ASPEN® PUMPS

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Mini Orange & Maxi Orange

The Mini Orange and Maxi Orange condensate pumps allow great installation flexibility. Perfect for fitting quickly and easily above the false ceiling.

Features

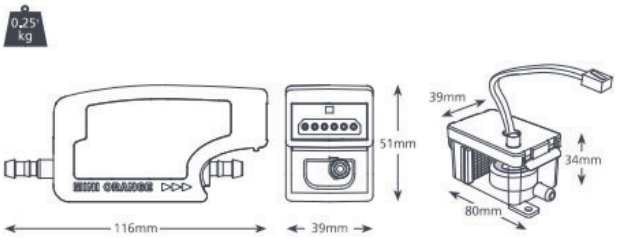
- Submersible secondary reservoir included
- Plug & play
- Anti siphon device

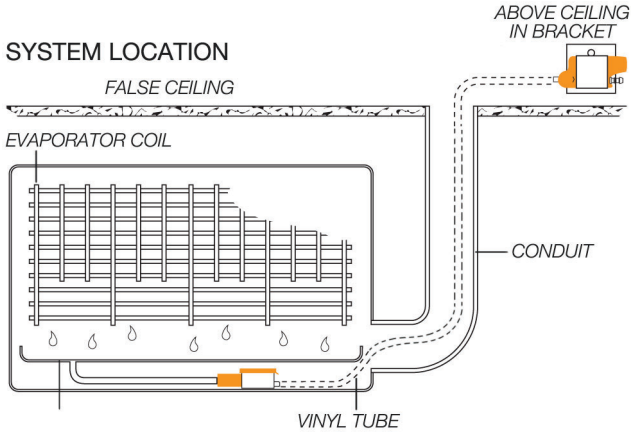
Suitability

- Up to 16kW / 54,000Btu/h
- High wall mini split systems; ducted units; floor standing & chassis units

Perfect For

- Smaller commercial & domestic units





Mini: Maximum Head 10m | Maximum Suction Lift 1.5m
Maxi: Maximum Head 15m | Maximum Suction Lift 1.5m

Meters Head	0	1	2	4	6	8	10
mini L/h	12	11	10	9	8	7	6
maxi L/h	35	32	28	24	21	19	17

MFW Part Number	Flow Rate L/h @ Zero Head	Max Head (m)	Sound Level @ 1m dB(A)	Power Supply	Alarm
ORANGE	14	10	21	240V AC 16W	3A volt-free alarm wires, N.O./N.C. contacts rated @5A
ORANGEM	37	20	35	240V AC 18W	

MFW TRADE WAREHOUSE

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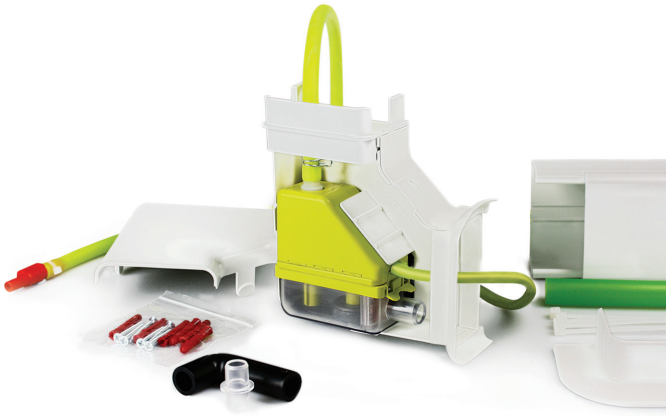
Silent+ Mini Lime & Maxi Lime

The Mini Lime and Maxi Lime pumps have unique design and installation advantages. The pumps are clipped directly onto the reservoir so there is minimal suction lift. They are completely reversible and also benefit from easy access for servicing.

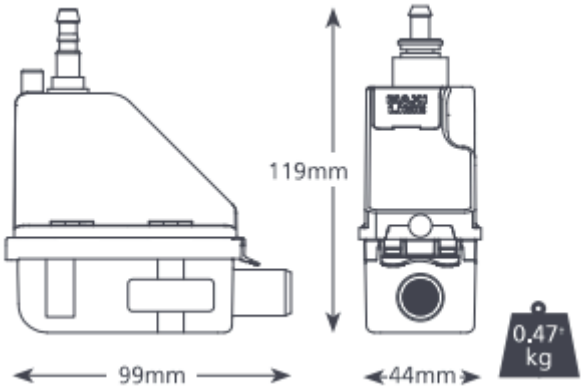


Features

- Sits in trunking elbow
- Left or right install
- Range of trunking systems
- Easy access for servicing

Suitability

- Up to 46kW / 157,000Btu/h
- Large commercial AC units; high wall split systems



Mini: Maximum Head 10m
Maxi: Maximum Head 15m

Meters Head	0	1	2	4	6	8	10
mini L/h	12	11	10	9	8	7	6
maxi L/h	35	32	28	24	21	19	17

MFW Part Number	Flow Rate L/h @ Zero Head	Max Head (m)	Sound Level @ 1m dB(A)	Power Supply	Alarm
LIME	12	10	21	240V AC 16W	3A volt-free alarm wires, N.O./N.C. contacts rated @5A
LIMEM	35	15	35	240V AC 18W	

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Mini Blanc

The Mini Blanc is the latest edition to our mini pump range, and has a discreet modern appearance. It can be mounted directly below the internal unit very easily.

Features & Benefits

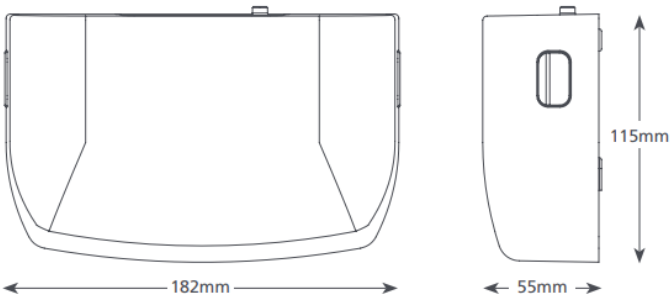
- Extra quick to fit
- Compact & discreet
- Clear removable reservoir
- Ultra quiet operation

Suitability

- Up to 16kW / 54,000Btu/h
- High wall mini split systems

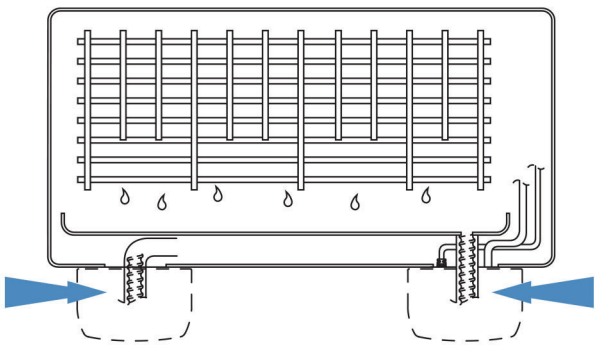
Perfect For

- Domestic use – where easy maintenance is key



System Location

Can be placed at any point along the bottom edge of the evaporator where the drain hose can exit



Maximum Head 10m

Meters Head	0	1	2	4	6	8	10
L/h	12	11	10	9	8	6	4

MFW Part Number	Flow Rate L/h @ Zero Head	Max Head (m)	Sound Level @ 1m dB(A)	Power Supply	Alarm
BLANC	12	10	21	240V AC 16W	3A volt-free alarm wires, N.O./N.C. contacts rated @5A

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Mini Aqua

The ultra slim Mini Aqua has been designed to fit in the smallest of spaces, giving installers the flexibility needed with the latest generation of air-conditioning units becoming even smaller.

Features & Benefits

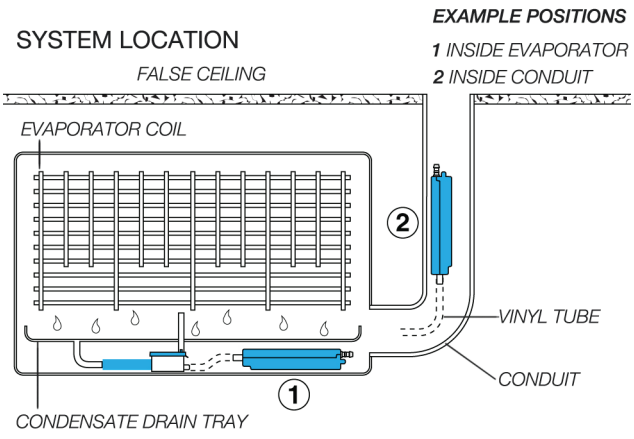
- Ultra slim
- High performance
- Plug & play
- Anti siphon device

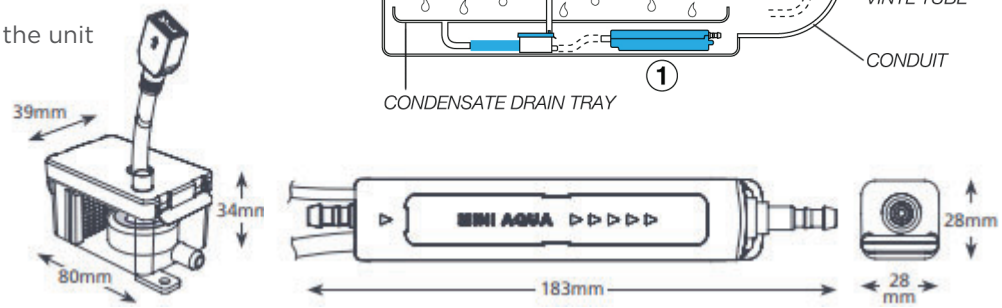
Suitability

- Up to 16kW / 54,000Btu/h
- High wall mini split systems; ducted units; floor standing & chassis units

Perfect For

- Installing directly inside the unit





Maximum Head 10m | Maximum Suction Lift 1.5m

Meters Head	0	1	2	4	6	8	10
L/h	12	11	10	9	8	7	6

MFW Part Number	Flow Rate L/h @ Zero Head	Max Head (m)	Sound Level @ 1m dB(A)	Power Supply	Alarm
AQUA	14	8	21	240V AC 16W	3A volt-free alarm wires, N.O./N.C. contacts rated @5A

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Tank Pumps - Mini Tank

The new and improved Mini Tank pump can be wall mounted, floor mounted, in-pan or suspended on M8 / M10 rod. Using piston technology this is a compact, powerful and multi functional tank pump.

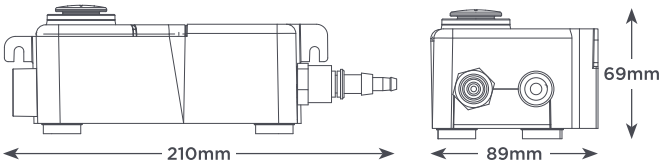
Features & Benefits

- Four ways to install
- Compact & discreet
- Can be located in drain pan
- Easy maintenance

0.57 kg

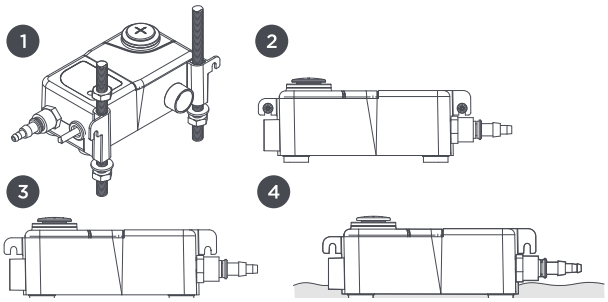
Suitability

- Up to 46kW/ 170,000 Btu/h
- Ducted units; floor standing & chassis units; cassette units



Perfect For

- Installation versatility



1. Rod Mounted
2. Wall Mounted
3. Floor Mounted
4. Placed in drip tray

Maximum Head 15m

Meters Head	0	1	2	4	6	8	10	12	15	-
L/h	35	28	25	22	22	19	17	15	10	-

MFW Part Number	Flow Rate L/h @ Zero Head	Maximum Head (m)	Sound Level @ 1m dB(A)	Power Supply	Alarm
FP1056	35	15	35	230V AC 50-60Hz 0.1A	3.0A Normally Closed

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ASPEN® PUMPS

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Tank Pumps - MAX Hi-Flow

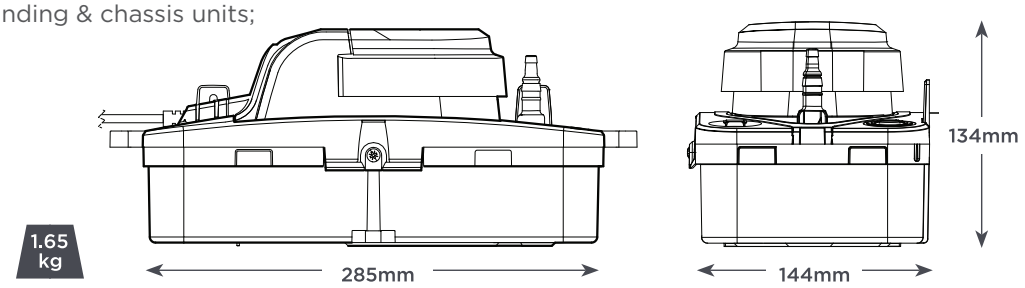
The best in class Max Hi-Flow tank pump carries on the Aspen Pumps tradition of build quality & high performance. With the lowest dB(A) rating & best IP rating (IP24 splash proof) of any tank pump, the Max Hi-Flow is the quietest & safest pump in its class.

Features & Benefits

- IP24 – Splash Proof
- Easy access tank
- Built in spirit level
- Plug & Play

Suitability

- Up to 733kW/2.5mBtu/h
- Ducted units; floor standing & chassis units; cassette units



Maximum Head 5m

Meters Head	0	1	2	3	4	5	6	-	-	-
10mm Flow										
L/h	550	500	400	300	200	100	0	-	-	-
6mm Flow										
L/h	300	225	160	100	60	35	0	-	-	-

MFW Part Number	Flow Rate L/h @ Zero Head	Maximum Head (m)	Sound Level @ 1m dB(A)	Power Supply	Alarm
FP3349	10mm - 550 6mm - 300	5	44	230VAC 0.8A 50hZ	3A Normally Closed

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ASPEN® PUMPS

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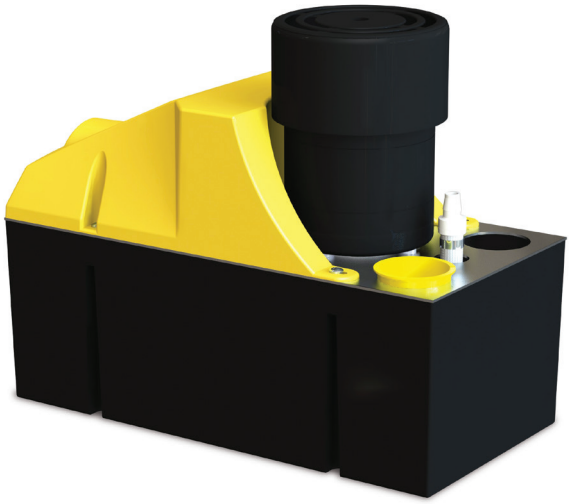
Tank Pumps - Heavy Duty 6m/10m

With an impressive flow rate, these robust and reliable Heavy Duty pumps are perfect for the rapid removal of large quantities of condensate water.

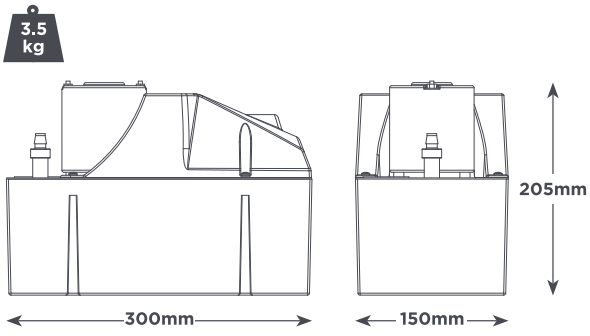


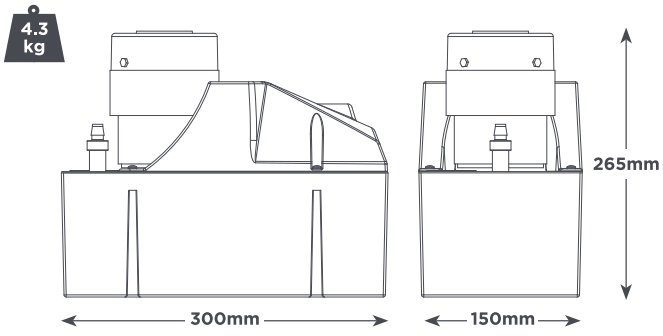
Features & Benefits

- High flow rate
- Non return valve
- East installation
- 4 litre tank capacity

Suitability

- 6m: up to 1200kW / 4m Btu/h
- 10m: up to 1660kW / 5.5m Btu/h
- Refrigeration cabinets; humidifiers; air handling units (AHUs)





6m: Maximum Head 6m | 10m: Maximum Head 10M

Meters Head	0	1	2	3	4	5	6	8	10
6m L/h	900	850	800	700	600	500	400	-	-
10m L/h	1250	1200	1100	1000	900	800	600	400	200

MFW Part Number	Flow Rate L/h @ Zero Head	Max Head (m)	Tank Capacity (L)	Power Supply	Alarm
FP20742	900	6.0	4	230V 1.5A	Safety Switch 4.0A (Max) N.C.
FP20662	1250	10.0	4	230V 0.38A	

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ASPEN® PUMPS

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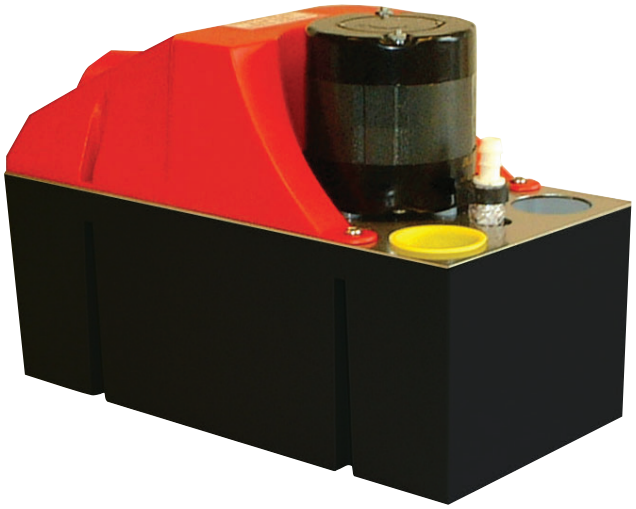
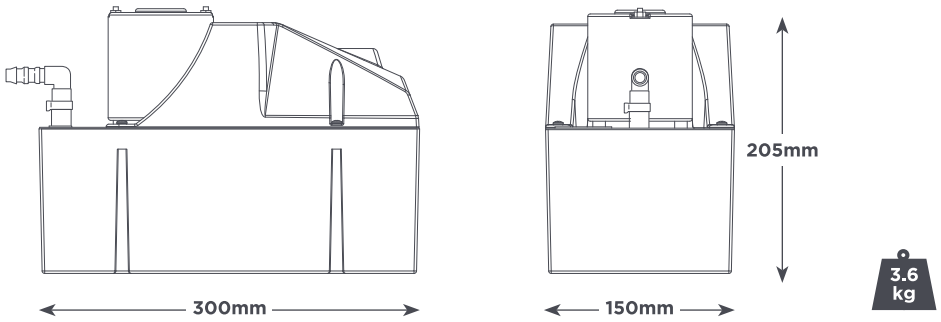
Tank Pumps - Hot Water Economy

Built of heat resistant cycoloy™, this economy pump is designed to handle high water temperatures. It suits humidifiers, boilers, refrigeration and air handling units up to 1200kW.



Features & Benefits

- 240V 50Hz
- High performance
- Non return valve
- 2 inlets
- Max water temperature: 80°C
- Outlet size: 10 mm
- Thermally protected



Maximum Head 6m

Meters Head	0	1	2	3	4	5	6	-	-	-
L/h	900	850	800	700	600	500	400	-	-	-

MFW Part Number	Flow Rate L/h @ Zero Head	Max Head (m)	Tank Capacity (L)	Power Supply	Alarm
FP2092	900	6.0	4.0	230V 1.5A	Safety Switch 4.0A (Max) N.C.

ASPEN® PUMPS

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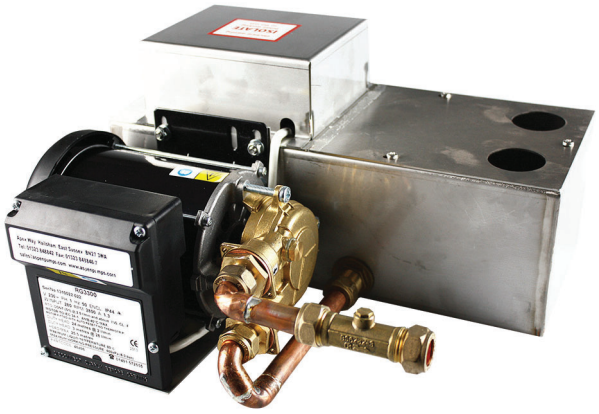
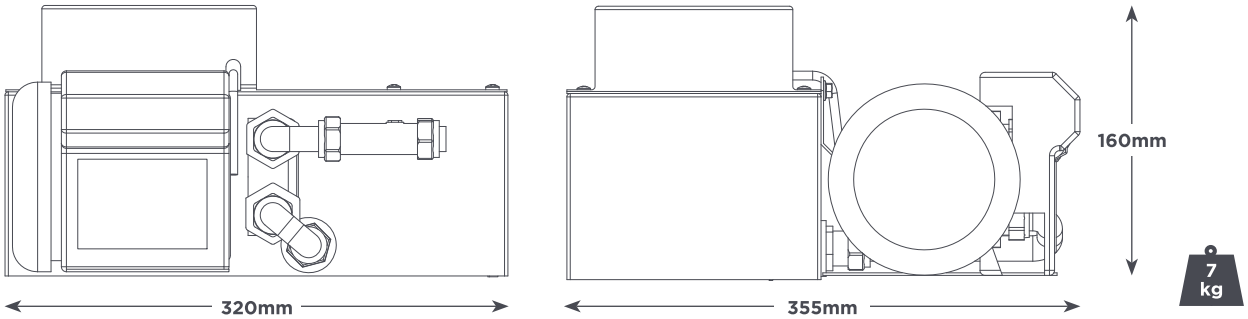
Tank Pumps - Hot Water HD

Designed to handle 80°C water and with an outstanding 1800L/h water flow rate – no job is too big! The ultimate Hot Water Heavy Duty pump. It suits humidifiers, boilers, refrigeration and air handling units up to 2400kW.



Features & Benefits

- 240V 50Hz
- Easy installation
- High flow rate
- Non return valve
- 2 inlets
- Max water temp: 80°C
- Outlet size: 15 mm
- Thermally protected



Maximum Head 15m

Meters Head	0	1	2	3	4	5	6	8	10	12
L/h	1800	1750	1720	1700	1650	1600	1400	900	700	400

MFW Part Number	Flow Rate L/h @ Zero Head	Max Head (m)	Sound Level @ 1m dB(A)	Power Supply	Alarm
FP2132	1800	15.0	5.0	230V 1.5A	Safety Switch 4.0A (Max) N.C.

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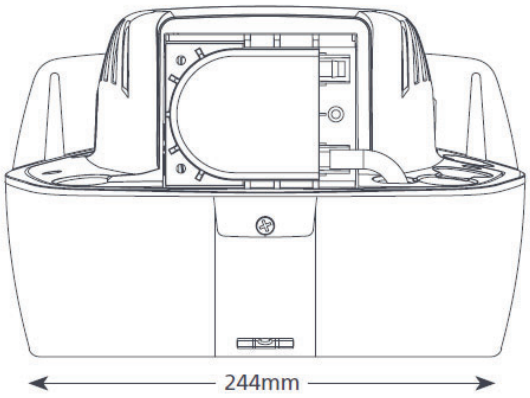
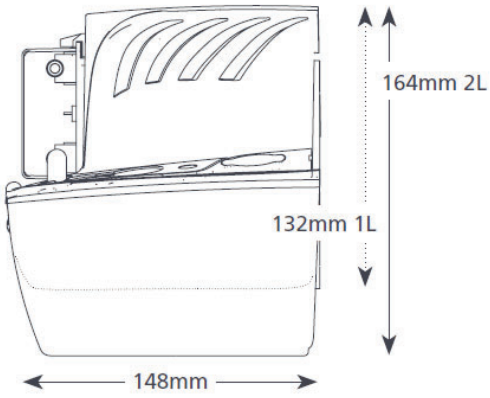
Tank Pumps - Hi-Lift 1L & 2L

The world's only persitaltic tank pump offers unsurpassed high head and unmatched reliability.

Features & Benefits

- High Head
- Easy fit & maintenance
- Easy access clean tray
- Built in spirit level





Maximum Head 12m

Meters Head	0	2	4	6	8	10	12
L/h	11	11	11	11	11	11	11

MFW Part Number	Max Head (m)	Tank Capacity (L)	Power Supply	Alarm
FP2099/2	12	1	230V AC 50-60Hz 0.4A	3.0A Normally Closed
FP2071/2		2		

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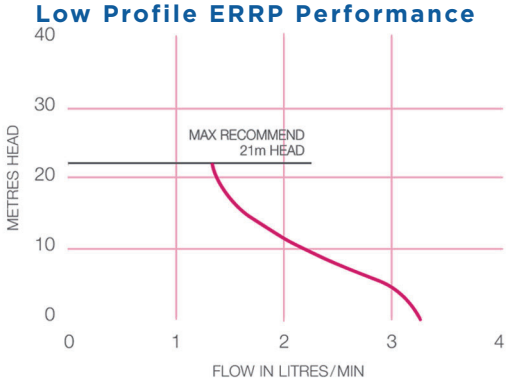
Tank Pumps - Low Profile ERRP

Low Profile Economy Refrigeration Retail Pump

A complete solution to meet the growing demand for the reliable condensate removal pumps within the retail refrigeration industry.

Standing at a height of only 75mm, it is a simple but very effective solution for the removal of water from directly underneath refrigeration units during the auto defrost cycle. Ideal for individual refrigeration units with limited space, it is suitable for both the OEM market and for direct installers. ERRPs are lightweight, have easyto-clean plastic tank and covers, push-in plug and recessed handles at either end to enable easy installation and servicing.

Low Profile ERRP Performance



Features & Benefits

- 240V 50Hz
- High level safety switch
- Filter to catch debris
- Push-in plug
- Handles to enable easy carrying
- Max water temperature: 40°C
- Inlet hole to lid: 50 mm
- Outlet size: 10 mm
- Thermally protected
- Side inlet option available

MFW Part Number	Description	Flow Rate L/h @ Zero Head	Max Head (m)	Tank Capacity (L)	Power Supply	Weight (kg)
FP2597	Top Inlet	190	21.0	3.5	240V 1.6A	2.4
FP2805	Side Inlet					

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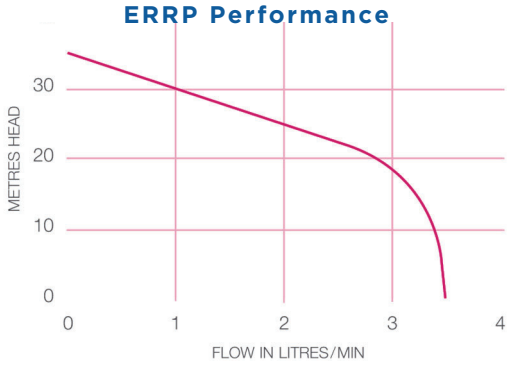
Tank Pumps - ERRP

Economy Refrigeration Retail Pump (ERRP)

A simple yet very effective solution for the removal of water from supermarket retail refrigeration units.

The Retail Refrigeration pump is low in height meaning it can be installed underneath refrigeration units, where direct drainage is not available and water needs to be pumped up above the ceiling and away to a suitable drain. The high capacity of the pump also permits the draining of several units together. The pump is operated by a float which activates sensors as the water level rises in the tank. Ideal for individual refrigeration units with limited space, it is suitable for both the OEM market and for direct installers. ERRPs are lightweight, have easy-to-clean plastic tank and covers, push-in plug and recessed handles at either end to enable easy installation and servicing.

ERRP Performance



Features & Benefits

- 240V 50Hz
- High level safety switch
- Filter to catch debris
- Push-in plug
- Handles to enable easy carrying
- Max water temperature: 40°C
- Inlet hole to lid: 50 mm
- Outlet size: 10 mm
- Thermally protected

MFW Part Number	Description	Flow Rate L/h @ Zero Head	Max Head (m)	Tank Capacity (L)	Power Supply	Weight (kg)
FP2318	Top Inlet	225	35.0	11.0	240V 0.35A	4.9

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Aspen Pump Selector

WALL MOUNT

Unit Capacity	Space Availability	Recommended Pump
< 5kW	Inside Unit	Mini Aqua
	Under Unit	Mini Blanc
	Side of Unit	Silent + Mini Lime
	Remote from Unit	Mini Orange
> 5kW	Inside Unit	Mini Aqua
	Under Unit	Mini Blanc
	Side of Unit	Silent + Mini Lime or Maxi Lime
	Remote from Unit	Mini Orange or Maxi Orange

FLOOR STANDING

Unit Capacity	Space Availability	Recommended Pump
< 5kW	Inside Unit	Mini Aqua
	Remote from Unit	Mini Orange
> 5kW	Inside Unit	Mini Aqua or Mini Tank
	Remote from Unit	Mini Orange or Maxi Orange

CEILING CASSETTE

Unit Capacity	Space Availability	Recommended Pump
<14kW	Next to Unit	Max Hi Flow or Hi-Lift 1 & 2L

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DUCTED UNIT

Unit Capacity	Space Availability	Recommended Pump
< 8.5kW	Next to Unit	Mini Aqua or Mini Tank
	Remote from Unit	Mini Orange, Mini Tank, Hi Lift 1L & 2L or Max Hi Flow
<14kW	Next to Unit	Mini Aqua or Mini Tank
	Remote from Unit	Mini Orange, Maxi Orange, Mini Tank, Hi-Lift 1L & 2L or Max Hi Flow
>14kW	Next to Unit	Maxi Orange or Mini Tank
	Remote from Unit	Maxi Orange, Mini Tank or Max Hi Flow

UNDER CEILING

Unit Capacity	Space Availability	Recommended Pump
< 12kW	Inside Unit	Mini Aqua
	Remote from Unit	Mini Orange
> 12kW	Inside Unit	Mini Aqua
	Remote from Unit	Mini Orange or Maxi Orange

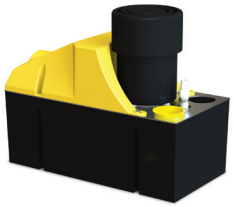
AIR HANDLING UNIT

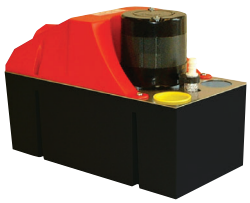
Cold Water

Unit Capacity	Space Availability	Recommended Pump
<1200kW		Heavy Duty 6 & 10
<1460kW		Heavy Duty 6 & 10

Hot Water

Unit Capacity	Space Availability	Recommended Pump
<1200kW		Hot Water Economy or Hot Water Heavy Duty
<2400kW		Hot Water Heavy Duty





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