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
written by www.mbsm.pro | 9 February 2026



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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
written by www.mbsm.pro | 9 February 2026



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

Q 全封闭式 Hermetic

X 旋转立式 Y 旋转卧式 Rotary Vertical Rotary Horizontal

C 旋转式压缩机 Rotary Compressor

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

Code	Structure of Cylinder
.....	单缸 Single Cylinder
S	双缸单级 Twin-Cylinder & Single-stage
T	双缸双级 Twin-Cylinder & Twin-stage
V	双缸变容 Twin-Cylinder & Variable Displacement
N	双缸双级变容 Twin-Cylinder & Twin-stage & Variable Displacement
W	三缸双级变容 Three-Cylinder & Twin-stage & Variable Displacement

Code	Application
.....	T1
H	T3
R	热泵热水器 HPWH
L	低温冷机 Low Temp. Refrigeration
K	除霉机 Duct AC
M	干衣机 Clothes Dryer
O	除湿机 Dehumidifier
Y	移动机 Mobile AC
P	低电压交流 Low Voltage AC

排量 Displ.

Code of Series	Outer Dia. of Stator
A	Φ101
B	Φ112
C	Φ121.7
D	Φ125
E	Φ133.5
F	Φ139
G	Φ88
H	Φ161
I	Φ58.6
J	Φ61.4
M	Φ107
N	Φ94
T	Φ150
P	Φ50.2
U	Φ69.8

分液器规格 Accumulator Spec.

安装板尺寸 Mounting Plate Spec.

安装板角度 Angle of Mounting Plate

改进顺序号 Serial No. of improvement

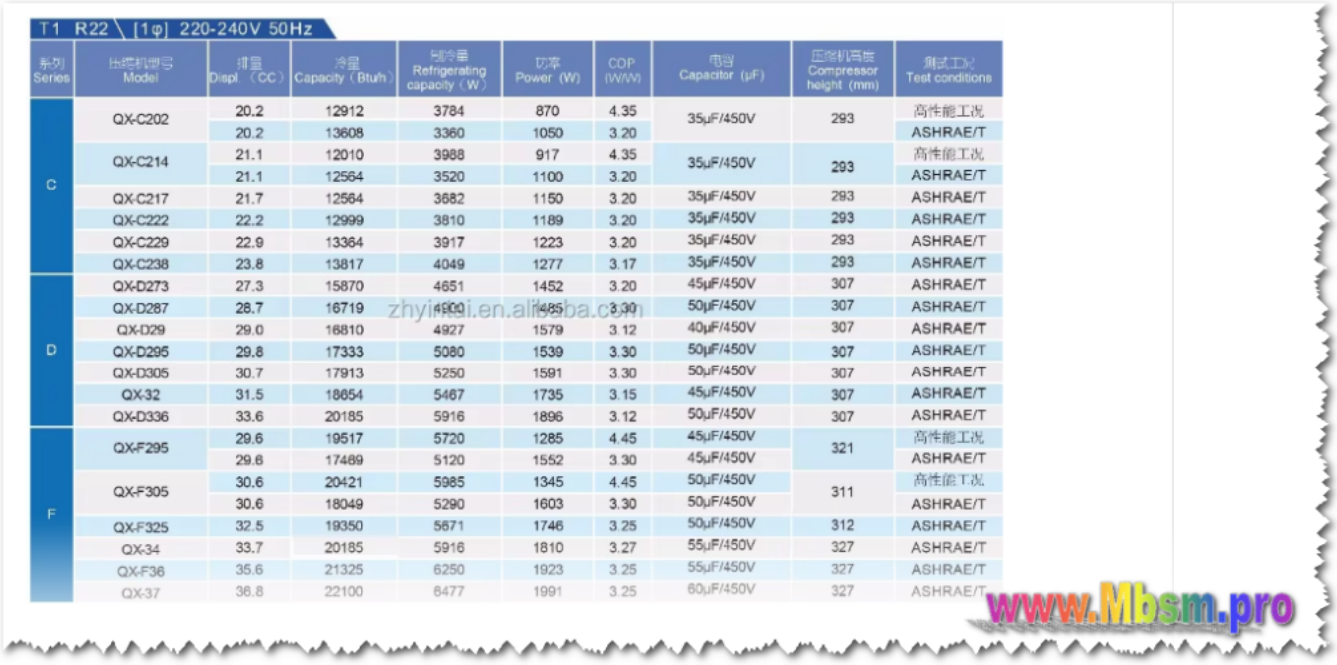
Code	Power supply
.....	220V-240V，50Hz
r	208V-230V，60Hz
x	115V，60Hz
v	127V，60Hz
j	交流变频 AC inverter
z	直流变频 DC inverter
s	380V，50Hz，三相电源 Three-phase power supply
w	220V，60Hz，三相电源 Three-phase power supply
y	265V，60Hz
u	230V，50Hz
t	220V，60Hz
m	380V，60Hz，三相电源 Three-phase power supply

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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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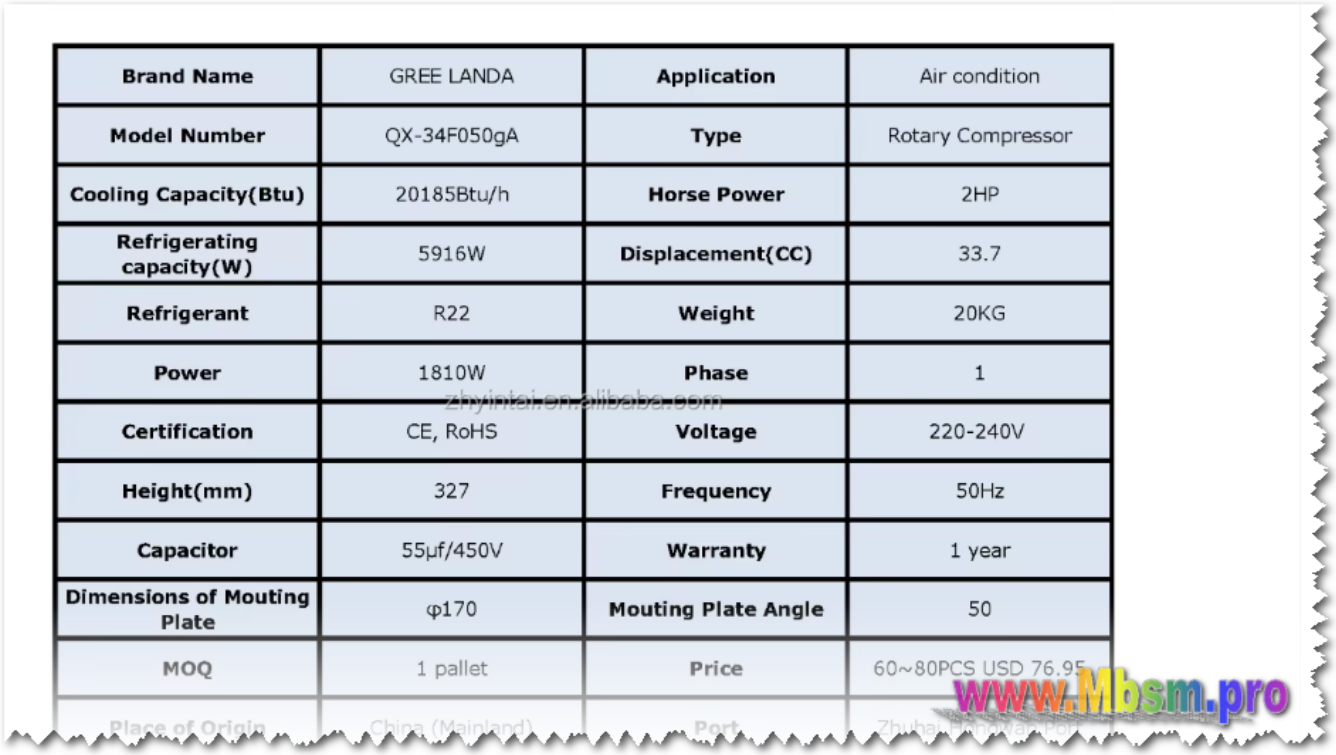


T1 R22 [1φ] 220-240V 50Hz

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	13364	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	4900	1485	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
		29.6	17489	5120	1552	3.30	45μF/450V		ASHRAE/T
	QX-F305	30.6	20421	5985	1345	4.45	50μF/450V	311	高性能工况
		30.6	18049	5290	1603	3.30	50μF/450V		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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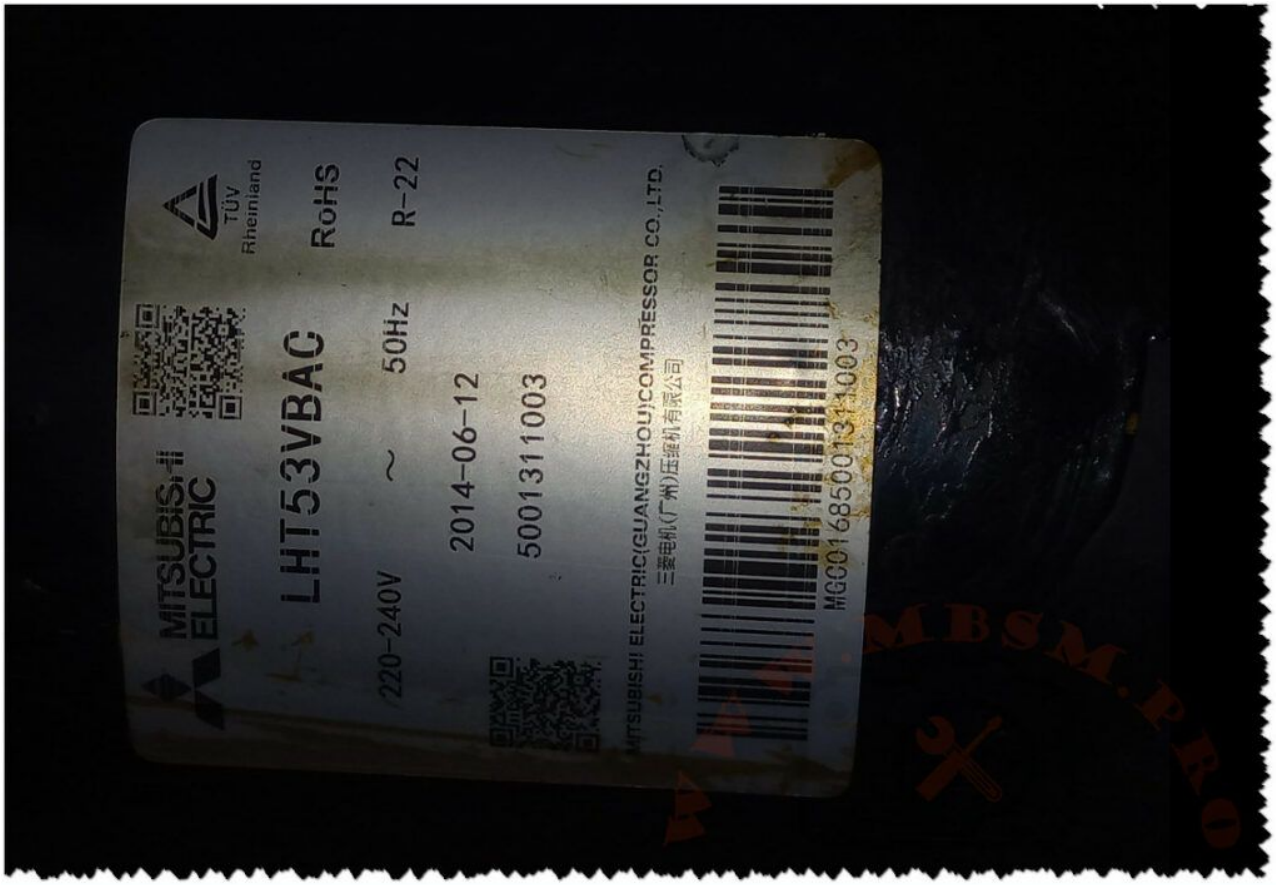
Brand Name	GREE LANDA	**Application**	Air condition
Model Number	QX-34F050gA	**Type**	Rotary Compressor
Cooling Capacity(Btu)	20185Btu/h	**Horse Power**	2HP
Refrigerating capacity(W)	5916W	**Displacement(CC)**	33.7
Refrigerant	R22	**Weight**	20KG
Power	1810W	**Phase**	1
Certification	CE, RoHS	**Voltage**	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/Huangpu

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

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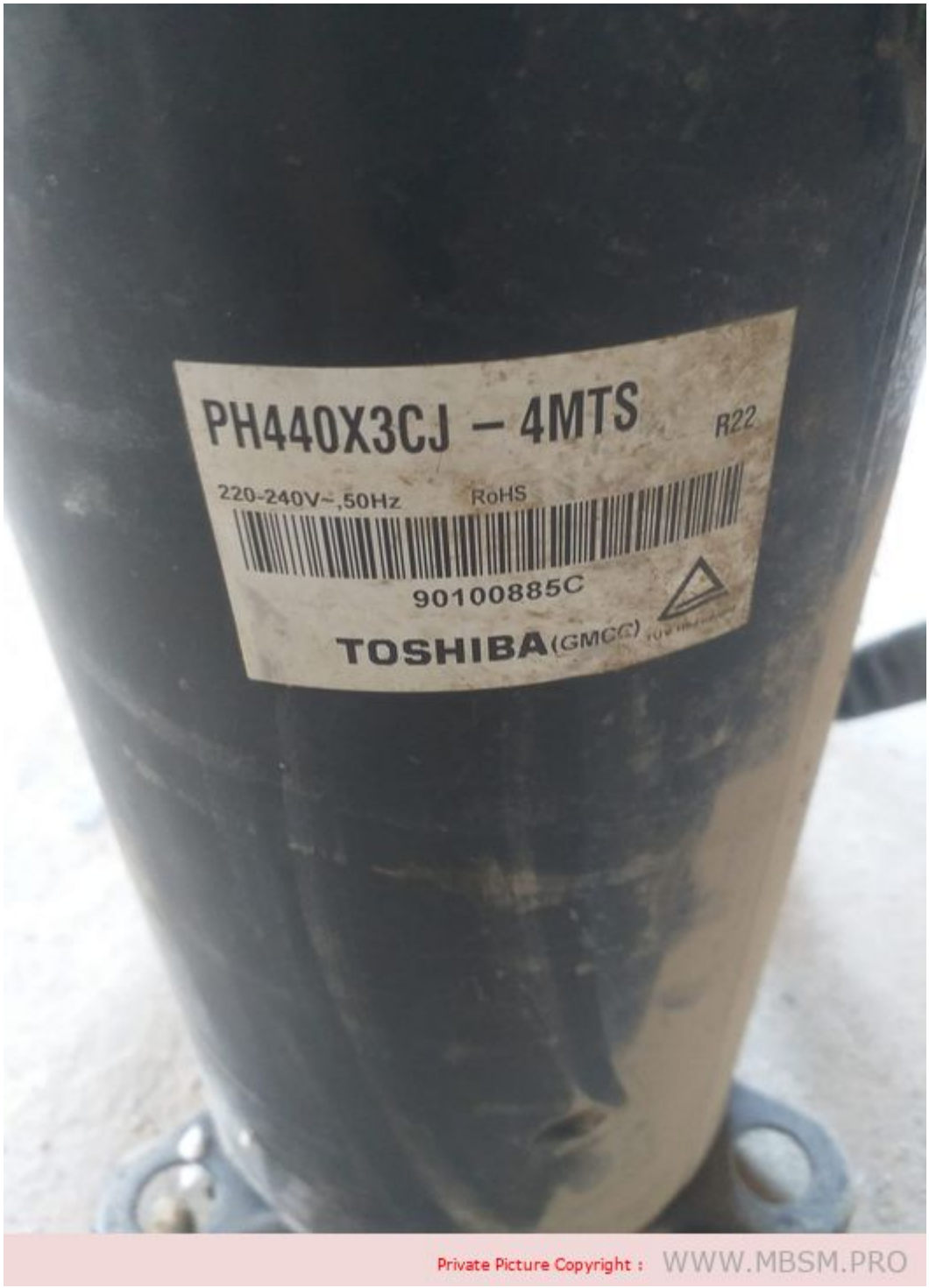


Mbsm.pro, Compressor, LHT53VBAC, 32000 btu, 2.5 ton, 3.5 hp, Mitsubishi Compressor, rotary compressor

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

Category: expertise
written by www.mbsm.pro | 9 February 2026



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

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

Category: compressor


PH210M2A – 4FTS1
R22
220-240V~, 50Hz
RoHS
702008844X SG
GMCC
SHOT ON REDMI 9
AI QUAD CAMERA
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Mbsm.pro, PH210M2A-4FTS1, rotary compressor, GMCC, R22, 1.5 HP, 2.5 A.

Bsa357cv-r1an Smal 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

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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

Category: compressor
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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

Category: air conditioner,Archivation,compressor
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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

Category: Archivation,compressor
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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