

Unionaire PUQ012HR5R0WPK 12000 BTU Heat Pump Compressor Technical Specifications and R22 System Overview

Category: air conditioner

written by www.mbsm.pro | 9 February 2026



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The Unionaire PUQ012HR5R0WPK is a robust 12,000 BTU reversible heat pump system designed for demanding climates. Utilizing an R22 rotary compressor, this unit balances efficiency and reliability. Our technical breakdown covers electrical parameters, pressure ratings, and compatible replacements, providing field workers with the essential data needed for professional maintenance, system repairs, and component sourcing.

Unionaire G+ ITWG 022 R5 Air Conditioner Specifications, 21500 BTU Cooling Capacity, Technical Manual and Installation Guide

Category: air conditioner, Mbsmpro
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The Unionaire G+ ITWG 022 R5 represents a robust cooling solution engineered for demanding Mediterranean and Middle Eastern climates. Delivering a potent 21,500 BTU/Hr cooling capacity, this Egyptian-manufactured indoor unit balances high-volume airflow with structural durability. Designed for 220-240V/50Hz systems, it features an IPX4 rating and a compact 12.5 kg chassis for versatile wall-

mounted installation.

Mbsm.pro, Compressor, QX-34F050, 2 hp, r22, GREE, Rotary Compressor, 20185Btu

Category: compressor

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QX-34F050 is a model number for a rotary compressor, specifically the Gree Landa Compressor QX-34F050gA.

Key Features:

- **Refrigerant:** R22
- **Input Power:** 1810W
- **Cooling Capacity:** 20185 BTU/H
- **Voltage:** 220-240V, 50Hz
- **Applications:** Air conditioning, dryers, refrigeration, chillers, etc.



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ROTARY COMPRESSOR NOMENCLATURE

命名方式一 Naming Rule I

Q X C S H - B 17 x B 0 90 A

旋转式压缩机 Rotary Compressor



代号 Code	制冷剂 Refrigerant
.....	R22
A	R410A
B	CO2
C	R407C
D	R290
E	R134a
F	R32
G	R404A
I	R417A
J	R600a

代号 Code	气缸结构 Structure of Cylinder
.....	单缸 Single Cylinder
S	双缸双级 Twin-Cylinder & Single-stage
T	双缸双级 Twin-Cylinder & Twin-stage
V	双缸双级 Twin-Cylinder & Variable Displacement
N	双缸双级 Twin-Cylinder & Twin-stage & Variable Displacement
W	三缸双级 Twin-stage & Variable Displacement

代号 Code	应用 Application
.....	T1
H	T3
R	热泵热水器 HPWH
L	低温冷藏 Low Temp. Refrigeration
K	除湿机 Duct AC
M	干衣机 Clothes Dryer
O	除湿机 Dehumidifier
Y	移动式 Mobile AC
P	低电压应用 Low Voltage AC

系列代号 Code of Series	定子外径 Outer Dia. of Stator
A	Φ101
B	Φ112
C	Φ121.7
D	Φ125
E	Φ133.5
F	Φ139
G	Φ88
H	Φ161
I	Φ56.6
J	Φ61.4
M	Φ107
N	Φ94
T	Φ150
P	Φ50.2
U	Φ89.8

代号 Code	电源 Power supply
.....	220V-240V, 50Hz
f	208V-230V, 60Hz
x	115V, 60Hz
v	127V, 60Hz
j	交流变频 AC inverter
z	直流变频 DC inverter
s	380V, 50Hz, 三相电源 Three-phase power supply
w	220V, 60Hz, 三相电源 Three-phase power supply
y	285V, 60Hz
u	230V, 50Hz
t	220V, 60Hz
m	380V, 60Hz, 三相电源 Three-phase power supply

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Model	QX-34F050gA
Displacement	33.7ML/REV
Input	1810W
Capacity	5916W 20185BTU/H
Refrigerant	R22
Voltage	220-240V.50HZ
Cop	3.27W/W
Height	327mm
Usage	T1 working condition

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T1 R22 [1φ] 220-240V 50Hz

系列 Series	压缩机型号 Model	排量 Displ. (CC)	冷量 Capacity (Btu/h)	制冷量 Refrigerating capacity (W)	功率 Power (W)	COP (W/W)	电容 Capacitor (μF)	压缩机高度 Compressor height (mm)	测试工况 Test conditions
C	QX-C202	20.2	12912	3784	870	4.35	35μF/450V	293	高性能工况
		20.2	13608	3360	1050	3.20			ASHRAE/T
	QX-C214	21.1	12010	3988	917	4.35	35μF/450V	293	高性能工况
		21.1	12564	3520	1100	3.20			ASHRAE/T
	QX-C217	21.7	12564	3682	1150	3.20	35μF/450V	293	ASHRAE/T
	QX-C222	22.2	12999	3810	1189	3.20	35μF/450V	293	ASHRAE/T
QX-C229	22.9	13384	3917	1223	3.20	35μF/450V	293	ASHRAE/T	
QX-C238	23.8	13817	4049	1277	3.17	35μF/450V	293	ASHRAE/T	
D	QX-D273	27.3	15870	4651	1452	3.20	45μF/450V	307	ASHRAE/T
	QX-D287	28.7	16719	4985	1539	3.30	50μF/450V	307	ASHRAE/T
	QX-D29	29.0	16810	4927	1579	3.12	40μF/450V	307	ASHRAE/T
	QX-D295	29.8	17333	5080	1539	3.30	50μF/450V	307	ASHRAE/T
	QX-D305	30.7	17913	5250	1591	3.30	50μF/450V	307	ASHRAE/T
	QX-32	31.5	18654	5467	1735	3.15	45μF/450V	307	ASHRAE/T
QX-D336	33.6	20185	5916	1896	3.12	50μF/450V	307	ASHRAE/T	
F	QX-F295	29.6	19517	5720	1285	4.45	45μF/450V	321	高性能工况
	29.8	17469	5120	1552	3.30	45μF/450V	ASHRAE/T		
	QX-F305	30.6	20421	5985	1345	4.45	50μF/450V	311	高性能T况
	30.6	18049	5290	1603	3.30	50μF/450V	311	ASHRAE/T	
	QX-F325	32.5	19350	5671	1746	3.25	50μF/450V	312	ASHRAE/T
	QX-34	33.7	20185	5916	1810	3.27	55μF/450V	327	ASHRAE/T
QX-F36	35.6	21325	6250	1923	3.25	55μF/450V	327	ASHRAE/T	
QX-37	36.8	22100	6477	1991	3.25	60μF/450V	327	ASHRAE/T	

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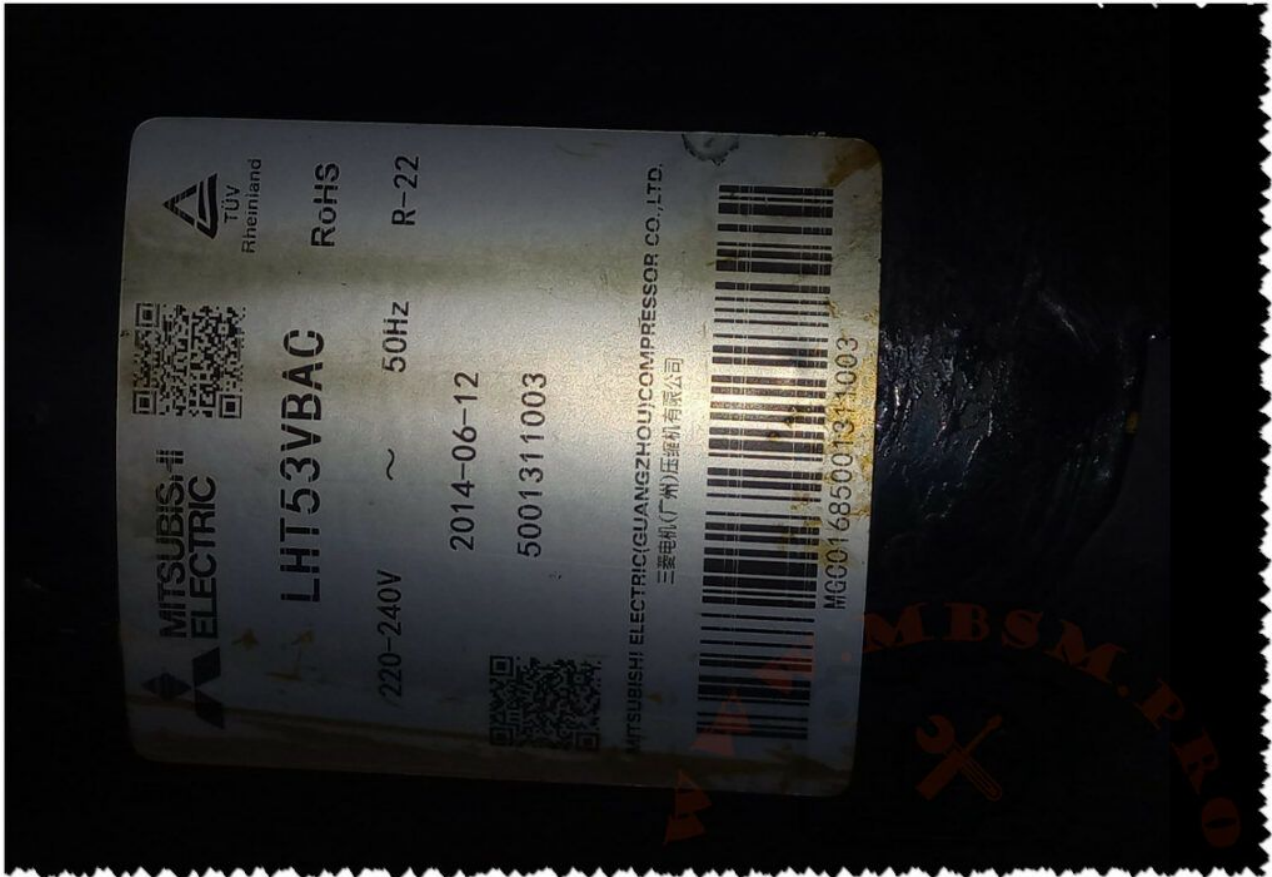
Brand Name	GREE LANDA	Application	Air condition
Model Number	QX-34F050gA	Type	Rotary Compressor
Cooling Capacity(Btu)	20185Btu/h	Horse Power	2HP
Refrigerating capacity(W)	5916W	Displacement(CC)	33.7
Refrigerant	R22	Weight	20KG
Power	1810W	Phase	1
Certification	CE, RoHS	Voltage	220-240V
Height(mm)	327	Frequency	50Hz
Capacitor	55μf/450V	Warranty	1 year
Dimensions of Mouting Plate	φ170	Mouting Plate Angle	50
MOQ	1 pallet	Price	60~80PCS USD 76.95
Place of Origin	China (Mainland)	Port	Zhuhai Airport

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Mbsm.pro, Compressor, LHT53VBAC, 32000 btu, 2.5 ton, 3.5 hp, Mitsubishi Compressor, rotary compressor

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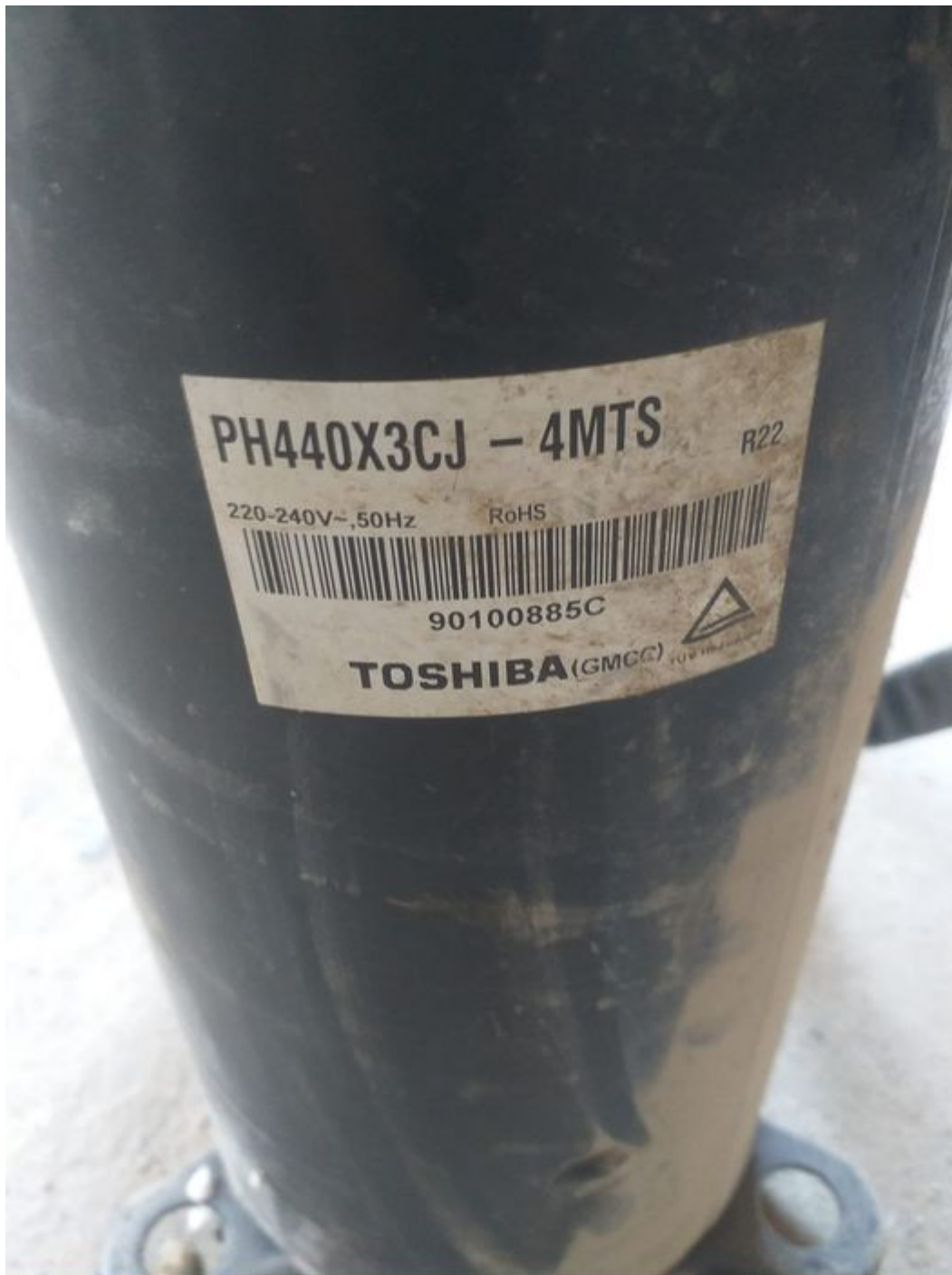
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Mbsm.pro, Compressor, LHT53VBAC, 32000 btu, 2.5 ton, 3.5 hp, Mitsubishi Compressor, rotary compressor

Mbsm.pro, Compressor, ph440x3cj-4mts, Rotary Compressor, 26000 Btu, R22, 3 hp, 2 Tonnes, 2500 w

Category: expertise

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Mbsm.pro, Compressor, ph440x3cj-4mts, Rotary Compressor, 26000 Btu, R22, 3 hp, 2 Tonnes, 2500 w

Mbsm.pro, PH210M2A-4FTS1, rotary compressor, GMCC, R22, 1.5 HP, 2.5 A., Corrosion resistance: Good, copper

Category: compressor



SHOT ON REDMI 9
AI QUAD CAMERA

Mbsm.pro, PH210M2A-4FTS1, rotary compressor, GMCC, R22, 1.5 HP, 2.5 A.

Bsa357cv-r1an Small compressor replaced by qx36h

Category: compressor

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Mbsm.pro, Compressor, bsa357cv-r1an, Highly, Hitachi, R134a, Rotary Compressor, for Air Condition, 220/240V, 1245BTU, run capacitor 5 mF/38, replaced by qx36h

Mbsm.pro, compressor, pH210X2C-4FT1,

Gmcc, Toshiba, R22, 900 G, 1pH, 50Hz 220-240V, Rotary Compressor, Air Conditioner, 12000 btu, 1 ton, 1.5 hp

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Mbsm.pro, compressor, PH210X2C-4FT1, Gmcc, Toshiba, R22, 1pH, 50Hz 220-240V, Rotary Compressor, Air Conditioner, 12000 btu

Mbsm.pro, compressor, TS33vdec, air conditioner, Mitsubishi Hermetic, Refrigeration, Rotary Compressor, Model Ts33vdec, 1 Hp, 10098 btu/h, 945 w, R410A

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TS33vdec

Mbsm.pro, Compressor, SG184SV-H6CUN, 1,5 hp, 12000btu/h, 1T, Hitachi, Rotary Compressor, Panasonic Rotary Compressor, Hitachi Compressor, Hitachi Rotary, SH286UY-C7HUA, 1.5 Hp, r22

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Mbsm.pro, Compressor, SG184SV-H6CUN, 1.5 hp, 12000btu/h, Hitachi, Rotary Compressor, Panasonic Rotary Compressor, Hitachi Compressor, Hitachi Rotary, SH286UY-C7HUA, 1.5 Hp, r22