

# Panasonic SFH39C73H Compressor Specs and Replacements

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## R134a, refrigerant, compressor SFH39C73H, 220-240V 50Hz, LBP, 1/5 hp

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### Description

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**Mbsm.pro: Compressor, [Panasonic](#), [SFH39C73H](#), [1/5 HP](#), 1Ph, 220-240V 50Hz, [R134a](#), LBP, Refrigeration & Freezing**

## Technical Specifications Table

Feature	Details
Model	<a href="#">SFH39C73H</a>
Utilisation	LBP (Low Back Pressure)
Domaine	Refrigeration/Freezing/Cooling
Cooling Wattage at -23.3°C	Approx. 105-110 W
Cubic Feet Capacity	4 to 7 cu. ft. (Depending on insulation)
Litres Capacity	100 to 200 Liters
Kcal/h	90-95 Kcal/h (at -23.3°C)
TON	~0.03 Tons
Oil Type and Quantity	Mineral Oil or POE, 180-220 ml
Horsepower (HP)	<a href="#">1/5 HP</a>
Refrigerant Type	<a href="#">R134a</a>
Power Supply	220-240V/50Hz/1Ph
Cooling Capacity BTU	360-380 BTU/h (at -23.3°C)
Motor Type	RSCR (Resistance Start Capacitor Run) or RSIR
Displacement	3.9 cm <sup>3</sup>
Winding Material	Copper
Pression Charge	8-12 Bar (High Side)
Capillary Recommendation	0.028" to 0.032" (Length varies by application)
Compatible Appliances	Domestic refrigerators, small freezers, beverage coolers
Temperature Function	-35°C to -5°C

Feature	Details
With Fan or No	No (Static cooling)
Commercial or No	Residential/Light Commercial Grade
Amperage (FLA)	0.8 A to 1.2 A
LRA (Locked Rotor Amps)	5.5 A to 7.0 A
Type of Relay	PTC Relay or Current Relay ( <a href="#">Panasonic</a> specific)
Capacitor Value	Not required for RSIR; 10-15 $\mu$ F for RSCR
Origin/Exporting	Designed in Japan/Manufactured in Singapore or China

### Replacement Model:

Brand	Model Number
danfoss	<a href="#">SC10G</a> , SC12G
embraco	<a href="#">NL5FT</a> , NL6FT
electrolux	<a href="#">SFH39C73H</a>
foster	SFH39 series
gec	<a href="#">NL5FT</a>
gorenje	SFH39 compatible
huayi	<a href="#">HYB35YG</a>
lg	<a href="#">MC3510Y</a> , MC4010Y
matsushita	<a href="#">SFH39C73H</a> , SF39C60RAW5
<a href="#">panasonic</a>	<a href="#">SFH39C73H</a> , SF39C60RAW5, SFH39C64RAW
secop	<a href="#">SC10G</a> -HST
tecumseh	<a href="#">CAJ4410Z</a> , CAJ4510Z

## Efficiency Metrics (COP) Table

Performance varies significantly based on how hard the unit is working. Here is how the [SFH39C73H](#) performs across the temperature spectrum:

Evaporating Temp (°C)	Cooling Capacity (Watts)	Power Consumption (Watts)	COP (W/W)
-35	65	68	0.95
-30	82	75	1.09
-25	95	78	1.22
-23.3	105	80	1.31
-20	115	83	1.39
-15	135	88	1.53
-10	158	93	1.70
-5	185	98	1.89

## 5 Replacements (Same R134a Gas)

1. **Embraco [NL5FT](#)** (Direct equivalent, [1/5 HP](#), LBP)
2. **Danfoss [SC10G](#)** (Strong alternative, reliable performance)
3. **Tecumseh [CAJ4410Z](#)** (Classic reliable swap, [R134a](#))
4. **LG [MC3510Y](#)** (OEM quality, Korean manufacturing)
5. **Huayi [HYB35YG](#)** (Budget-friendly alternative, Chinese manufacture)

## 5 Replacements (Other Gas – R600a/R290)

*Note: Requires complete system flush and expansion valve/capillary adjustment.*

1. **Embraco [EG60HLC](#)** (R600a – Isobutane, very efficient)
2. **Danfoss [SC10CNX](#)** (R290 – Propane, modern refrigerant)
3. **[Panasonic NR series](#)** (R600a – Direct manufacturer alternative)
4. **Secop [NL5FT-R600a](#)** (R600a conversion variant)
5. **Tecumseh [THB4510Z](#)** (R600a – High efficiency)

## SEO Information

**Focus Keyword:** [Panasonic SFH39C73H](#) Compressor Specs and Replacements

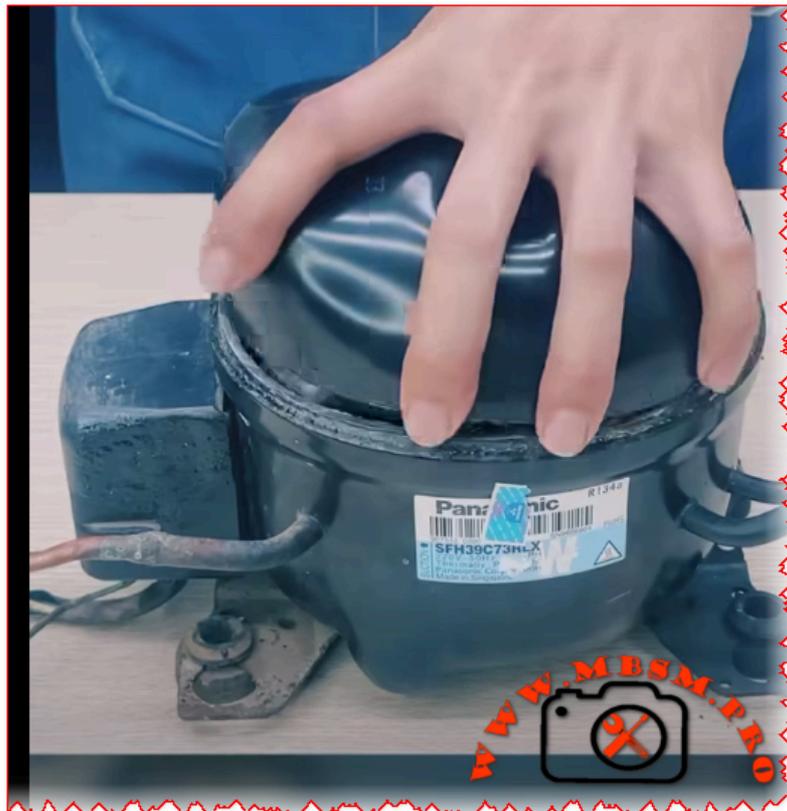
**SEO Title:** [Mbsm.pro](#) – [Panasonic SFH39C73H](#) Compressor: [1/5 HP R134a](#) Technical Guide

**Meta Description:** Looking for [Panasonic SFH39C73H](#) specs? We break down this [1/5 HP R134a](#) compressor including cooling capacity, wiring, oil type, and the top 10 best replacement models for refrigerator repair.

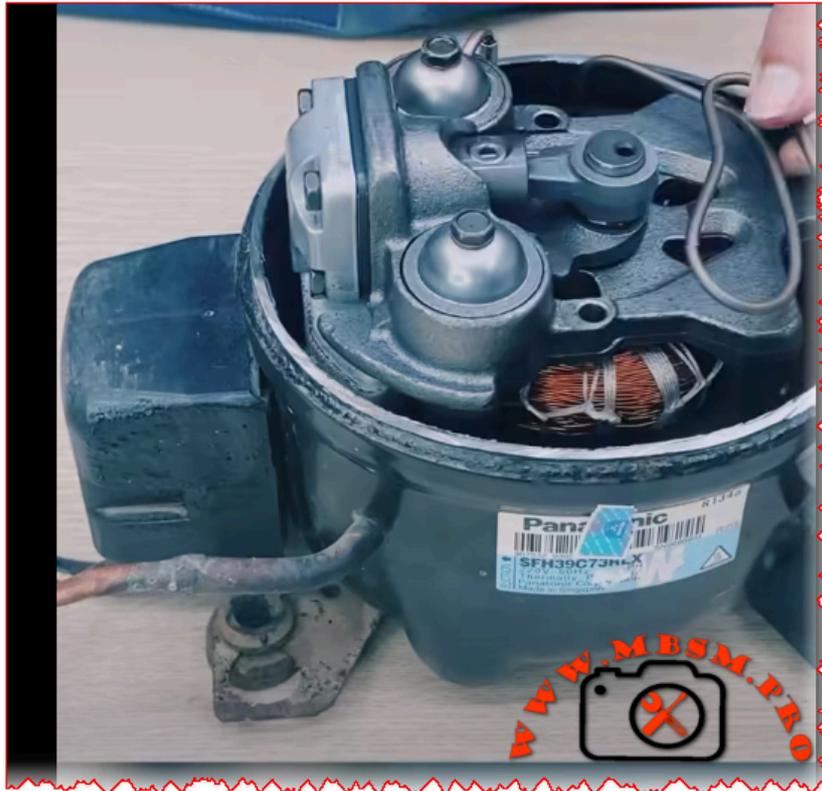
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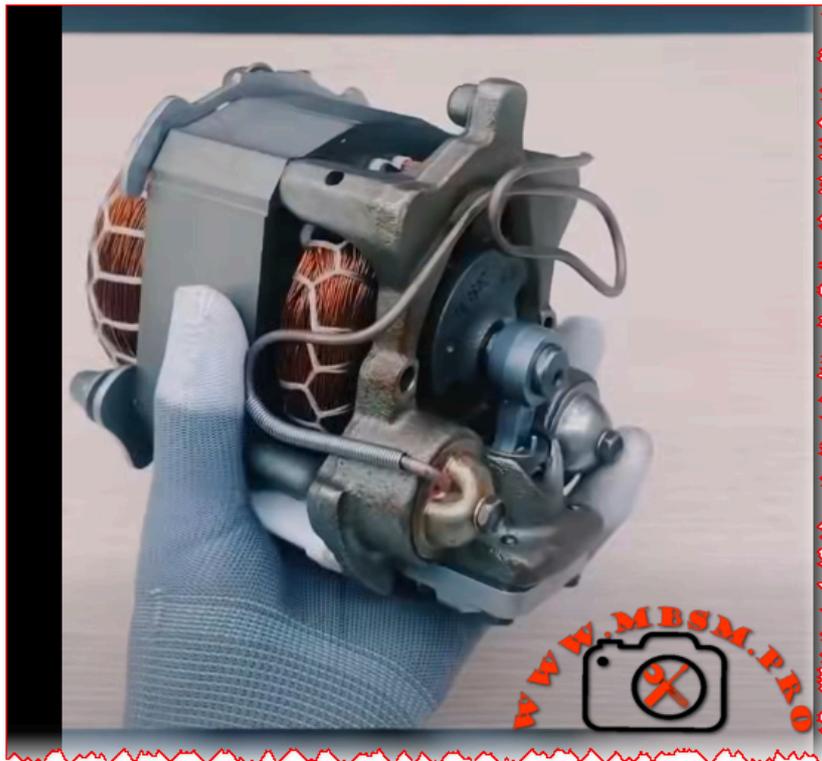
**Excerpt:** The [Panasonic](#) SFH39C73H is a compact [1/5 HP](#) compressor designed for [R134a](#) refrigeration systems, commonly found in domestic refrigerators and small freezers. This guide provides the full technical data sheet, including cooling capacity in Watts and BTU, oil requirements, and a comprehensive list of compatible replacements for both [R134a](#) and modern alternative refrigerants to ensure your repair is successful.



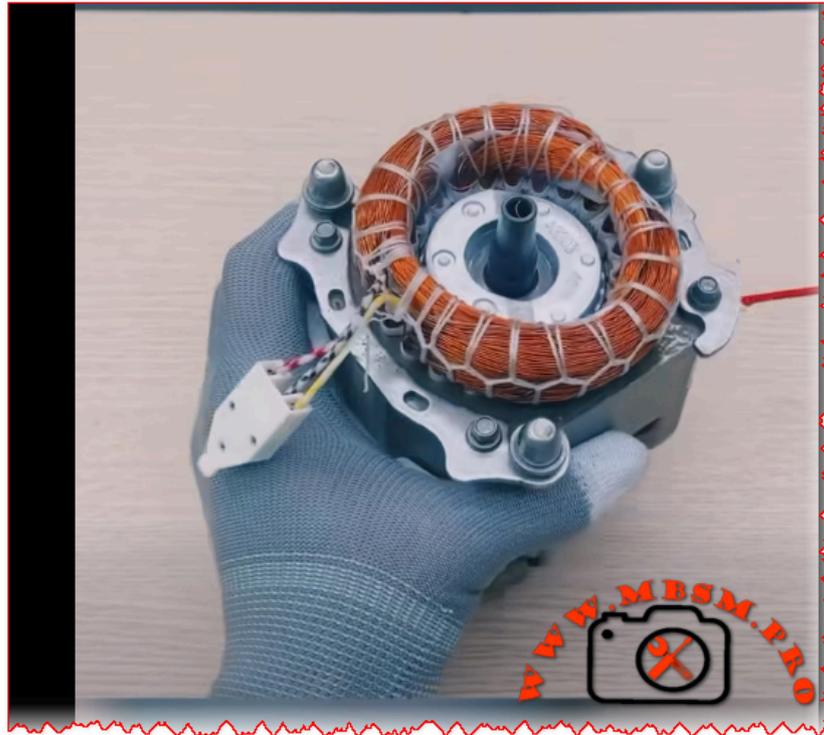
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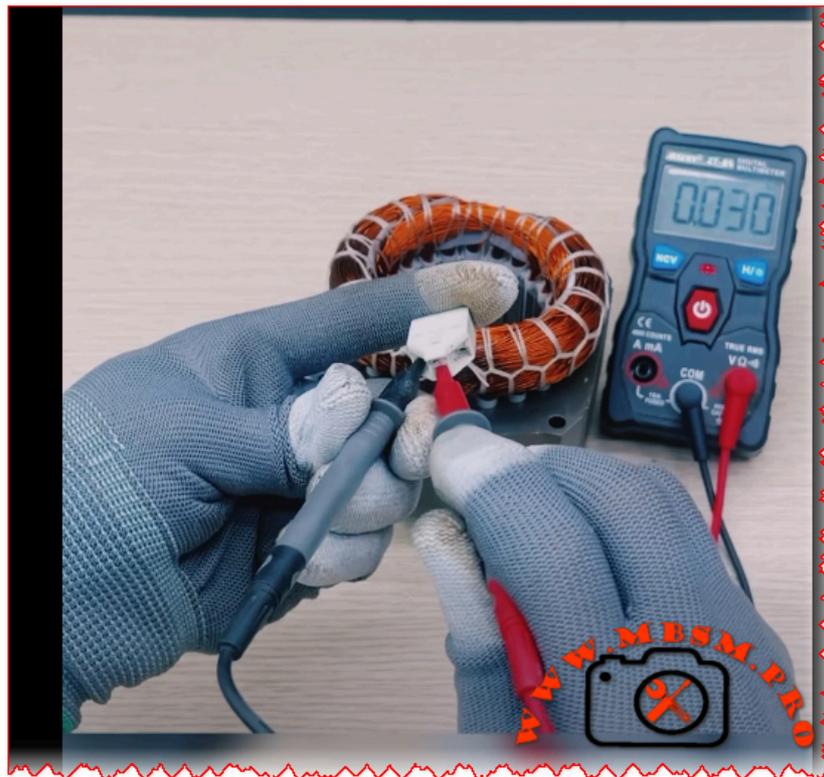
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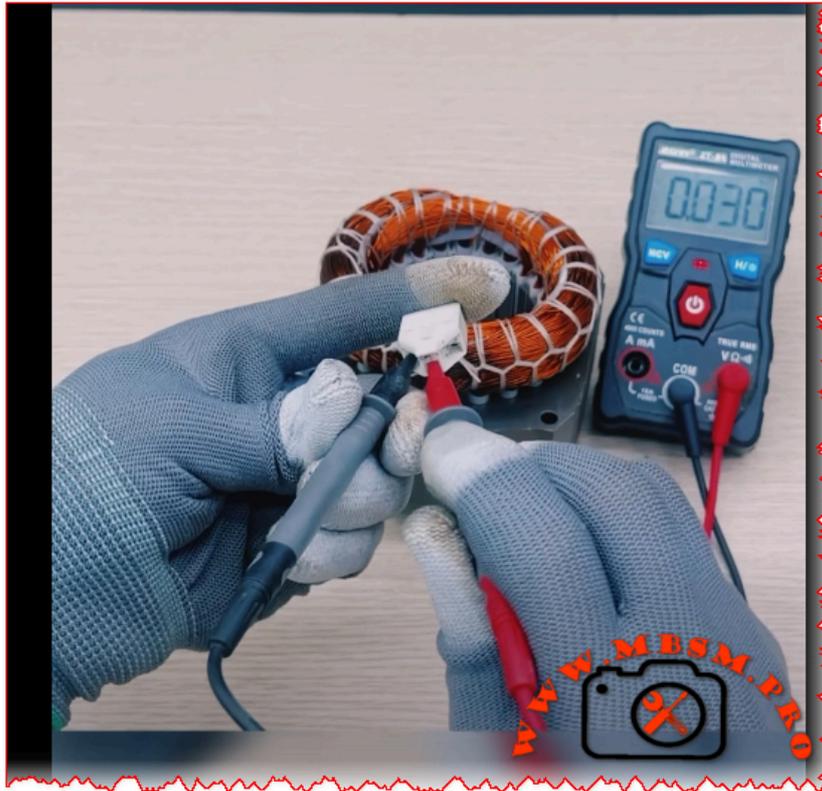
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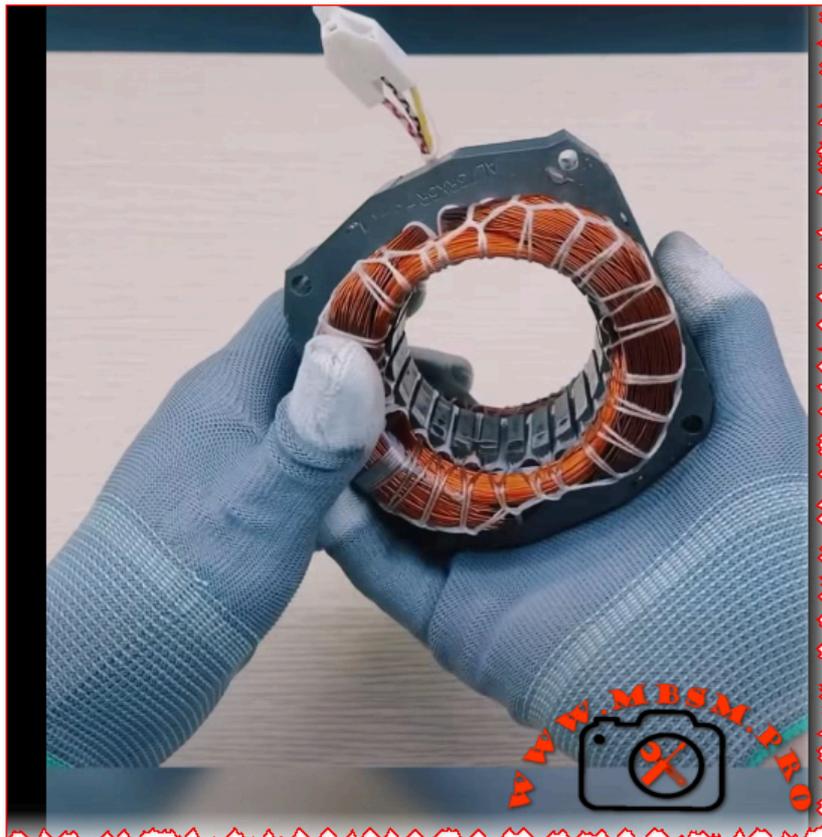
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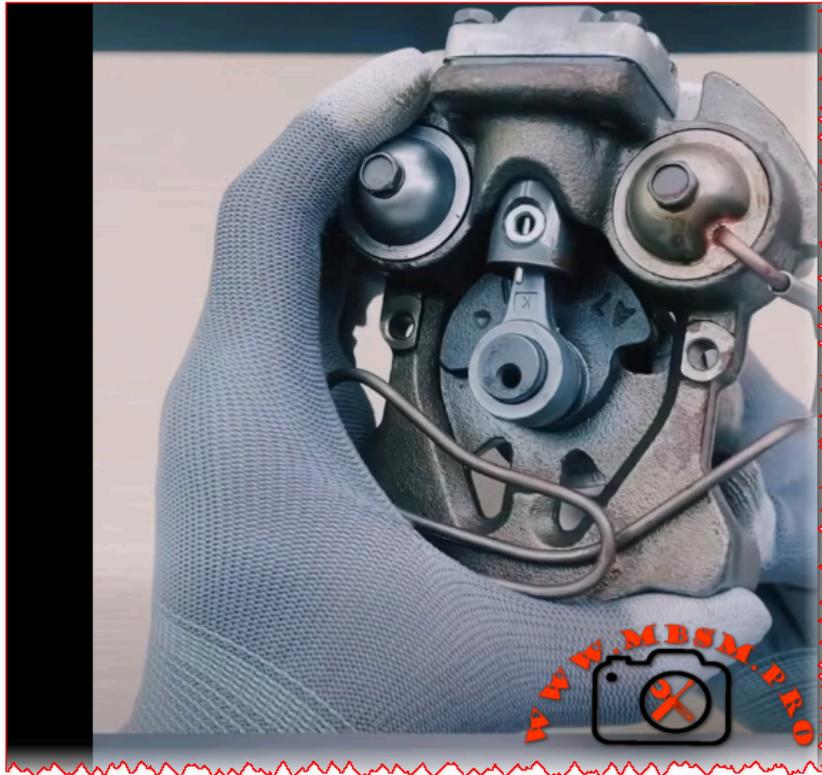
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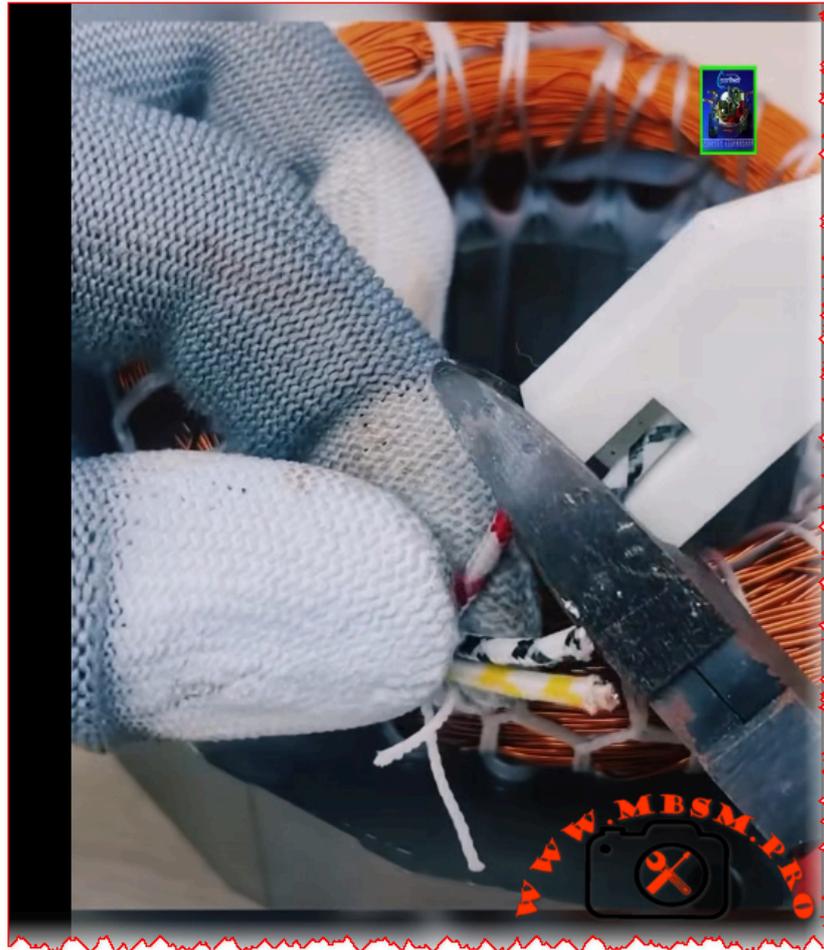
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**Caractéristiques du produit**

Type	Piston	Type De gaz	Air
Source d'énergie	AC PUISSANCE	Modèle de lubrification	Lubrifié
Méthode de refroidissement	Refroidi par air	Configuration	Stationnaire
Tension	115V/60Hz	Machines Rapport D'essai	Fourni
Vidéo sortant d'inspection	Non disponible	Muet	OUI
Garantie	1AN	Composants de base	Moteur
Poids (KG)	6.5	Point d'origine	Singapore
Marque nom	woma	Dimension (L*W*H)	30*18*20
Condition	Nouveau	Service après-vente fourni	Pièces détachées gratuites
Poids	9	Certification	CCC
Réfrigérant	R134a (en)	Tension	115V/60Hz
Puissance en chevaux	1/5HP		



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