

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

written by Lilianne | 20 December 2021

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	●		●		

Private Picture Copyright : WWW.MBSM.PRO



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
▶ ☐ L45AV	LBP::R12	1/8	43	B	221	192	0.91	0.71		
▶ ☐ L55AV	LBP::R12	1/6	43	B	115	101	0.99	0.78		
▶ ☐ L55BV	LBP::R12	1/6	43	B	115	101	0.99	0.78		
▶ ☐ L76AV	LBP::R12	1/5	43	B	145	127	1.05	0.84		
▶ ☐ L76BV	LBP::R12	1/5	43	B	145	127	1.05	0.84		
▶ ☐ L88AV	LBP::R12	1/4	43	B	171	150	1.02	0.81		
▶ ☐ L88BV	LBP::R12	1/4	43	B	171	150	1.02	0.81		
▶ ☐ LT45AV	LBP::R12	1/8	50	B	94	83	1.04	0.83		
▶ ☐ LT55AV	LBP::R12	1/6	50	B	115	102	1.06	0.85		
▶ ☐ LT55BV	LBP::R12	1/6	50	B	115	102	1.06	0.85		
▶ ☐ LT76BV	LBP::R12	1/5	50	B	155	137	1.14	0.91		
▶ ☐ LT88BV	LBP::R12	1/4	50	B	190	169	1.16	0.93		
▶ ☐ P12BW	LBP::R12	1/3	43	A	221	192	0.91	0.71		

Private Picture Copyright : WWW.MBSM.PRO



Type: Hermetic piston compressorsProducer: ACCSeries: HMBP

Model: L55BV

General data

Refrigerant:	R12
Discharge element:	C
Cooling:	0C
Maximum ambient temperature [°C]:	43

Compressor's data

Cylinder capacity [cm³]:	5,5
Displacement [m³/h]:	0,9
Weight [kg]:	9,5
Oil charge [cm³]:	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

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