

VMU1113Y Compressor 1/5 HP LBP Freezing R600a 230V 150W Cooling Capacity Technical Specs Replacement Models Expert Guide

Category: Refrigeration

written by www.mbsm.pro | 11 February 2026



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The VMU1113Y compressor isn't just another box on a shelf. It's the unsung hero in small-scale freezing systems—think under-counter freezers, ice makers, or

compact commercial display cases where reliability at sub-zero temps matters. Forget generic specs; this is what actually works when you're knee-deep in a service call at 2 a.m.

Compressor, Konor, GPY16AF, 1/2 HP, R134a, LBP

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The Konor GPY16AF is a robust hermetic reciprocating compressor engineered for low back pressure applications using R134a refrigerant. With a displacement of 16.2 cm³, this 1/2 HP unit is a staple in commercial freezers and large refrigerators. This guide provides detailed technical data, wiring diagrams, and professional cross-reference options for field technicians.

R134a compressor, 1/3 HP, LBP,
commercial refrigeration, domestic
freezer, cooling capacity, COP,
mbsm.pro, mbsmgroup.tn, mbsmgroup,
mbsmpro, mbsmpro.com, Siberia,
Panasonic, Embraco, Secop, Tecumseh,
Donper, Cubigel, Zero, ZMC, Samsung

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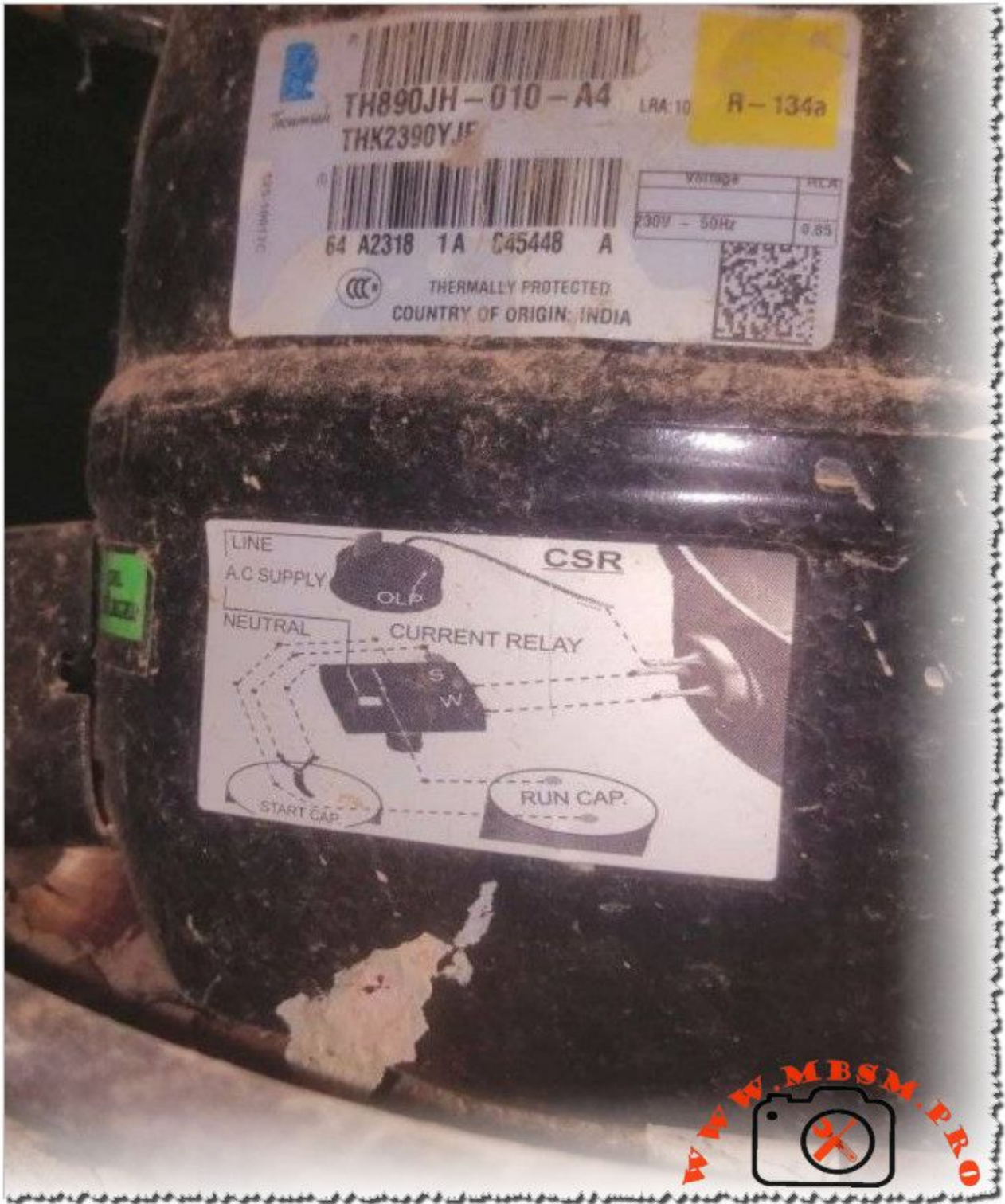
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A technical comparison of the 10 best LBP R134a compressors (1/3 HP) for professional refrigeration and freezing applications—complete with specs, cooling capacities, and application tips.

Mbsm.pro, Compressor, THK2390YJE,
LBP, 1/3 hp, R134a, Freezing,
Tecumseh Compressor

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Mbsm.pro, Compressor, THK2390YJE, LBP, 1/3 hp, R134a, Freezing, Tecumseh Compressor

Mbsm.pro, Compressor ,BPM1084Z,
B1085A, AE8ZA7, 1/8 hp, r134a,

freezing, 102w, 4.15 cc, RSIR

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Compressor BPM1084Z, B1085A, AE8ZA7: A Comprehensive Overview

Mbsm.pro, Compressor, PW4.5VK, 1/8hP, 128 W, PW5.5VK, 1/6hP, 148 W, PW6.5VK, 1/5hP, 168 W, r134a, 1ph220v, watercooler, freezing

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Mbsm.pro, Compressor, PW4.5VK, 1/8hP, 128 W, PW5.5VK, 1/6hP, 148 W, PW6.5VK, 1/5hP, 168 W, r134a, 1ph220v, watercooler, freezing

Mbsm.pro, Panasonic, ESZ100E14RAX, 1/5 hp, freezing, Freezer, es215nf, Electrostara, five drawers, ES 215 P NF, Prestige, 215 L, Compressor, 1/5 Hp, r134a, 130 G

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Mbsm.pro, Panasonic, ESZ100E14RAX, 1/5 hp, freezing, Freezer, es215nf, Electrostar, five drawers, ES 215 P NF, Prestige, 215 L, Compressor, 1/5 Hp, r134a, 130 G

Mbsm.pro, Compressor, TLX4KK, 102h 4446, Compressor Mini Portable, freezing, R600A, Truck Car Fridge, 20-to-40 L, Compatible , EMY20CLC, 1/12 hp, Lbp, 54 W at 23°C, Capacitor 2,5μF

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Mbsm.pro, Compressor, TLX4KK, 102h 4446, Compressor Mini Portable, R600A, Truck Car Fridge, 20-to-40 L, Compatible , EMY20CLC, 1/12 hp, Lbp, 54 W at 23°C, Capacitor 2,5µF

**Mbsm.pro, compressor, 3/8 hp,
cae2412a, r12, lbp, Freezing, 310 w**

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Mbsm.pro, compressor, 3/8 hp, cae2412a, r12, lbp, Freezing, 310 w

Hitachi, Freezing, Compressor, R600a, CL1610-DL, INVERTER, 1/5hp, 615BTU / HR /3000RPM, 180W/3000RPM, LBP, 100v 50/60HZ, With oil change

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HITACHI
Compressor

CL1610

FREEZING

180 Watts

R600a

INVERTER

LBP

RECIPROCATING COMPRESSOR

COOLING

1/5HP 615BTU

SATISFACTION 100% GUARANTEE

CE RoHS CB

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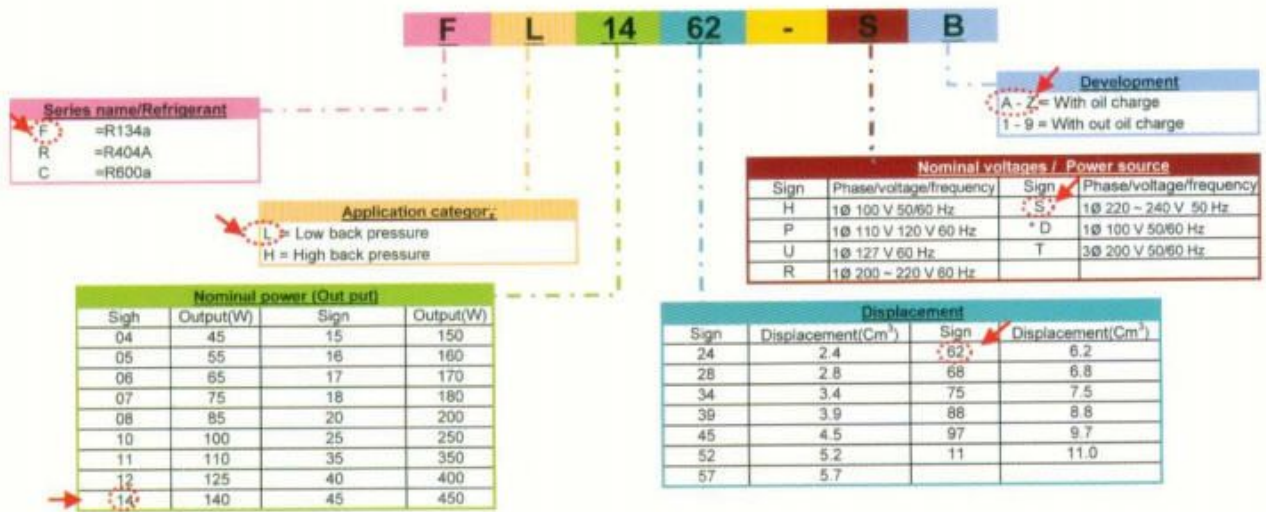
SPECIFICATION

MODEL	Curcuit	HP	BTU/HR	WATTS	PRESSRE BACK	CC
CL1610-DL,DY	INVERTER	1/5	615/3000RPM	180/3000RPM	LBP	10.3

LBP = LOW BACK PRESSURE

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Detail of Label



Series name/Refrigerant

F	=R134a
R	=R404A
C	=R800a

Application category:

L	= Low back pressure
H	= High back pressure

Nominal power (Out put)

Sign	Output(W)	Sign	Output(W)
04	45	15	150
05	55	16	160
06	65	17	170
07	75	18	180
08	85	20	200
10	100	25	250
11	110	35	350
12	125	40	400
14	140	45	450

Nominal voltages / Power source

Sign	Phase/voltage/frequency	Sign	Phase/voltage/frequency
H	1Ø 100 V 50/60 Hz	S	1Ø 220 - 240 V 50 Hz
P	1Ø 110 V 120 V 60 Hz	D	1Ø 100 V 50/60 Hz
U	1Ø 127 V 60 Hz	T	3Ø 200 V 50/60 Hz
R	1Ø 200 - 220 V 60 Hz		

Displacement

Sign	Displacement(Cm ³)	Sign	Displacement(Cm ³)
24	2.4	62	6.2
28	2.8	68	6.8
34	3.4	75	7.5
39	3.9	88	8.8
45	4.5	97	9.7
52	5.2	11	11.0
57	5.7		

Development

A - Z	= With oil charge
1 - 9	= With out oil charge





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Code No.	Model	HP	Capacity (W)	Current (A)	Efficiency COP (w/w)	Voltage / Frequency
R134a Models						
R012001	FL 06S34-TAB	1/12	85	0.70	0.93	220V – 240V / 50Hz
R012002	FL 0739-SQ	1/10	114	0.72	1.20	
R012003	FL 0847-SD	1/8	130	0.83	1.19	
R012005	FL 1152-SB	1/6	143	0.82	1.27	
R012006	FL 1257-SR	1/5	160	0.90	1.25	
R012007	FL 14S62-TAD	1/5	175	0.95	1.30	
R012008	FL 1568-SQ	1/4	200	1.11	1.30	
R012009	FL 20S88-TAC	1/3	255	1.50	1.25	
R012010	FL1888-SE	1/3	245	1.51	1.25	
R600a Models						
	CL 0545-SZ	1/12	62	0.70	1.12	220V – 240V / 50Hz
	CL 1297-SA	1/5	156	0.90	1.46	
	CL 1310-SA	1/5+	163	0.95	1.48	
R600a Models (Inverter)						
	CL 1588-DZ	1/6	134	0.83	1.62	220V – 240V / 50Hz
	CL 1610-DL	1/5	160	0.90	1.65	

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