

2017/2018



FREDDY PRODUCTS LTD  
PRODUCT BROCHURE



LOOKING AFTER YOUR  
COOLANT SINCE 1962

To view and download a digital edition of this brochure which features additional content, please visit our website.

**[www.freddy-products.co.uk](http://www.freddy-products.co.uk)**

**Stay in touch**

Email: [hello@freddy-products.co.uk](mailto:hello@freddy-products.co.uk)

Tel: 01386 561113

Twitter: @freddyproducts

All rights reserved.No part of this publication may be reproduced by any means without prior written consent from the company.

© 2017 Freddy Products Ltd

## Coolant Recycling Vacuums



**6**

**Micro**  
OFFERING  
VERSATILITY,  
MOBILITY AND  
AFFORDABILITY



**10**

**Superminor**  
THE COMPACT  
AND FLEXIBLE  
SOLUTION



**14**

**Midi**  
COMPACT DESIGN  
WITH A LARGE  
CAPACITY



**18**

**Ecovac**  
CONTINUOUS  
FILTRATION FOR  
MINIMUM DOWNTIME



**22**

**Mark V**  
OUR MOST POWERFUL,  
CUSTOMISABLE  
SOLUTION



**26**

**Mark V  
Battery Propelled**  
OUR LARGEST FREDDY,  
BATTERY PROPELLED

## Coolant Treatment Machines



**30**

**Tramp Oil Separator**  
REMOVING  
TRAMP OILS  
EFFECTIVELY AND  
ECONOMICALLY

## About Us

## Our Customers



## Micro

OFFERING VERSATILITY,  
MOBILITY AND  
AFFORDABILITY

As the name suggests, the new Micro is a compact coolant recycling system, designed and manufactured in the UK. Designed and built to the high standards and specifications that has made Freddy a trusted name, the Freddy Micro offers a new solution to your coolant recycling needs.



# Micro

OFFERING VERSATILITY, MOBILITY AND AFFORDABILITY

The Micro is the latest addition to the Freddy Coolant Recycling range. Recycling coolant decreases the amount of coolant needed, as rather than disposing of old coolant and replacing with new, you recycle it. This can double your coolant life, and saves machine downtime, offering significant cost benefits.



The Micro is the smallest Freddy with a 50 litre tank capacity and a 37 litre perforated steel filter basket. It comes with a 38mm or 51mm hose and a 200um filter bag as standard. With the ability to vacuum 238ltr per minute, and air flow of 3000 litre per minute, the Micro is a small but powerful addition to the range.

For more information, and to see the Micro in action, please visit our website: [www.freddy-products.co.uk](http://www.freddy-products.co.uk) and search for 'Micro'

- 2kw available in 110v, 240v
- Comes with 24 month warranty
- Range of disposable or reuseable filters from 1 to 1000um
- Service contract available
- Interchangeable tools

# Micro - specifications

## Physical dimensions

Tank capacity: 52 litres  
Physical dimensions: 670 x 430 x 980mm

## Electrical Specifications

Power unit	Voltage	Frequency	# of phases	Load	Peak	Fuse
	Vac	Hz		A	A	A
2kW/110v	110 - 120	50/60	1	16	64	20
2kW/230v	220 - 240	50/60	1	8	40	13

## Operational Parameters

Power unit	Weight		Air flow	Input water flow
	Empty	Full		
2kW/110v	58.3kg	109.3kg	3000 ltr/min	238 ltr/min
2kW/230v	58.3kg	109.3kg	3000 ltr/min	238 ltr/min

## Sound levels

Sound levels: 80dB





## Superminor

THE COMPACT AND FLEXIBLE SOLUTION

The Freddy Superminor is the only Freddy with interchangeable drums to prevent cross contamination and features a unique tilt and lift design so is effortless to empty.

Designed and built in the UK it offers a compact yet powerful solution to your coolant recycling needs.



# Superminor

THE COMPACT AND FLEXIBLE SOLUTION

Recycling coolant decreases the amount of coolant needed, as rather than disposing of old coolant and replacing with new, you recycle it. This can double your coolant life, and saves machine downtime, offering significant cost benefits.



The Superminor has a 100 litre tank capacity, with a 37 litre perforated steel filter basket. With a unique tilt and lift design it offers quick and easy emptying. It comes with a complete tool kit and a 200um filter bag as standard. With the ability to vacuum at 300 litres per minute and return at 140 litres per minute it offers a powerful solution with a minimum footprint.

For more information, and to see the Superminor in action, please visit our website: [www.freddy-products.co.uk](http://www.freddy-products.co.uk) and search for 'Superminor'

- Available in 110v, 240v or 415v
- 2kW, 3kW or 4kW options
- Comes with 24 month warranty
- Range of disposable or reuseable filters from 1 to 1000um
- 12 months service cover as standard
- Interchangeable tools

# Superminor - specifications

### Physical dimensions

Tank capacity: 100 litres  
Physical dimensions: 1350 x 690 x 1250mm

### Electrical Specifications

Power unit	Voltage	Frequency	# of phases	Load	Peak	Fuse
	Vac	Hz		A	A	A
2kW/110v	110 - 120	50/60	1	16	64	20
2kW/230v	220 - 240	50/60	1	8	40	13
3kW/110v	110 - 120	50/60	1	22	88	32
3kW/230v	230 - 240	50/60	1	12	60	13
3kW/415v	380 - 415	50/60	1	9	90	20

### Operational Parameters

Power unit	Weight		Air flow	water flow	
	Empty	Full		Input	output
2kW/110v	100kg	200kg	2800 ltr/min	240 ltr/min	100 ltr/min
2kW/230v	100kg	200kg	2800 ltr/min	240 ltr/min	100 ltr/min
3kW/110v	110kg	210kg	2900 ltr/min	300 ltr/min	140 ltr/min
3kW/230v	110kg	210kg	2900 ltr/min	300 ltr/min	140 ltr/min
3kW/415v	110kg	210kg	2900 ltr/min	300 ltr/min	140 ltr/min

### Sound levels

Sound levels: 85dB





## Midi

COMPACT DESIGN WITH A  
LARGE CAPACITY

The Freddy Midi has the smallest width in the range, measuring just 620mm. Ideal to fit between the narrowest of aisles, where space is at a premium but a larger tank is required. Designed and built in the UK it offers a compact yet powerful solution to your coolant recycling needs.



# Midi

## THE COMPACT AND FLEXIBLE SOLUTION

Recycling coolant decreases the amount of coolant needed, as rather than disposing of old coolant and replacing with new, you recycle it. This can double your coolant life, and saves machine downtime, offering significant cost benefits.



The Midi is available with either a 200 or 300 litre tank capacity, with a 37 litre perforated steel filter basket. It comes with a complete tool kit and a 200um filter bag as standard. With the ability to vacuum at 290 litres per minute and return at 130 litres per minute it offers a powerful solution to fit into narrow spaces.

For more information, and to see the Midi in action, please visit our website: [www.freddy-products.co.uk](http://www.freddy-products.co.uk) and search for 'Midi'

- Available in 110v or 240v
- 2kW or 3kW options
- Comes with 24 month warranty
- Range of disposable or reuseable filters from 1 to 1000um
- 12 months service cover as standard
- Interchangeable tools

# Midi - specifications

## Physical dimensions

Tank capacity: 200 litres | 300 litres  
Physical dimensions: 1260 x 620 x 1350mm | 1455 x 730 x 1350mm

## Electrical Specifications

Power unit	Voltage	Frequency	# of phases	Load	Peak	Fuse
	Vac	Hz		A	A	A
2kW/110v	110 - 120	50/60	1	16	64	20
2kW/230v	220 - 240	50/60	1	8	40	13
3kW/110v	110 - 120	50/60	1	22	88	32
3kW/230v	230 - 240	50/60	1	12	60	13

## Operational Parameters

Power unit	Weight		Air flow	water flow	
	Empty	Full		Input	output
2kW/110v (200ltr)	115kg	315kg	2100 ltr/min	260 ltr/min	120 ltr/min
2kW/230v (200ltr)	115kg	315kg	2200 ltr/min	270 ltr/min	130 ltr/min
2kW/110v (300ltr)	130kg	430kg	2100 ltr/min	260 ltr/min	120 ltr/min
2kW/230v (300ltr)	130kg	430kg	2100 ltr/min	270 ltr/min	130 ltr/min
3kW/230v (300ltr)	145kg	445kg	3000 ltr/min	290 ltr/min	130 ltr/min

## Sound levels

Sound levels: 85dB







## **Ecovac**

CONTINUOUS FILTRATION  
FOR MINIMUM DOWNTIME

The Freddy Ecovac is unique in the Freddy coolant recycling vacuum family as it is the only Freddy to vacuum out and recycle the coolant continuously, using an independent pump for return.

The Freddy Ecovac is designed to vacuum out coolant from machine tool sumps, machine beds, drip trays, conveyors and even the shop floor with the dedicated floor tool and recycle it for re-use.

Ecovac

CONTINUOUS FILTRATION FOR MINIMUM DOWNTIME

Recycling coolant decreases the amount of coolant needed, as rather than disposing of old coolant and replacing with new, you recycle it. This can double your coolant life, and saves machine downtime, offering significant cost benefits.



The Ecovac is available in either a 200 or 300 litre tank capacity with a 37 litre perforated steel filter basket. It comes with a complete tool kit and a 200um filter bag as standard. With the ability to vacuum at 300 litres per minute and return at 80 litres per minute the Ecovac ensures minimum downtime.

For more information, and to see the Ecovac in action, please visit our website: [www.freddy-products.co.uk](http://www.freddy-products.co.uk) and search for 'Ecovac'

- Available in 110v, 240v or 415v
- 2kW, 3kW or 4kW options
- Comes with 24 month warranty
- Range of disposable or reuseable filters from 1 to 1000um
- 12 months service cover as standard
- Interchangable tools

Ecovac- specifications

Physical dimensions

Tank capacity: 200 litres | 300 litres  
Physical dimensions: 1210 X 697 X 1350mm | 1405 X 730 X 1350mm

Electrical Specifications

Power unit	Voltage	Frequency	# of phases	Load	Peak	Fuse
	Vac	Hz		A	A	A
2kW/110v	110 - 120	50/60	1	16	64	20
2kW/230v	220 - 240	50/60	1	8	40	13
3kW/110v	110 - 120	50/60	1	22	88	32
3kW/230v	230 - 240	50/60	1	12	60	13
4kW/415v	380 - 415	50/60	3	9	90	20*

\*MCB C-type

Operational Parameters

Power unit	Weight		Air flow	water flow	
	Empty	Full		Input	output
2kW/110v (200ltr)	115kg	315kg	2100 ltr/min	260 ltr/min	75 ltr/min
2kW/230v (200ltr)	115kg	315kg	2200 ltr/min	270 ltr/min	80 ltr/min
3kW/110v (200ltr)	130kg	330kg	2800 ltr/min	280 ltr/min	75 ltr/min
3kW/230v (200ltr)	130kg	330kg	3000 ltr/min	290 ltr/min	90 ltr/min
2kW/110v (300ltr)	135kg	435kg	2100 ltr/min	260 ltr/min	75 ltr/min
2kW/230v (300ltr)	135kg	435kg	2100 ltr/min	270 ltr/min	80 ltr/min
3kW/110v (300ltr)	150kg	450kg	2800 ltr/min	280 ltr/min	75 ltr/min
3kW/230v (300ltr)	150kg	445kg	3000 ltr/min	290 ltr/min	130 ltr/min
4kW/415v (300ltr)	185kg	485kg	4000 ltr/min	300 ltr/min	80 ltr/min

Sound levels

Sound levels: 85dB







## Mark V

OUR MOST POWERFUL,  
CUSTOMISABLE SOLUTION

The Freddy Mark V is the largest coolant recycling vacuum in the Freddy range. Designed and manufactured in the UK, the Mark V has been relied upon in factories around the world since the 1960's.

Robust, customisable, powerful and proven, the Freddy Mark V offers a complete solution to your coolant recycling needs.

# Mark V

OUR MOST POWERFUL, CUSTOMISABLE SOLUTION

Recycling coolant decreases the amount of coolant needed, as rather than disposing of old coolant and replacing with new, you recycle it. This can double your coolant life, and saves machine downtime, offering significant cost benefits.



The Mark V is our largest manually manouvered Freddy. Available in 310 or 500 litre models, it has a tilting filter tank, enabling quick and easy emptying of the 60 litre basket. It comes with a complete tool kit and a 200um filter bag as standard. With the ability to vacuum at 270 litres per minute and return at 130 litres per minute the Mark V can empty, filter and return coolant to a machine tool sump in minutes.

For more information, and to see the Mark V in action, please visit our website: [www.freddy-products.co.uk](http://www.freddy-products.co.uk) and search for 'Mark V'

- Available in 110v, 240v or 415v
- 2kW, 3kW or 4kW options
- Comes with 24 month warranty
- Range of disposable or reuseable filters from 1 to 1000um
- 12 months service cover as standard
- Interchangeable tools

# Mark V - specifications

### Physical dimensions

Tank capacity: 310 litres | 500 litres  
Physical dimensions: 1955 X 840 X 1530mm

### Electrical Specifications

Power unit	Voltage	Frequency	# of phases	Load	Peak	Fuse
	Vac	Hz		A	A	A
2kW/110v	110 - 120	50/60	1	16	64	20
2kW/230v	220 - 240	50/60	1	8	40	13
3kW/110v	110 - 120	50/60	1	22	88	32
3kW/230v	230 - 240	50/60	1	12	60	13
4kW/415v	380 - 415	50/60	3	9	90	20*
5.5kW/415v (500ltr only)	380 - 415	50/60	3	13.3	66.5	20*
7.5kW/415v (500ltr only)	380 - 415	50/60	3	16.7	83.5	20*

\*MCB C-type

### Operational Parameters

Power unit	Weight		Air flow	water flow	
	Empty	Full		Input	output
2kW/110v (310ltr)	200kg	510kg	2100 ltr/min	250 ltr/min	120 ltr/min
2kW/230v (310ltr)	200kg	510kg	2200 ltr/min	270 ltr/min	130 ltr/min
3kW/110v (310ltr)	210kg	520kg	2800 ltr/min	260 ltr/min	120 ltr/min
3kW/230v (310ltr)	210kg	520kg	3000 ltr/min	270 ltr/min	130 ltr/min
4kW/415v (310ltr)	260kg	570kg	3800 ltr/min	250 ltr/min	120 ltr/min
2kW/110v (500ltr)	240kg	550kg	2100 ltr/min	250 ltr/min	120 ltr/min
2kW/230v (500ltr)	240kg	550kg	2200 ltr/min	270 ltr/min	130 ltr/min
3kW/110v (500ltr)	250kg	560kg	2800 ltr/min	260 ltr/min	120 ltr/min
3kW/230v (500ltr)	250kg	560kg	3000 ltr/min	270 ltr/min	130 ltr/min
4kW/415v (500ltr)	300kg	610kg	3800 ltr/min	250 ltr/min	120 ltr/min
5.5kW/415v (500ltr)	376kg	686kg	5100 ltr/min	300 ltr/min	250 ltr/min
7.5kW/415v (500ltr)	427kg	737kg	5100 ltr/min	330 ltr/min	344 ltr/min

### Sound levels

Sound levels: 85dB







## **Mark V**

**Battery propelled**  
OUR LARGEST FREDDY,  
BATTERY PROPELLED

The Freddy Mark V battery propelled vacuum is the largest coolant recycling vacuum in the Freddy range. Because it is on a battery propelled chassis, you are able to have a significantly larger tank while maintaining the ability to manoeuvre it with ease. No matter the sump size the battery propelled Mark V is able to offer you a solution.



# Mark V - Battery propelled

OUR LARGEST FREDDY, BATTERY PROPELLED

Recycling coolant decreases the amount of coolant needed, as rather than disposing of old coolant and replacing with new, you recycle it. This can double your coolant life, and saves machine downtime, offering significant cost benefits.



The Mark V battery propelled is our largest Freddy. With models available from 500 to 1000 litres and beyond, it has a tilting filter tank, enabling quick and easy emptying of the 60 litre basket. The chassis allows easy manouverability throughout the factory, and we are able to offer a battery operated version, so it is truely wireless allowing it to be transported wherever required.

For more information, and to see the Mark V battery propelled in action, please visit our website: [www.freddy-products.co.uk](http://www.freddy-products.co.uk) and search for 'Mark V battery propelled'.

- Available in 110v, 240v, 415v or battery operated
- 2kW, 3kW, 4kW, 5kw, 7.5kW or battery operated options
- Comes with 24 month warranty
- Range of disposable or reuseable filters from 1 to 1000um
- 12 months service cover as standard
- Interchangable tools

# Mark V - specifications

## Physical dimensions

Tank capacity: 500 litres | 1000 litres  
Physical dimensions: 2770 x 775 x 1605mm<sup>1</sup> | 2770 x 1000 x 1605mm<sup>1</sup>

## Electrical Specifications

Power unit	Voltage	Frequency	# of phases	Load	Peak	Fuse
	Vac	Hz		A	A	A
3kW/110v	110 - 120	50/60	1	16	64	32
3kW/230v	230 - 240	50/60	1	8	40	13
4kW/415v	380 - 415	50/60	3	9	90	20*
5.5kW/415	380 - 415	50/60	3	13.3	66.5	20*
7.5kW/415	380 - 415	60/60	3	16.7	83.5	30*
battery operated	48v DC	-	-	42	-	-

\*MCB C-type

## Operational Parameters

Power unit	Weight		Air flow	water flow	
	Empty	Full		Input	output
3kW/110v (500ltr)	755kg	1255kg	2900 ltr/min	270 ltr/min	130 ltr/min
3kW/230v (500ltr)	755kg	1255kg	2900 ltr/min	270 ltr/min	130 ltr/min
4kW/415v (500ltr)	795kg	1295kg	3800 ltr/min	250 ltr/min	120 ltr/min
5.5kW/415v (500ltr)	871kg	1371kg	5100 ltr/min	300 ltr/min	250 ltr/min
7.5kW/415v (500ltr)	922kg	1422kg	5100 ltr/min	330 ltr/min	324 ltr/min
Battery operated (500ltr)	900kg	1400kg	3000 ltr/min	170 ltr/min	125 ltr/min
3kW/110v (1000ltr)	830kg	1830kg	2900 ltr/min	270 ltr/min	130 ltr/min
3kW/230v (1000ltr)	830kg	1830kg	2900 ltr/min	270 ltr/min	130 ltr/min
4kW/415v (1000ltr)	870kg	1870kg	3800 ltr/min	250 ltr/min	120 ltr/min
5.5kW/415v (1000ltr)	946kg	1946kg	5100 ltr/min	300 ltr/min	250 ltr/min
7.5kW/415v (1000ltr)	997kg	1997kg	5100 ltr/min	330 ltr/min	324 ltr/min
Battery operated (1000ltr)	975kg	1975kg	3000 ltr/min	170 ltr/min	125 ltr/min

## Sound levels

Sound levels: 85dB



<sup>1</sup>battery operated models are 2950mm in length | 500ltr 7.5kW model 1800mm in height, 1000ltr 7.5kW model 2000mm in height



# Tramp Oil Separator

REMOVING TRAMP OILS  
EFFECTIVELY AND  
ECONOMICALLY

The Freddy Tramp Oil Separator extends the production life of oil based, semi-synthetic and synthetic coolants, industrial wash waters and rinse waters. By removing free-floating, dispersed and loosely emulsified tramp oils off-line.



# Tramp Oil Separator

REMOVING TRAMP OILS EFFECTIVELY AND ECONOMICALLY

Recycling coolant decreases the amount of coolant needed, as rather than disposing of old coolant and replacing with new, you recycle it. This can double your coolant life, and saves machine downtime, offering significant cost benefits.



The Tramp Oil Separator is able to effectively separate tramp oils, and is especially suited to the regeneration of water-mixed coolants. Compact and mobile, it is easy to manouver and is ideal for use on individually filled machine tools and machining centres, with a capacity of 70 litres.

For more information, and to see the Tramp Oil Separator in action, please visit our website: [www.freddy-products.co.uk](http://www.freddy-products.co.uk) and search for 'Tramp Oil Separator'

- Available in 110v, 240v or air operated
- Comes with 12 month warranty
- Optional UV filter
- Service contract available

# Tramp Oil Separator - specifications

### Physical dimensions

Tank capacity: 70 litres  
Physical dimensions: 800 x 516 x 1185mm

### Electrical Specifications

Power unit	Voltage	Frequency	# of phases	Load	Peak	Fuse
	Vac	Hz		A	A	A
110v	110 - 120	50/60	1	3	12	5
230v	220 - 240	50/60	1	1.5	6	3
Air Operated	-	-	-	-	-	-
Air Operated 110v UV filter	110 - 120	50/60	1	3	12	5
Air Operated 230v UV filter	220 - 240	50/60	1	1.5	6	3

### Operational Parameters

Power unit	Weight		Air flow	water flow	
	Empty	Full		Input	output
110v	73kg	143kg	n/a	4.9 ltr/min	2 ltr/min
230v	73kg	143kg	n/a	4.9 ltr/min	2 ltr/min
Air Operated 110v UV filter	71kg	141kg	33.9 ltr/min	2 - 5 ltr/min	2 ltr/min
Air Operated 230v UV filter	75kg	145kg	33.9 ltr/min	2 - 5 ltr/min	2 ltr/min
Air Operated	75kg	145kg	33.9 ltr.min	2 - 5 ltr/min	2 ltr/min

### Sound levels

Sound levels: 85dB





# About Us

**WE HAVE BEEN RECYCLING COOLANT SINCE 1962. A FAMILY OWNED BUSINESS BASED IN PERSHORE, WORCESTERSHIRE, WE BELIEVE OUR PRODUCTS OFFER A LEVEL OF QUALITY AND LONGEVITY SECOND TO NONE. WITH DISTRIBUTORS WORLDWIDE, AND AN EVER GROWING BASE OF LOYAL CUSTOMERS, WE ARE THE NAME TO TRUST.**

Freddy was established in 1962, supplying the UK and USA with the renowned Mark I filtration machines, originally complementing the de la Pena Oil brand. Since then we have

including metal fabrication and design .Not only do we design and manufacture our products, but we also have a highly skilled service team who are able to look after your machine for as

Want to part exchange your old Freddy against a new one? No problem, with just a few details we are able to offer you a valuation for your old machine, which can be used against your



designed and manufactured the Freddy family of industrial vacuums and coolant filtration machines, from the New Micro, to the robust "great filtrator" Mark v, all designed to remove, filter and return coolant for longer life, and improved machining results.

Now based at our purpose built factory, we are able to offer quicker lead times on our standard range of machines, and offer new services,

long as it is in use, as well as looking any other machinery you have on site.

We also offer both a refurbishment, and part exchange facility. If you have had a Freddy for a number of years, we can do a full renovation and bring it back to an as new condition. Visit our website and check out some of our case studies to see some completed projects.

new Freddy, we also offer some great finance options, see our website for further details.

If you want to talk through what we can offer, call our dedicated customer service team on 01386 561113 or email [sales@freddy-products.co.uk](mailto:sales@freddy-products.co.uk).

# Our customers

**OUR FREDDY VACUUMS TRAVEL FAR AND WIDE, BELOW ARE SOME OF OUR CUSTOMERS, TAKE A LOOK ONLINE FOR MORE DETAILS AND CASE STUDIES.**

.....  
 "Thank you for the recent supply of our new Freddy machines .....delivered on time, and the communication has also been first class. Please feel free to ask for recommendation."  
 John Tinker - Cummins Turbo technologies  
 .....



## Some of our customers....





Freddy Products Ltd  
Celsius House  
Aintree Road  
Persnore  
WR10 2JN

Email: [sales@freddy-products.co.uk](mailto:sales@freddy-products.co.uk) Twitter: @freddyproducts  
telephone: 01386 561113

[WWW.FREDDY-PRODUCTS.CO.UK](http://WWW.FREDDY-PRODUCTS.CO.UK)