180	E.V247.03	Rot. 1 1/4"	ODS 1 3/8"	1/2"	CAT.II	CAT.III
		C8.33B.30.42.A3.A3.F4		770	570	180	E.V247.03	Rot. 1 1/4"	ODS 42	1/2"	CAT.II	CAT.III
30	3	C9.33B.30.28.A3.A3.F4	324	520	320	200	E.V320.03	Rot. 1 1/4"	ODS 1 1/8"	1/2"	CAT.II	CAT.III
	6	C9.33B.30.35.A3.A3.F4		570	370	200	E.V320.03	Rot. 1 1/4"	ODS 1 3/8"	1/2"	CAT.II	CAT.III
		C9.33B.30.42.A3.A3.F4		570	370	200	E.V320.03	Rot. 1 1/4"	ODS 42	1/2"	CAT.II	CAT.III
40	6	C9.33B.40.35.A4.A4.F4		700	500	200	E.V320.03	Rot. 1 3/4"	ODS 1 3/8"	1/2"	CAT.III	CAT.IV
		C9.33B.40.42.A4.A4.F4		700	500	200	E.V320.03	Rot. 1 3/4"	ODS 42	1/2"	CAT.III	CAT.IV
	13	C9.33B.40.54.A4.A4.F4		810	610	200	E.V320.03	Rot. 1 3/4"	ODS 2 1/8"	1/2"	CAT.III	CAT.IV
50	6	C9.33B.50.35.A4.A4.F4		840	640	200	E.V320.03	Rot. 1 3/4"	ODS 1 3/8"	1/2"	CAT.III	CAT.IV
		C9.33B.50.42.A4.A4.F4		840	640	200	E.V320.03	Rot. 1 3/4"	ODS 42	1/2"	CAT.III	CAT.IV
	13	C9.33B.50.54.A4.A4.F4		940	740	200	E.V320.03	Rot. 1 3/4"	ODS 2 1/8"	1/2"	CAT.III	CAT.IV

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

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

C.33B

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



Optional
Sight Glass
Safety Valve
Rotalock Valve
Extra Connections

Opsiyonel
Gözetleme Camı
Emniyet Ventili
Rotalok Vana
Ekstra Bağlantılar

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	



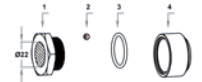
Sight Glasses | Gözetleme Camları

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



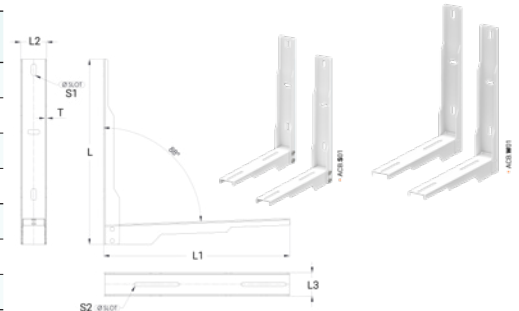
Changeover Valves | Değişim Vanaları

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.

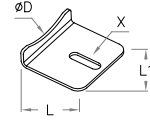
Bağlantı Manşonları

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

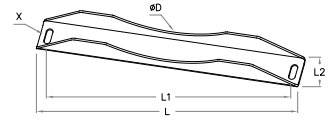


Model	Ø (D) [mm]	Ø (D1) [mm]	L [mm]	L1	L2	L3	X	Type
A.H089.03	89	-	80	80	-	-	11*35	A
A.H114.03	114	-	80	80	-	-	11*35	A
A.H120.03	120	-	80	80	-	-	11*35	A
A.H140.03	140	-	80	80	-	-	11*35	A
A.H160.03	160	-	80	80	-	-	11*35	A
A.H168.03	168	-	120	80	-	-	11*35	A
A.H180.03	180	-	80	80	-	-	11*35	A
A.H219.03	219	-	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

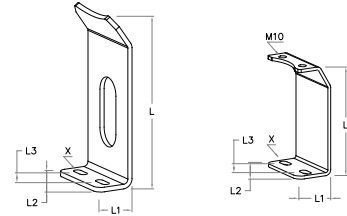
Type A



Type B



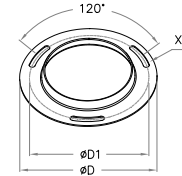
Type C



Type D



Type E



Type F

