

**www.mbsm.pro, Beko Compressor,  
MTS170MT, R600A ,Capacity 170 kcal,  
1/4HP , 197W ,LBP, LRA 12.6 A ,1PH  
,BEKO FRIDGE & FREEZER**

Category: compressor

written by www.mbsm.pro | 29 May 2020

www.mbsm.pro, Beko Compressor, MTS170MT, R600A ,1/4HP , 1PH ,

**BEKO FRIDGE & FREEZER**

## More About This Product

### Fitting

This product is manufactured and designed to be compatible or used with appliances of the brand or manufacturer listed above, or for selected commercial/domestic applications.

### Other Information

None, at present.

### Product Classification

This is a genuine original product made and supplied by the original equipment manufacturer (OEM). In order to maintain a valid warranty it is recommended to always use genuine original products. Genuine original products are specifically manufactured to increase the performance, functionality and life-span of your machine.

### Manufacturer Information

We stock and supply a range of Beko, Blomberg, Flavel, Leisure Arcelik Group products.

Beko has become one of the fastest growing brands in the UK offering today an extensive product range including refrigeration, laundry, dishwashers and television. Second largest brand in Turkey, its home market, Beko continues to develop the mission and the reputation to serve customers with innovative products that genuinely surprise them, like the New Xpress Washing machine. Beko has been operating in the UK & Ireland since 1990 and is the UK's Best-selling Large Home Appliance brand. Designed to make your life easier thanks to super-fast programmes and energy saving technology – Beko delivers exceptional value for money, providing smart, innovative and energy efficient home appliances. Beko has achieved an average of 9 out of 10 review score from thousands of customer reviews for its range of American style fridge freezers, Built In Ovens and washing machines.

## Consumables

### Bulk Ordering

This product may be offered in bulk quantities, please refer to the box or pallet quantity in the specification box above. There may be a bulk discount available. In order to benefit from any discount available, add the box or pallet quantity (or multiples thereof) to your basket and the price will be updated automatically.

### Related Items & Substitutes

Where available we may have an alternative or substitute product, or other items we think you may be interested in. Please see below.

### Still Having Trouble?

If the information provided on this page still isn't sufficient for you to be certain it's what you require, please contact us for further assistance.



**TEE** TÜRK ELEKTRİK  
**MTS 170 MT S222-17**  
220-240VA  
LRA: 12.6  
58982098 CL 09  
R600a

MTS = SERIE

170 Capacity En Kcal  
1 kilocalories/hour = 1.163  
watts  
170 Kcal \* 1.163 = 197.71

197 = 1/4 hp



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Electrolux, Group, Compressor, Fridge-Freezer, R600a, 1/10HP, S53CY, 1PH220V50HZ, LBP, Industrial, Refrigeration

Category: compressor

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Electrolux, Group, Compressor, Fridge-Freezer, R600a, 1/10HP, S53CY 1PH220V50HZ, LBP, Industrial, Refrigeration

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Mbsm.pro, Donpers Compressor, LBP, Fridge Freezer, Ice Making Commercial

Refrigeration, Compressor, D25DZ1  
(1/5 hp, 177 w), S43CZ1 (1/7 hp),  
S50CZ1, L58CZ1 (1/5 Hp), L65CZ1 (1/5  
hp++), L72CZ1 (1/4 hp), L76CZ

Category: Technologie, Tester ok  
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RoHS

<http://www.donper.com>



201120003251202363

L58CZ1

220-240V~50Hz 1PH  
THERMALLY PROTECTED



SUCTION → 7

R134a

SYS12200901

BCD-270 (M)



027002201212000064

Donpers Compressor, LBP, 1/4 Hp ,Fridge Freezer, Ice Making Commercial Refrigeration, Compressor, D25DZ1, S43CZ1, S50CZ1, L58CZ1 L65CZ1, L72CZ1, L76CZ ,195 w

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## Danfoss ,Fridge Compressor ,NL7FT , 1/4 HP ,R134a

Category: Non classé,Technologie,Tester ok  
written by [www.mbsm.pro](http://www.mbsm.pro) | 29 May 2020  
Danfoss ,Fridge Compressor ,NL7FT , 1/4 HP ,R134a

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## Mbsm.pro, compressors, QD43H, QV30H, QD52H, QD65H, QD75H, WV43YB, QD91YB

Category: compressor  
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AFT hermetic refrigerator compressors, including R134a models QD43H, QV30H, QD52H, QD65H and QD75H, alongside R600a models WV43YB and QD91YB, each supplied with starting components and packed in branded cartons for retail or OEM use. The power range spans from approximately 1/10 HP up to 1/4–1/5 HP

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Mbsm.pro, compressor, EGM91AA, refrigerators, Freezing, Cooling, R134a, ZMC compressors, 1/4 hp, Lbp

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The EGM91AA compressor from ZMC Egypt is a key component of modern household refrigeration, combining advanced engineering, R134a compatibility, and 220–240 V operation to deliver efficient, reliable cooling performance that appeals to appliance manufacturers and field technicians alike.



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Mbsm.pro, Compressor, Lg, Lbp,  
MB88NA, 151 w, 1/5 hp, r600a,  
1ph-220v-50hz

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Mbsm.pro, Compressor, Lg, Lbp, MB88NA, 151 w, 1/5 hp, r600a, 1ph-220v-50hz

# Mbsm.pro, Compressor , Tecumseh, KULTHORN

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Mbsm.pro, Compressor , Tecumseh

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## Mbsm.pro, Compressor , s36G, 1/10 hp, 1ph 220v/50hz, R134a, 32g, water-cooler, BLY-F/950

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Information	Value
Model	BLY-F (905)
Rated Voltage	220-240V~
Rated Frequency	50/60Hz
Heating Power	450W
Total Power	550W
Maximum Rated Wattage of Lamps	0.5W
Cooling Capacity	1.5L/h
Cooling Consumption	0.100Kwh/H
Rated Cooling Current	0.8A
Refrigerant	R134a/32g
Climate Class	T
Protection Class	I
Foam	EPS
Waterproof Degree	IPX0
Made in	China

## Water Dispenser / Mini Fridge Compressor (1/10HP)

Refrigeration Compressor Type	Reciprocating Compressor
Refrigerant	R134A
Usage	Water Dispenser / Small Fridge / Minibar / etc
Warranty	N/A
Voltage	220-240V / 50Hz
Displacement	3.6 cm <sup>3</sup>
Model No.	S36G / QD36
Cooling Power (W)	80W
Cooling Power (HP)	1/10 HP

Small refrigeration compressor mainly used in:

- Water Dispenser (cooling cabinet models)
- Small Refrigerator / Mini Bar / Ice Machines
- Other small refrigerating equipment

Cooling Power: 85W (1/10 HP)

Electricity required: 220-240V / 50Hz

## 1. Compressor (Model S36G)

- **Purpose:** The core component for pressurizing refrigerant in a cooling cycle.
  - **Model S36G:** Likely a specific compressor model (possibly from a brand like Secop, Danfoss, or a regional manufacturer). Verify with manufacturer documentation for exact specs.
  - **Application:** Small-scale systems (e.g., commercial water coolers, medical devices, or compact refrigeration) due to the small refrigerant charge.
- 

## 2. Refrigerant (R134a, 32g)

- **R134a:** A common hydrofluorocarbon (HFC) refrigerant used in medium-temperature systems (e.g., refrigerators, AC units, water coolers).
  - **32g Charge:** Indicates a small system, typical for portable or compact units. Ensure the charge matches manufacturer specifications to avoid inefficiency or damage.
- 

## 3. Water-Cooler System

- **Water-Cooled Condenser:** Uses water (instead of air) to dissipate heat, improving efficiency. Requires a water supply, pump, and possibly a cooling tower.
  - **Applications:** Often found in commercial settings (e.g., water dispensers, industrial chillers, or high-efficiency HVAC systems).
- 

## 4. BLY-F/950

- Likely a **component model**, such as:
    - **Filter drier:** Removes moisture/contaminants from refrigerant.
    - **Pressure switch:** Safety device to control system pressure.
    - **Control board/Valve:** Part of the system's electrical or flow regulation.
    - Check manufacturer manuals or suppliers for exact function.
- 

## Key Considerations

1. **Compatibility:** Ensure the compressor (S36G) is designed for R134a and water-cooled operation.
2. **Refrigerant Charge:** Confirm 32g is correct (undercharging/overcharging affects performance).
3. **Water Cooling:** Check for scale buildup, water flow rate, and pump functionality.
4. **BLY-F/950 Replacement:** Cross-reference with OEM parts or contact the system



manufacturer.

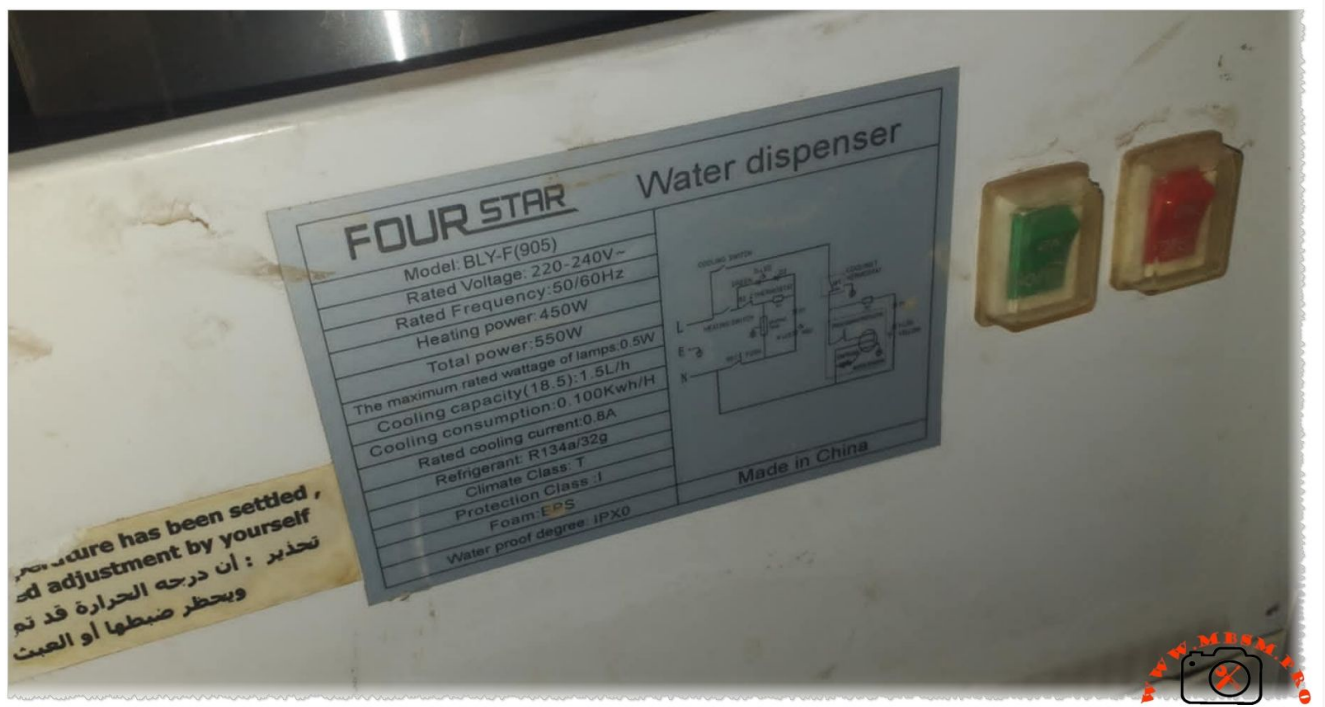
## Troubleshooting Tips

- **Low Cooling Efficiency:** Check refrigerant charge, water flow, or condenser cleanliness.
- **Component Failure:** Test the BLY-F/950 part (e.g., continuity for switches, clogging in filter driers).
- **Noise/Leaks:** Inspect the compressor and refrigerant lines.

### Products Introduction:

Voltage / frequency(V/Hz)	Horsepower (hp)	Model	Displacement	Motor type	Cooling capacity+/-5% ASHRAE(-23.3℃)			Input Power +/-5% w	COP+/-7% ASHRAE(-23.3℃)			Cooling
					(cc/rev)	(kcal/h)	(W)		(Btu/h)	(kcal/h)	(W)	
			220-240V~ 50/60Hz		1/14hp	ASV20H	2.0cc	RSIR	41	48	164.00	
1/13hp	ASV25H	2.5cc		RSIR	50	58	198.00	68.00	0.73	0.85	2.9	ST
1/12hp	ASV30H	3.0cc		RSIR	60	70	239.00	82.00	0.73	0.85	2.9	ST
1/12hp	S30G	3.0cc		RSIR	56	65	222.00	72.00	0.77	0.9	3.07	ST
1/10hp	S36G	3.6cc		RSIR	69	80	273.00	89.00	0.77	0.9	3.07	ST
1/8hp	ASW43H	4.3cc		RSIR	106	123	420.00	98.00	1.08	1.25	4.27	ST
1/6hp	ASW53H	5.3cc		RSIR	120	140	478.00	112.00	1.08	1.25	4.27	ST
1/5hp	ASW65H	6.5cc		RSIR	143	165	566.00	132.00	1.08	1.25	4.27	ST
1/4hp	ASW75H	7.5cc		RSIR	168	190	665.00	152.00	1.08	1.25	4.27	ST
1/4+hp	ASQ91H	9.1cc		RSIR	189	220	751.00	176.00	1.08	1.25	4.27	ST
1/3hp	ASQ110H	11.0cc		RSIR	241	280	955.00	215.00	1.11	1.3	4.43	ST
1/3+hp	ASQ128H	12.8cc		RSIR	280	326	1112.00	251.00	1.11	1.3	4.43	ST
115-127V/60Hz	1/14hp	ASV20HD	2.0cc	RSIR	47	55	188.00	65.00	0.73	0.85	2.9	ST
	1/10hp	ASV25HD	2.5cc	RSIR	56	65	222.00	78.00	0.77	0.9	3.07	ST
	1/12hp	ASV30HD	3.0cc	RSIR	69	80	273.00	100.00	0.77	0.9	3.07	ST
	1/8hp	ASW43HD	4.3cc	RSIR	116	135	460.00	108.00	1.08	1.25	4.27	ST
	1/6hp	ASW53HD	5.3cc	RSIR	138	160	546.00	128.00	1.08	1.25	4.27	ST
	1/5hp	ASW65HD	6.5cc	RSIR	167	194	662.00	147.00	1.14	1.32	4.5	ST
	1/4hp	ASW75HD	7.5cc	RSIR	196	228	777.00	173.00	1.14	1.32	4.5	ST
FC:Fancooling	RSIR:ResistanceStartInductionRun						EvaporatingTemp.: -23.3℃(-10℉)			1watt=3.41Btu/Hr		
OC:Oilcooling	RSCR:ResistanceStartCapacitorRun						CondensingTemp.:54.4℃(130℉)			1watt=0.86Kcal/Hr		
ST:Static	CSIR:CapacitorStartInductionRun						GasSuperheatedto:32.2℃(90℉)			1Kcal/Hr=3.97Btu/Hr		
	CSR:CapacitorStartCapacitorRun						Liquidsub-cooledto:32.2℃(90℉)					
							AmbientTemp.:32.2℃(90℉)					
As a result of a self-improvement policy of constant development, technical specifications may be subject to change.												





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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

Category: compressor

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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