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**PORTABLE FRIDGE / FREEZERS**

# **ENGEL**

**General Catalog**

## **A LEGEND IN RELIABILITY**

Whatever YOUR NEEDS

There's an ENGEL for you.

**WILDERNESS / MARINE / ON THE ROAD**



**SAW FUJI**

# ENGEL CELEBRATES 50 YEARS AS THE LEADING PROVIDER OF PORTABLE FRIDGE-FREEZERS



The leading brand for the past 50 years, only ENGEL portable fridge-freezers guarantee to go anywhere. Their reputation speaks for itself. ENGEL's commitment to continuous improvement means that the ENGEL of today is the most reliable, efficient and quietest on the market, full of features to ensure it is easier to use than ever before.

Exclusive built-in AC/DC compatibility with automatic voltage selection standard on most models. Unique 'Sawafuji Swing Motor' is the world's most efficient AC/DC compressor and uses less power than any other portable fridge/freezer compressor. Thermostat control gives reliable, temperature control. Deep interior for convenient upright bottle storage. Vents that allow easy storage. Turbo cooling fan (standard on most models) that boosts performance in confined spaces. Convenient on/off power indicator. Fully generator compatible (Automatic voltage regulated only). Tough, solid casing for harsh conditions. Steel handles (most models) double as tie down points. Soft, rounded edges protect vehicle interiors. High density polyurethane walls provide the best insulation. Excellent resale value.

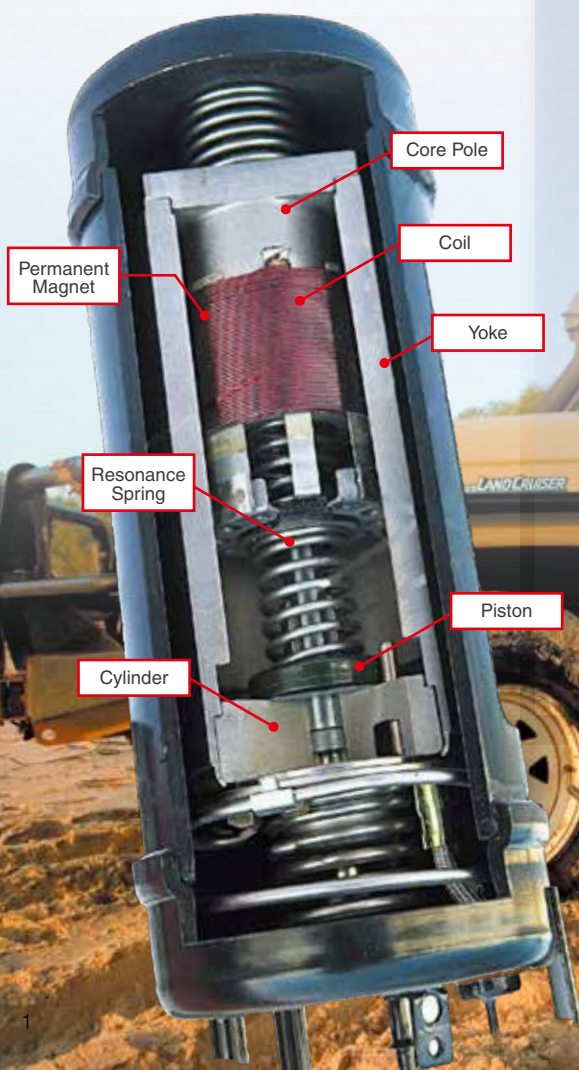
## **ENGEL's World Famous Sawafuji Swing Motor**

Unique to ENGEL, this purpose built compressor is purposely designed for portable refrigeration.

The Sawafuji Swing Motor is a true reciprocating compressor; and is unique in its simplicity - it has only one moving part. The piston connects to an electro dynamic device which is powered by the use of magnetic fields. This technology means no need for bearings, cranks or con-rods; and less moving parts means less chance of failure.

The compressor is highly efficient and effective. The Sawafuji Swing Motor does not need to perform a full stroke on start up unlike many rotary type compressors; meaning it doesn't have a high start up current draw. Low friction loss adds to its efficiency.

The Motor operates at 30 degree angles and on rough corrugated tracks without losing any efficiency, making it the most effective choice of motor for ENGEL.



Core Pole

Coil

Yoke

Permanent Magnet

Resonance Spring

Piston

Cylinder



ENGEL  
Fridge-Freezer

## LITTLE ENGEL

### ENGEL MD14F (14 litre)



Capacity	TEMP	DC
<b>14L</b>	+5°C -18°C	<b>12V</b>



The ENGEL MD14F (14 litre) is a totally portable yet very powerful 12V fridge/freezer for cars, trucks and boats. Carry chilled drinks and perishables wherever you go.



Capacity	14 LITRE (14x375ml cans)
Internal Dimensions (mm)	H213 W348 D190
External Dimensions (mm)	H398 W442 D284
Net Weight	11.5 KG
DC Power Consumption	Variable from 0.5 - 2.8 AMPS
Power	12V DC Only

Capacity	HOT TEMP	COOL TEMP	DC
<b>13L</b>	+55°C	-18°C	<b>12/24V</b>

### ENGEL MHD13F-DM (13 litre)



Ever wondered how useful it would be if there is such a fridge that shows the set temperature as well as the actual temperature inside? Now with voices from users fully reflected, the long-beloved 13-liter ENGEL has added a new face to its line.

Capacity	13 LITRE
Internal Dimensions (mm)	H190 W348 D190
External Dimensions (mm)	H372 W442 D284
Net Weight	11.5 KG
DC Power Consumption	Variable from 0.5 - 3.0 AMPS
Power	12/24V DC



Digital Temperature Controller

## ENGEL COMPACT

### ENGEL MT27F (21 litre)

Capacity	TEMP	DC	AC
<b>21L</b>	+8°C -16°C	<b>12/24V</b>	<b>230V</b>

### ENGEL MT17F (15 litre)

Capacity	TEMP	DC	AC
<b>15L</b>	+8°C -18°C	<b>12/24V</b>	<b>230V</b>



Capacity	15 LITRE (21x375ml cans)
Internal Dimensions (mm)	H230 W290 D200
External Dimensions (mm)	H364 W549 D307
Net Weight	16 KG
DC Power Consumption	Variable from 0.5 - 2.5 AMPS
Power	230V AC, 12/24V DC



Capacity	21 LITRE (29x375ml cans)
Internal Dimensions (mm)	H320 W290 D200
External Dimensions (mm)	H465 W549 D307
Net Weight	15 KG
DC Power Consumption	Variable from 0.5 - 2.5 AMPS
Power	230V AC, 12/24V DC

# ENGEL LEGENDS

## ENGEL MT35F (32 litre)



Capacity	TEMP	DC	AC
<b>32L</b>	+8°C -18°C	12/24V	230V

This mid sized model is perfect for family sedans, wagons and small 4WD vehicles. Now quieter with increased capacity, performance and efficiency and with its rugged steel casing this unit is ideal for two or three people.

Capacity	32 LITRE (44x375ml cans)
Internal Dimensions (mm)	H270 W380 D270
External Dimensions (mm)	H408 W648 D364
Net Weight	21 KG
DC Power Consumption	Variable from 0.5 - 2.5 AMPS
Power	230V AC, 12/24V DC



## ENGEL MT45F (42 litre)



Capacity	TEMP	DC	AC
<b>42L</b>	+8°C -18°C	12/24V	230V

The benchmark portable fridge-freezer that other manufacturers try to emulate. Their advertising always compares their product to the ENGEL 40litre. These comparisons are hollow! When any one of their products has been working in the field for 50 years or more then they can dare to compare! For simplicity, durability, longevity, economy of power consumption and outright strength of construction.

Capacity	42 LITRE (60x375ml cans)
Internal Dimensions (mm)	H370 W380 D270
External Dimensions (mm)	H508 W648 D364
Net Weight	24 KG
DC Power Consumption	Variable from 0.5 - 2.5 AMPS
Power	230V AC, 12/24V DC



**ENGEL MT45F-S**  
(Silver Type) (42 litre)



## ENGEL MR040F (38 litre Plastic casing)

Capacity	TEMP	DC	AC
<b>38L</b>	+8°C -18°C	12/24V	230V

MR040F is perfect for weekends away and general use for those who don't require the legendary strong steel ENGEL casing. MR040F is built with quality ENGEL components including the famous Sawafuji Swing motor to ensure ongoing reliability and the light-weight body means MR040F is even easier to carry with you as you go.

Features include protective rubber corners and a reversible lid for your convenience.

Capacity	38LITRE (50x375ml cans)
Internal Dimensions (mm)	H360 W386 D266
External Dimensions (mm)	H471 W636 D396
Net Weight	22 KG
DC Power Consumption	Variable from 0.5 - 2.75 AMPS
Power	230V AC, 12/24V DC



## ENGEL LARGE

### ENGEL MT60F (60 litre)

Despite this model's large capacity it is still light enough to carry. Great for group excursions, fishing trips and extended touring. Twin storage baskets offer very easy access. The ENGEL 60 litre is a must for all serious fishermen.

Capacity	60 LITRE (80x375ml cans)
Internal Dimensions (mm)	H310 W510 D390
External Dimensions (mm)	H441 W790 D490
Net Weight	33 KG
DC Power Consumption	Variable from 0.5-4.2 AMPS
Power	230V AC, 12/24V DC

Capacity	TEMP	DC	AC
<b>60L</b>	+7°C -18°C	12/24V	230V



### ENGEL MT60F-C COMBI (57 litre)

ENGEL, No.1 portable fridge/freezer, introduces the ENGEL Combi 60, the first REAL portable fridge/freezer with the convenience of separate fridge (32 litre) and freezer (25 litre) compartments. The thermostatically controlled fan provides cool air from the freezer section to maintain accurate refrigerator temperature.

Fridge Capacity	32 LITRE
Freezer Capacity	25 LITRE
External Dimensions (mm)	H441 W790 D490
Net Weight	33 KG
DC Power Consumption	Variable from 0.5-4.2 AMPS
Power	230V AC, 12/24V DC

Capacity	TEMP	DC	AC
Ref: <b>32L</b> Fre: <b>25L</b>	+7°C -18°C	12/24V	230V



### ENGEL MT80F (80 litre)



Capacity	TEMP	DC	AC
<b>80L</b>	+7°C -18°C	12/24V	230V

ENGEL's BIG fridge/freezer gives you 33% more internal space than the MT60F with only a 120mm increase in height and no increase in power consumption.

Capacity	80 LITRE (118x375ml cans)
Internal Dimensions (mm)	H405 W510 D390
External Dimensions (mm)	H561 W790 D490
Net Weight	39 KG
DC Power Consumption	Variable from 0.5 - 4.2 AMPS
Power	30V AC, 12/24V DC



### ENGEL MT80F-C COMBI (75 litre)

Following on from the overwhelming success of the MT60F - Combi, this model gives over 30% extra internal space with no power consumption increase.

Capacity	TEMP	DC	AC
Ref: <b>42L</b> Fre: <b>33L</b>	+7°C -18°C	12/24V	230V

Fridge Capacity	42 LITRE
Freezer Capacity	33 LITRE
External Dimensions (mm)	H561 W790 D490
Net Weight	40 KG
DC Power Consumption	Variable from 0.5 - 4.2 AMPS
Power	230V AC, 12/24V DC



## ENGEL BUILT-IN (for Camping & Boats)

Upright ENGEL refrigerators with the versatility to use in boats, caravans, four wheel drives, motorhomes, campervans, camper trailers, trucks and all types of mobile accommodation.

No more filling of gas bottles and having the inconvenience of running out of gas. These models also use the energy efficient Sawafuji Swing Motor.



Automatic temperature control make these a breeze to use. Features such as adjustable shelves and door pockets make these an ideal addition to any vehicle. Equipped with ice making compartment.

### SB47F

(40 litre built in, DC12/24V only)



Teak Panel



White Panel

Capacity	40 LITRE
Built-in Dimensions (mm)	H519 W386 D449
External Dimensions (mm)	H530 W423 D511
Net Weight	18 KG
DC Power Consumption	Variable from 0.5-2.5 AMPS
Power	12/24V DC

### SR70F

(57 litre built in)



Teak Panel



Capacity	57 LITRE
Built-in Dimensions (mm)	H520 W468 D524
External Dimensions (mm)	H530 W506 D586
Net Weight	20.2 KG
DC Power Consumption	Variable from 0.5-2.5 AMPS
Power	230V AC, 12/24V DC

## ENGEL FREE-STANDING

### ST90F

(80 litre free standing)



Large capacity, built-in or free-standing fridges that incorporate a separate freezing compartment. Cleverly designed to fit into confined spaces in caravans and boats.

\*Available Accessory: Built-in Frame Kit

Capacity	80 LITRE
External Dimensions (mm)	H781 W528 D570
Net Weight	28 KG
DC Power Consumption	Variable from 0.5-2.6 AMPS
Power	230V AC, 12/24V DC

### MB40V

(40 Litre Built In, DC12/24V only)



This new built in model was designed for mounting concealed under a bench of a motor home or possibly in the galley of a boat.

The compressor can be mounted hanging from the bottom of the cabinet or remotely mounted up to a metre away from the cabinet.

Features Simply dial control, and LED interior light. Comes Standard with a small hanging basket.



Capacity	40 LITRE
External Dimensions (mm)	H635 W500 D340
Net Weight	20 KG
DC Power Consumption	Variable from 0.5-3.0 AMPS
Power	DC12/24V

**SPECIFICATION**

Type			Chest Open									
Model			MD14F	MHD13F-DM	MT17F	MT27F	MR040F	MT35F	MT35F-S	MT45F	MT45F-S	
Storage volume			Liter	14	13	15	21	38	32	32	42	42
			Cu. Ft.	0.49	0.46	0.53	0.74	1.34	1.13	1.13	1.48	1.48
Color	Case or Flange		Light Gray	Light Gray	Light Gray	Light Gray	Light Gray	Light Gray	Light Gray	Silver	Light Gray	Silver
	Door or Lid		Dark Gray	Dark Gray	Dark Gray	Dark Gray	Dark Gray	Dark Gray	Dark Gray	Silver	Dark Gray	Silver
External Dimensions	Height	mm	398	372	364	465	471	408	408	508	508	
	Width	mm	442	442	549	549	636	648	648	648	648	
	Depth	mm	284	284	307	307	396	364	364	364	364	
Weight (Net)		Kg	11.5	11.5	16	15	22	21	21	24	24	
Rated Input Voltage	AC	V	---	---	230(200~250), 50/60Hz							
	DC	V	12	12/24	12/24							
Rated Power Consumption	AC230V	W	---	---	42	42	42	42	42	42	42	
Rated Amperage	DC12V	A	2.8	3.0	2.5	2.5	2.75	2.5	2.5	2.5	2.5	
	DC24V	A	---	1.5	1.2	1.2	1.4	1.3	1.25	1.3	1.25	
Rated Power Consumption	DC12V	AH	0.5-2.8	0.5-3.0	0.5-2.5	0.5-2.5	0.5-2.75	0.5-2.5	0.5-2.5	0.5-2.5	0.5-2.5	
Cooling (heating) Performance	Heater	°C	---	55°C <sup>*1</sup>	---	---	---	---	---	---	---	
	Refrigerator	°C	5°C	5°C <sup>*2</sup>	8°C							
	Freezer	°C	-18	-18°C <sup>*3</sup>	-18	-16	-18	-18	-18	-18	-18	
Features	Automatic AC/DC Interchangeable		---	---	•	•	•	•	•	•	•	
	Interchangeable Door Panel		---	---	---	---	---	---	---	---	---	
	Removable Door Pocket		---	---	---	---	---	---	---	---	---	
	Interchangeable Door Opening (Right or Left)		---	---	---	---	•	---	---	---	---	
	LED Thermometer Display		---	•	---	---	---	OP.	•	OP.	•	
	LED Interior Light		---	---	---	---	---	---	---	---	---	
	Digital Thermo Controller		---	•	---	---	---	---	---	---	---	
	Carrying Handle		Shouldering Belt		•	•	•	•	•	•	•	
	Basket		---	---	•	•	•	•	•	•	•	
Case Material		Plastic	Plastic	Plastic	Plastic	Plastic	Steel	Steel	Steel	Steel		

Type			Chest Open				Built-in			Free Standing		
Model			MT60F	MT60F-C	MT80F-S	MT80F-C-S	MB40V	SB47F	SB70F	SR70F	ST90F-B	
Storage volume			Liter	60	Ref:32 Fre:25	80	Ref:42 Fre:33	40	40	57	57	80 (Fre: 9)
			Cu. Ft.	2.12	Ref:1.13 Fre:0.88	2.83	Ref:1.48 Fre:1.17	1.41	1.41	2.01	2.01	2.83
Color	Case or Flange		Light Gray	Light Gray	Silver	Silver	---	Black	Black	Black	Black	
	Door or Lid		Dark Gray	Light Gray	Silver	Silver	---	Teak or White	Black	Teak or White	Black	
External Dimensions	Height	mm	441	441	561	561	635	530	530	530	781	
	Width	mm	790	790	790	790	500	423	506	506	528	
	Depth	mm	490	490	490	490	340	511	586	586	570	
Weight (Net)		Kg	33	33	39	40	20	18	20	20	28	
Rated Input Voltage	AC	V	230(200~250), 50/60Hz				---			230(200-250), 50/60Hz		
	DC	V	12/24				12/24			12/24		
Rated Power Consumption	AC230V	W	66	66	66	66	---			42	48	
Rated Amperage	DC12V	A	4.2	4.2	4.2	4.2	3	2.5	2.5	2.5	2.6	
	DC24V	A	2.1	2.1	2.1	2.1	1.5	1.3	1.3	1.3	1.3	
Rated Power Consumption	DC12V	AH	0.5-4.2	0.5-4.2	0.5-4.2	0.5-4.2	0.5-3.0	0.5-2.5	0.5-2.5	0.5-2.5	0.5-2.6	
Cooling Performance (by thermostat control)	Refrigerator	°C	7°C				5°C					
	Freezer	°C	-18	-18	-18	-18	-15	Less than 0°C (Ice Room)				
Features	Automatic AC/DC Interchangeable		•	•	•	•	---	---	---	•	•	
	Interchangeable Door Panel		---	---	---	---	---	•	•	•	•	
	Removable Door Pocket		---	---	---	---	---	•	•	•	•	
	Interchangeable Door Opening (Right or Left)		---	---	---	---	---	•	•	•	•	
	LED Thermometer Display		---	•	•	•	---	---	---	---	---	
	LED Interior Light		---	---	---	---	•	---	---	---	---	
	Digital Thermo Controller		---	---	---	---	---	---	---	---	---	
	Carrying Handle		•	•	•	•	---	---	---	---	---	
	Basket		•	•	•	•	•	---	---	---	---	
Case Material		Steel	Steel	Steel	Steel	---	---	---	---	---		

At ambient air temperature 30±2°C \*1...Setting at 55°C \*2...Setting at 5°C \*3...Setting at -18°C  
 Design and specifications are subject to change without notice.



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