Mini Split Inverter Compressor Cross-Reference and Winding Resistance

As of November 2026 we list 43 DC inverter rotary compressor models under 77 OEM part numbers; match the model on the compressor label first, then the OEM number if you have it. For 10 of these models, MRCOOL's DIY 5th Gen service manual lists the winding resistance, the same for all three wire pairs: the KSK103D33UEZ3, for example, at 2.13 Ω ±5% at 68 °F (20 °C).

All mini split compressors: hvacexpressparts.com/categories/compressors
Search compressors by model or OEM number: hvacexpressparts.com/search?q=compressor
Not sure which part? Match the number printed on your old part, or call (786) 223-7655, Mon–Fri 9 AM–5 PM ET.

COMPRESSOR MODEL	OEM PART NUMBERS WE LIST	WINDING RESISTANCE PER PAIR, 68 °F (20 °C)
GMCC rotary compressors: KSF, KSK and KSN models		
KSF150N2VKTB3	801403100034	Not in this manual
KSF200N1VKTB3	801403100035	Not in this manual
KSK75D15UDZ3	2360027	Not in this manual
KSK103D33UEZ3	11103020A00576 · 11103020005082	2.13 Ω ±5%
KSK103D33UEZ3	Take-out: 11103020005082 · 11103020A00576	2.13 Ω ±5%
KSN98D22UFZ	11103020A00216 · 11103020000239	1.57 Ω ±5%
KSN98D31UEZA31	92014-001128	Not in this manual
KSN98D31UEZW31	92014-000950	Not in this manual
KSN98D34UEZ3	2340835	Not in this manual
KSN98D64UFZ3	11103020A00776 · 11103020006759 · 11103020A01058	Not in this manual
KSN98D64UFZ3	Take-out: 11103020006759 · 11103020A00776 · 11103020A01058	Not in this manual
KSN140D21UFZ	11103020003919 · 11103020A00557	1.28 Ω ±5%
KSN140D33UFZ3	2378668 · 601403200003	Not in this manual
KSN140D53UFZM3	11223003000414	Not in this manual
KSN140D58UFZ	11103020006459 · 11103020A00816	1.86 Ω ±5%
GMCC rotary compressors: KTF, KTM, KTN and KTQ models		
KTF250D22UMT	11103020A00756 · 11103020A01176 · 11103020000559	0.75 Ω ±5%

COMPRESSOR MODEL	OEM PART NUMBERS WE LIST	WINDING RESISTANCE PER PAIR, 68 °F (20 °C)
KTF310D43UMT	11103020000719 · 11103020A01060 · 11103020000439 · 11103020A00696	Not in this manual
KTM240D43UKP	11223003000403	Not in this manual
KTM240D43UKT	11103020A00736 · 11103020006879	1.03 Ω ±5%
KTM240D43UKT	Take-out: 11103020006879 · 11103020A00736	1.03 Ω ±5%
KTM240D43UMT2	95017-000031	Not in this manual
KTM240D46UKT2	11103020010159 · 11103020A01236	1.04 Ω ±5%
KTM240D57UMT	11103020004360 · 11103020A00636 · 11103020A01038	0.62 Ω ±5%
KTM310D85UMT	601403200013	Not in this manual
KTN110D42UFZ	11103020003399 · 11103020A00977	1.82 Ω ±5%
KTN150D30UFZA	11103020006440 · 11103020A00656	1.02 Ω ±5%
KTN210D61UFUC3	11223003000429	Not in this manual
KTQ420D1UMU	11103020002859 · 11103020002700 · 11103020A00796 · 11103020A01076	Not in this manual
GMCC rotary compressors: ASM, ASN, ATF, ATM and ATQ models		
ASM98D32UFZ	11103020000479 · 11103020A01096	Not in this manual
ASM135D23UFZ	11103020A00015 · 11103020000006	Not in this manual
ASN98D22UFZ	11103020000034 · 11103020000047 · 11103020A00116	Not in this manual
ATF235D22UMT	11103020000179 · 11103020A00176	Not in this manual
ATM150D23UFZ	11103020000499 · 11103020A00276	Not in this manual
ATQ360D1UMU	11103020A00596 · 11103020000619	Not in this manual
ATQ360D1UMU	Take-out: 11103020A00596 · 11103020000619	Not in this manual
ATQ420D1UMU	11103020000029 · 11103020A00296	Not in this manual
GMCC rotary compressors: DA and E-series (EAPQ, EKPQ, ETPQ) models		
DA108X1C-23EZ	11103020000087	Not in this manual
DA130M1C-31FZ	11103020000040	Not in this manual
DA150S1C-20FZ	11103020000201	Not in this manual
EAPQ420D1UMUA	11103020006279 · 11103020006700 · 11103020A00976	Not in this manual
EKPQ420D1UMUA	11103020A01877 · 11103020015083	Not in this manual
ETPQ480D66UMU1	11103020014679 · 11103020A01876	Not in this manual
Other makers: Highly (MTH), Gree (QXAS) and Mitsubishi Electric (KNB)		
KNB092FTAMC	103851	Not in this manual

COMPRESSOR MODEL	OEM PART NUMBERS WE LIST	WINDING RESISTANCE PER PAIR, 68 °F (20 °C)
MTH356UKRC8FQL	11103020014066 · 11103020A01858	Not in this manual
MTH550UKPC8FU	11103020A01857	Not in this manual
QXAS-D23zX090A	105051	Not in this manual
QXAS-D32zX090A	205200003	Not in this manual

Safety. Disconnect power and discharge the capacitors before you unplug or measure anything. Compressor and sealed-system work goes to an EPA Section 608 certified technician.

Returns. Parts that were not installed, connected or used can be returned within 30 days: hvacexpressparts.com/refund-policy.

Source. Winding resistance from: MRCOOL, DIY Series Single-Zone Mini-Split System Service Manual (models DIY-∗-HP-WMAH/C-115/230D25-O), version date April 20, 2026, section 4.8 Check Procedures, "Compressor Check", pages 84–85. Values are ±5% at 68 °F (20 °C), the same for blue-red, blue-black and red-black, and the manual gives them for reference only; "Not in this manual" means it does not list that exact model. Measure with the power off, the capacitors discharged and the leads unplugged from the outdoor board, and confirm against your unit's manual. Model and OEM numbers are from our listings; maker names are as printed on the compressor labels in our photos.

Find your part. Search the number on your old part, or look up your unit in our Parts Finder: hvacexpressparts.com/parts-finder.

HVAC Express Parts is an independent parts seller, not affiliated with GMCC (Midea), Highly, Gree, Mitsubishi Electric or MRCOOL. Brand and model names identify the equipment only.