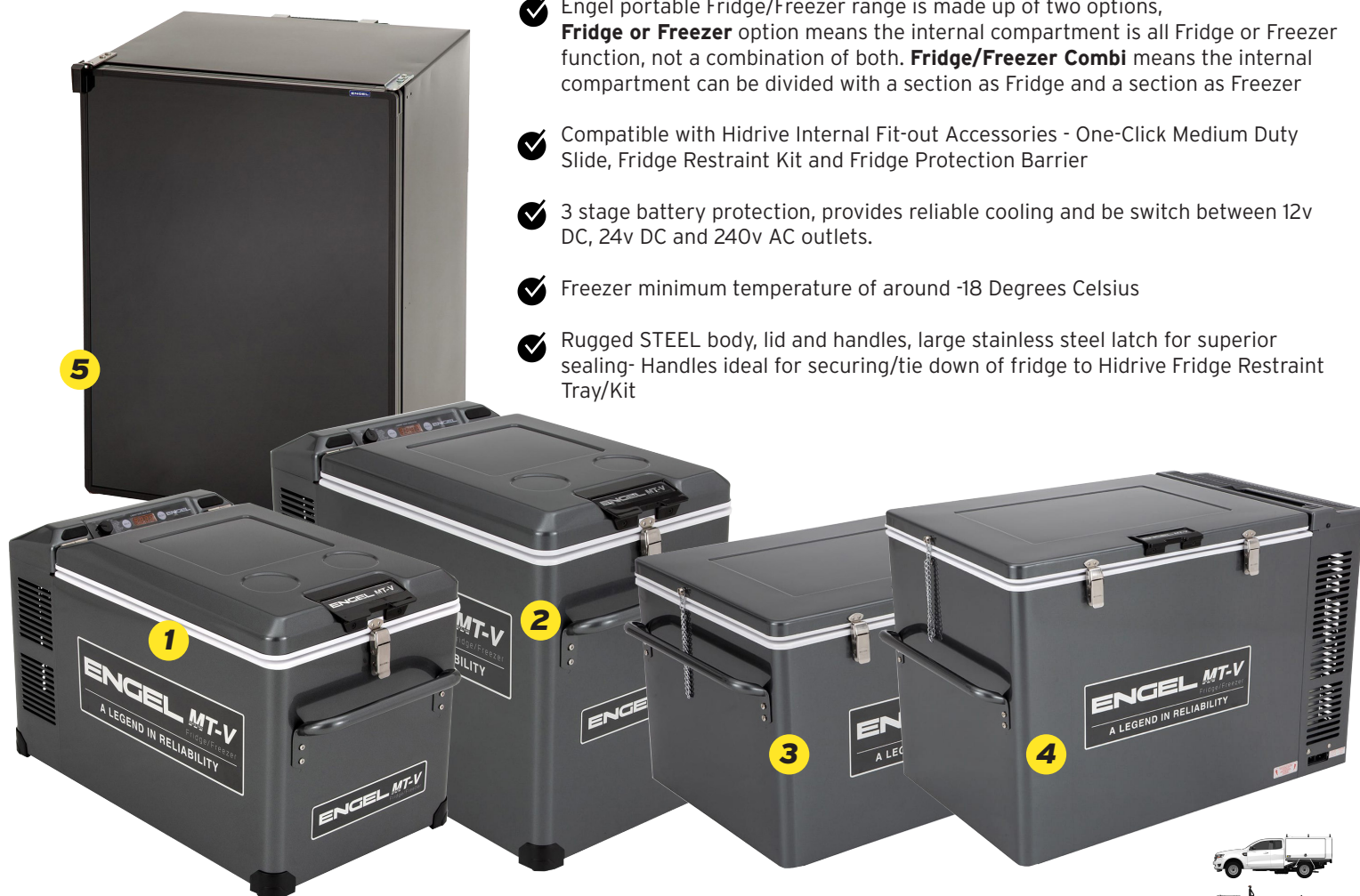


ENGEL FRIDGE/FREEZER

CATEGORY FRIDGES AND SLIDES



HIDRIVE FACT SHEET 15003



- ✓ Engel portable Fridge/Freezer range is made up of two options, **Fridge or Freezer** option means the internal compartment is all Fridge or Freezer function, not a combination of both. **Fridge/Freezer Combi** means the internal compartment can be divided with a section as Fridge and a section as Freezer
- ✓ Compatible with Hidrive Internal Fit-out Accessories - One-Click Medium Duty Slide, Fridge Restraint Kit and Fridge Protection Barrier
- ✓ 3 stage battery protection, provides reliable cooling and be switch between 12v DC, 24v DC and 240v AC outlets.
- ✓ Freezer minimum temperature of around -18 Degrees Celsius
- ✓ Rugged STEEL body, lid and handles, large stainless steel latch for superior sealing- Handles ideal for securing/tie down of fridge to Hidrive Fridge Restraint Tray/Kit

SPECIFICATIONS

SUPPLY PARTNER WARRANTY
ACCREDITED



ENGEL FRIDGE/FREEZER VARIANTS

CODE	TYPE	CAPACITY	FRIDGE DIMENSIONS (EXT - INT)			WEIGHT	DC POWER CONSUMPTION AMPS	COMPATIBLE ONE-CLICK MEDIUM DUTY SLIDE
			WIDTH	LENGTH	HEIGHT			
1 42020005	FRIDGE or FREEZER	32L 44 x 375ml Cans	360 mm	631 mm	408 mm	21 kg	0.5-2.6	460x640 42030025 690x520 42030028
42020006	FRIDGE or FREEZER	40L 60 x 375ml Cans	270 mm	380 mm	270 mm	24 kg		
2 42020007	FRIDGE/FREEZER COMBI	39L	360 mm	631 mm	508 mm	24 kg		
			Depends on Fridge Freezer Configuration					
42020008	FRIDGE or FREEZER	60L 80 x 375ml Cans	490 mm	790 mm	441 mm	33 kg	0.5-3.6	690x810 42030029 920x520 42030031
3 42020009	FRIDGE/FREEZER COMBI	57L	390 mm	510 mm	310 mm	33 kg		
			Depends on Fridge Freezer Configuration					
4 42020010	FRIDGE or FREEZER	80L 118 x 375ml Cans	490 mm	790 mm	561 mm	39 kg	0.5-4.2	
4 42020011	FRIDGE/FREEZER COMBI	75L	390 mm	510 mm	410 mm	39 kg		
			Depends on Fridge Freezer Configuration					
5 42020018	UPRIGHT FRIDGE or FREEZER	80L	579 mm	531 mm	786 mm	28 kg	0.35-2.5	N/A

POWERING YOUR FRIDGE

Hidrive highly recommends using a Dual Battery System to run your fridge, this ensures you are not at risk of your Fridge running your crank battery flat. For more information on Hidrive Dual Battery System offerings, check out the related Fact Sheet.

To calculate how long your battery system will be able to power the fridge at one given time without charging, you need to know the AMP HOURS (AH) of your dual battery system and the AMP DRAW or Power Consumption of the Fridge. The fridge AMP DRAW can be found in the Engel Fridge/Freezer Variants table above.

DUAL BATTERY AMP HOURS / FRIDGE AMP DRAW (DC Power Consumption) = Approx. RUN HOURS

i.e. **100AH Dual Battery / 2.6 Amp Draw** will mean your battery will run the fridge for **Approx. 38 hours** without charging or running your battery system flat.



This is however at max current draw, which in practice your fridge will not run at unless you leave the lid open. There are many factors that can impact the performance of your fridge such as:

1. The temperature your fridge is set at
2. The ambient temperature
3. How cold the Food/Drinks are when you put them into the Fridge
4. How many times you are opening the lid / How long the lid is open for
5. How full the fridge is

As a general rule a 100AH Dual Battery System and a 120W Solar Panel with good exposure, will mean that you can run your fridge indefinitely in mild climate. This is provided of course that there are no other loads wired to the Dual Battery.

All Engel Chest Fridge/Freezer come with a **DC Fridge Lead** so your Fridge can be easily plugged into a CIG Socket connected to your Dual Battery System. Although a standard CIG Socket will suffice, for a more secure connection you can upgrade to an Engel type socket which locks the plug in to ensure it doesn't come loose and your fridge is without power.



RELATED PRODUCTS

