

# Hermetic compressors, Cubigel Compressors, LBP , L55BV, 1/6hp, r12

Category: compressor

written by Lilianne | 20 December 2021

R12				-35	-30	-25	-23,3	-20	-15	-10	R12								
CU01-L35AU	<b>L35AU</b>	1/12	S	3,66	44	62	83	92	109	138	170	C	270	8,6	RSIR	P		•	
CU01-L45AV	<b>L45AV</b>	1/8	S	4,50	39	56	79	87	105	136	171	C	300	8,4	RSIR	R			•
CU01-L45AW	<b>L45AW</b>	1/8	S	4,50	39	56	79	87	105	136	171	C	300	8,4	RSIR	R	•		•
CU01-L55AT	<b>L55AT</b>	1/6	S	5,47	49	73	101	112	134	171	212	C	470	9,5	RSIR	R	•		•
CU01-L55AV	<b>L55AV</b>	1/6	S	5,47	49	73	101	112	134	171	212	C	470	9,5	RSIR	R			•
CU01-L55BV	<b>L55BV</b>	1/6	OC	5,47	49	73	101	112	134	171	212	C	470	9,5	RSIR	R			•
CU01-L55BW	<b>L55BW</b>	1/6	OC	5,47	49	73	101	112	134	171	212	C	300	8,4	RSIR	R	•		•
CU01-L76AT	<b>L76AT</b>	1/5	S	7,57	58	88	125	139	168	217	272	C	530	10,0	RSIR	R	•		•
CU01-L76AV	<b>L76AV</b>	1/5	S	7,57	58	88	125	139	168	217	272	C	530	10,5	RSIR	R			•
CU01-L76BV	<b>L76BV</b>	1/5	OC	7,57	58	88	125	139	168	217	272	C	530	10,5	RSIR	R			•
CU01-L6BW	<b>L76BW</b>	1/5	OC	7,57	58	88	125	139	168	217	272	C	470	9,5	RSIR	R	•		•
CU01-L88AV	<b>L88AV</b>	1/4	S	8,85	69	106	150	166	200	255	317	C	530	11,0	RSIR	R			•
CU01-L88BV	<b>L88BV</b>	1/4	OC	8,85	69	106	150	166	200	255	317	C	530	11,0	RSIR	R			•
CU01-L88BW	<b>L88BW</b>	1/4	OC	8,85	69	106	150	166	200	255	317	C	530	10,0	RSIR	R	•		•

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**R12**

Model	Refr.	HP	Ambient Temp C	Rated Voltage	Cooling Capacity		COP without RC		COP with RC	
					ASHRAE	CECOMAF	ASHRAE	CECOMAF	ASHRAE	CECOMAF
					-23,3°C kcal/h	-25°C W	-23,3°C W/W	-25°C W/W	-23,3°C W/W	-25°C W/W <sub>0</sub>
▶ <input type="checkbox"/> <a href="#">L45AV</a>	LBP::R12	1/8	43	B	221	192	0.91	0.71		
▶ <input type="checkbox"/> <a href="#">L55AV</a>	LBP::R12	1/6	43	B	115	101	0.99	0.78		
▶ <input type="checkbox"/> <a href="#">L55BV</a>	LBP::R12	1/6	43	B	115	101	0.99	0.78		
▶ <input type="checkbox"/> <a href="#">L76AV</a>	LBP::R12	1/5	43	B	145	127	1.05	0.84		
▶ <input type="checkbox"/> <a href="#">L76BV</a>	LBP::R12	1/5	43	B	145	127	1.05	0.84		
▶ <input type="checkbox"/> <a href="#">L88AV</a>	LBP::R12	1/4	43	B	171	150	1.02	0.81		
▶ <input type="checkbox"/> <a href="#">L88BV</a>	LBP::R12	1/4	43	B	171	150	1.02	0.81		
▶ <input type="checkbox"/> <a href="#">LT45AV</a>	LBP::R12	1/8	50	B	94	83	1.04	0.83		
▶ <input type="checkbox"/> <a href="#">LT55AV</a>	LBP::R12	1/6	50	B	115	102	1.06	0.85		
▶ <input type="checkbox"/> <a href="#">LT55BV</a>	LBP::R12	1/6	50	B	115	102	1.06	0.85		
▶ <input type="checkbox"/> <a href="#">LT76BV</a>	LBP::R12	1/5	50	B	155	137	1.14	0.91		
▶ <input type="checkbox"/> <a href="#">LT88BV</a>	LBP::R12	1/4	50	B	190	169	1.16	0.93		
▶ <input type="checkbox"/> <a href="#">P12BW</a>	LBP::R12	1/3	43	A	221	192	0.91	0.71		

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np	cm <sup>3</sup>	cm <sup>3</sup>	Kg.
<b>LBP</b>			

R12				-35	-30	-25	-23,3	-20	-15	-10	R12									
CU01-L35AU	L35AU	1/12	S	3,66	44	62	83	92	109	138	170	C	270	8,6	RSIR	P	•	•	•	•
CU01-L45AV	L45AV	1/8	S	4,50	39	56	79	87	105	136	171	C	300	8,4	RSIR	R	•	•	•	•
CU01-L45AW	L45AW	1/8	S	4,50	39	56	79	87	105	136	171	C	300	8,4	RSIR	R	•	•	•	•
CU01-L55AT	L55AT	1/6	S	5,47	49	73	101	112	134	171	212	C	470	9,5	RSIR	R	•	•	•	•
CU01-L55AV	L55AV	1/6	S	5,47	49	73	101	112	134	171	212	C	470	9,5	RSIR	R	•	•	•	•
CU01-L55BV	L55BV	1/6	OC	5,47	49	73	101	112	134	171	212	C	470	9,5	RSIR	R	•	•	•	•
CU01-L55BW	L55BW	1/6	OC	5,47	49	73	101	112	134	171	212	C	300	8,4	RSIR	R	•	•	•	•
CU01-L76AT	L76AT	1/5	S	7,57	58	88	125	139	168	217	272	C	530	10,0	RSIR	R	•	•	•	•
CU01-L76AV	L76AV	1/5	S	7,57	58	88	125	139	168	217	272	C	530	10,5	RSIR	R	•	•	•	•
CU01-L76BV	L76BV	1/5	OC	7,57	58	88	125	139	168	217	272	C	530	10,5	RSIR	R	•	•	•	•
CU01-L6BW	L76BW	1/5	OC	7,57	58	88	125	139	168	217	272	C	470	9,5	RSIR	R	•	•	•	•
CU01-L88AV	L88AV	1/4	S	8,85	69	106	150	166	200	255	317	C	530	11,0	RSIR	R	•	•	•	•
CU01-L88BV	L88BV	1/4	OC	8,85	69	106	150	166	200	255	317	C	530	11,0	RSIR	R	•	•	•	•
CU01-L88BW	L88BW	1/4	OC	8,85	69	106	150	166	200	255	317	C	530	10,0	RSIR	R	•	•	•	•
CU01-L88EW	L88EW	1/4	OC	8,85	69	106	150	166	200	255	317	C-V	530	10,0	CSIR	R	•	•	•	•
CU01-L88FW	L88FW	1/4	F	8,85	69	106	150	166	200	255	317	C-V	530	10,0	CSIR	R	•	•	•	•
CU01-P12BW	P12BW	1/3	OC	12,0	79	131	192	215	261	338	422	C	530	11,5	RSIR	R	•	•	•	•
CU01-P12FW	P12FW	1/3	F	12,0	79	131	192	215	261	338	422	C-V	530	11,5	CSIR	R	•	•	•	•

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Type: Hermetic piston compressors Producer: ACC Series: HMBP

Model: L55BV

General data

Refrigerant: R12

Discharge element: C

Cooling: OC

Maximum ambient temperature [°C]: 43

Compressor's data

Cylinder capacity [cm<sup>3</sup>]: 5,5



Displacement [m<sup>3</sup>/h]: 0,9  
Weight [kg]: 9,5  
Oil charge [cm<sup>3</sup>]: 470  
Oil type: ISO VG 46 MINERAL

#### Engine's data

Engine type: RSIR  
Power [KM]: 1/6  
Starting element: LST  
Power supply: 200V 50Hz  
Voltage range: 180-242  
Locked rotor current [A]: 10,9  
Running winding resistance (25°C) [Ω]: 10,81  
Starting winding resistance (25°C) [Ω]: 34,36

#### Electrical data

Relays: 9660 B 118, MTRP 33  
Shielding element: MRP63AMK, T0069  
Starting capacitor volume [μF]:

#### Connections

	milimeters	inches
Suction/service tube:	6,5	
Service/suction tube:	6,5	
Discharge tube:	4,9	
Oil cooler tube:		4,9