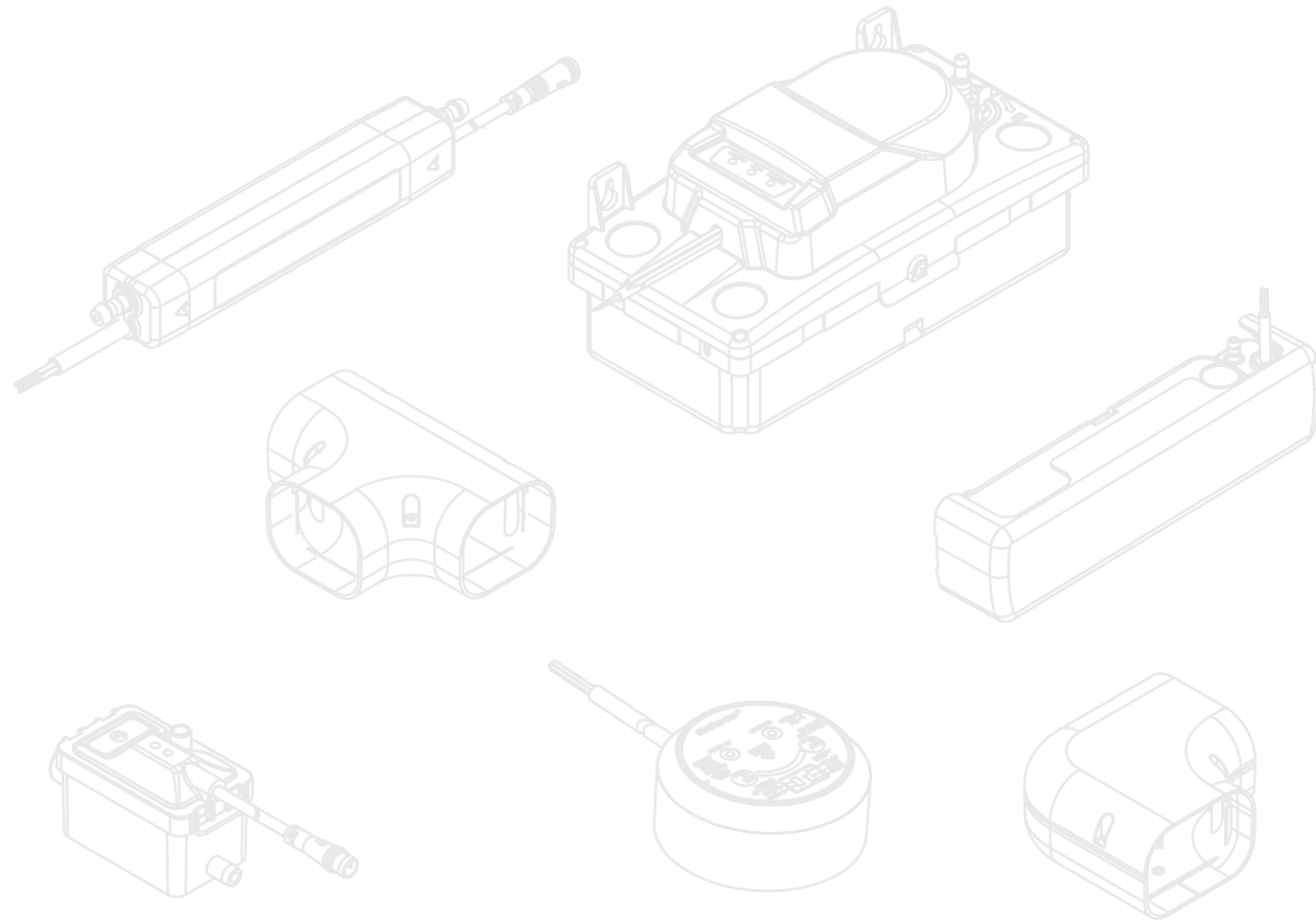




ADDRESS

No.499 Hongcan Road, Hangzhou, China | Evanston, IL, USA



TELEPHONE

Whatsapp: +1 8476443286



WEBSITE

refcenter.us | www.chinafore.com
Email: info@refcenter.cn



www.refcenter.us

A/C INSTALLATION ACCESSORIES CATALOG

ABOUT US

Refcenter®

Refcenter, a pioneering brand in the HVAC/R industry, has specialized in developing condensate pumps and refrigeration installation accessories for over 15 years. Today, Refcenter offers a wide range of products designed to deliver exceptional flexibility and reliability for installation engineers.

Our products feature innovative designs to enable a hassle-free, efficient, and dependable installation experience. Guided by a philosophy of user-centered design, Refcenter has become the preferred choice for HVAC/R installers seeking quality and efficiency in their workflow. Experience the Refcenter difference and elevate your installation standards with our trusted solutions.

CHINAFORE

Founded in 2003, Chinafore is a leading manufacturer of ventilation duct system and residential A/C installation solutions. We focus on technology-driven innovation and reliable, human-centered products, aiming to help distributor partners, contractors and technicians simplify their work globally.

We believe innovation is the core driver of success. Our mission is to deliver products that not only meet but exceed the requirements of modern building, residential, and commercial applications. With a commitment to excellence in quality, reliability, and technological leadership, we remain at the forefront of the HVACR industry, driving its development.





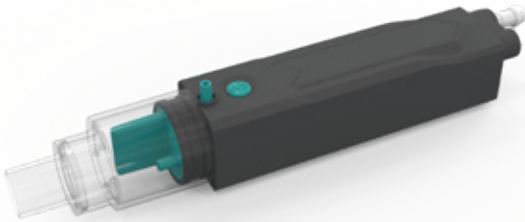
CONTENTS

01	PUMP SELECTOR	01
02	CONDENSATE PUMPS	
●	Tranquil Series	03
●	Mute Series	11
●	Box Series	16
●	PC Series	22
●	Tank Series	24
03	CONDENSATE MANAGEMENT	
	Condensate Switches / Traps	27
	Siphon Kit	31
	Drain Tubings	32
04	EQUIPMENT MOUNTING	
	Wall Brackets	35
	Mounting Stands, Blocks, and Feet	39
	Anti Vibration Accessories	44
05	OTHER ACCESSORIES	
	Electrical Kit	47
	Tapes	49
	Pre-installation Box	51
	Line Set Cover & Fittings	53
	Air Conditioning Installation Parts	57

Pump Selector

		System Type							Performance Data									Installation Method					
		Cassette	Ductless Mini Split	Ducted Unit	Cooler/ Freezer	Humidifier	Dehumidifier	Boiler	Max Flow (L/H)	Max Head Lift (m)	Suction Lift (m)	Power(V)	Frequency(Hz)	Sound level @ 1m (dB)	Max. kW/Btu	Safety Shut-off	Inside Unit	Inside Trunking	Remotely	Below Unit			
Tranquil	Tranquil - U		•						18	12	2	100-240	50-60	<17-19	16/54600	Yes	✓						
	Tranquil - S	•	•			•	•	•	40	20	2			<16-18	46/157000		✓						
	Tranquil - I		•						18	12	/			<17-19	16/54600			✓					
	Tranquil - C		•						40	20				<17-19	46/157000					✓			
	Tranquil - X		•				•	110 GPH		24 ft				<16						✓			
	Tranquil - D	•	•			•	•							<19				✓					
	Tranquil - T	•	•	•	•	•	•			•				<30			/			✓			
Mute	Mute Box-40	•	•			•	•	•	40	20	2	100-240	50-60	<20	46/157000	Yes	✓						
	Mute Box-20	•	•			•	•	•	20					<18	28/95550		✓						
	Mute Slim		•						15	12				<19	✓								
	Mute Corner-40		•						40	20	/			<20	46/157000			✓					
	Mute Corner-20		•						20					<18	28/95550								
	Mute Wedge-40		•					•	40					<20	46/157000					✓			
	Mute Wedge-20		•					•	20					<18	28/95550								
	Mute Tank	•	•	•	•	•	•	•	40					<19	46/157000				✓				
Box	Slim Box		•						15	12	2	115/230	50/60	<21	16/54600	Yes	✓						
	Easy Box		•													No	✓						
	Mini Box		•						10	15				100-240	50-60	<20	46/157000	Yes	✓				
	Maxi Box	•	•			•	•	•	40	/	<18								28/95550				✓
	Heart Box-40		•					•	20		<20								46/157000				
	Heart Box-20		•					•	40		<18								28/95550				
	MPC-40		•	•			•		20		<18								28/95550		✓		
	MPC-20		•	•			•		20														
Tank	Tank-V	•	•	•	•	•	•	•	250-580 (65-150GPH)	4.6-7.3 (15ft - 24ft)	/	115/230	50/60	35-45	/	Yes			✓				
	Tank-L	•	•	•	•	•	•	•										✓					
	Tank-X	•	•	•	•	•	•	•						450 (119GPH)			6.1 20ft	<35			✓		
PC	PC-DC	•							70	1.2	/	12Vdc	/	<35	/	Yes/No	✓						
	PC-AC40	•							40	0.95		115/230	50/60	<30									
	PC-AC70	•							70	1.2		50/60		<35									

Tranquil-U



CONDENSATE PUMP

- Capacitive sensor
- Diagnostic LED
- Variable flow rate
- Flexible installation in both horizontal and vertical

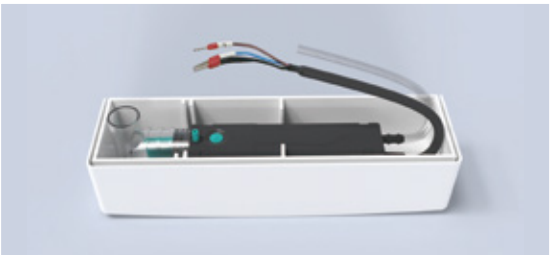
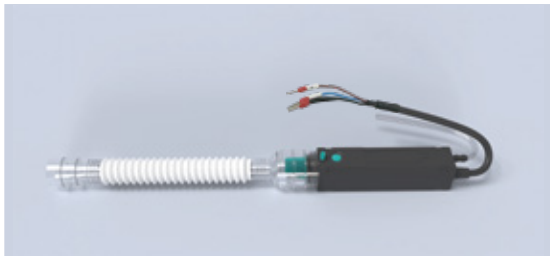
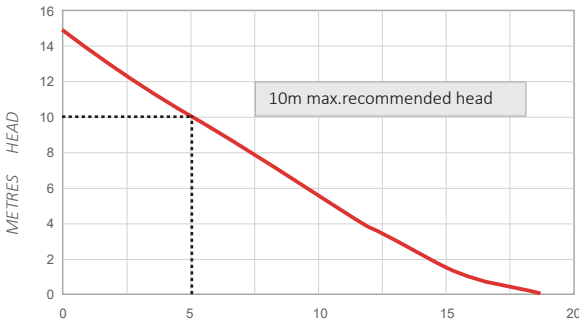
- Max. flow 18 L/h (4.8GPH)
- Sound level < 17-19 dB(A) @ 1M (3.3ft)
- Max. discharge head 12 M (39.4ft)

Designed to fit more installations with a single pump, the Tranquil-U supports both horizontal and vertical mounting, allowing one product to cover four common installation configurations. Combined with intelligent capacitive sensing and adaptive variable-speed operation, it delivers reliable condensate removal while simplifying inventory, installation, and maintenance.

> TECHNICAL DATA

TYPICAL PERFORMANCE <

- Power supply: 100-240V AC 50/60Hz <4W
- Max. flow: 18L/h (4.8GPH) , range from 12-18L/H (3.2-4.8GPH)
- Sound level: 17-19dB(A)@1M (3.3ft)
- Max. discharge head: 12 M (39.4ft)
- Max. suction lift: 2 M (6.6ft)
- Max. unit output: 16 kw / 54,600 Btu/h
- Safety switch: 3A Normally closed
- Max. water temperature: 40 °C
- Discharge tube: 6mmID
- Class: II appliance
- Protection: Fully potted,IP-45
- LxWxH: 187mm x 29mm x 29mm
- 2 year warranty



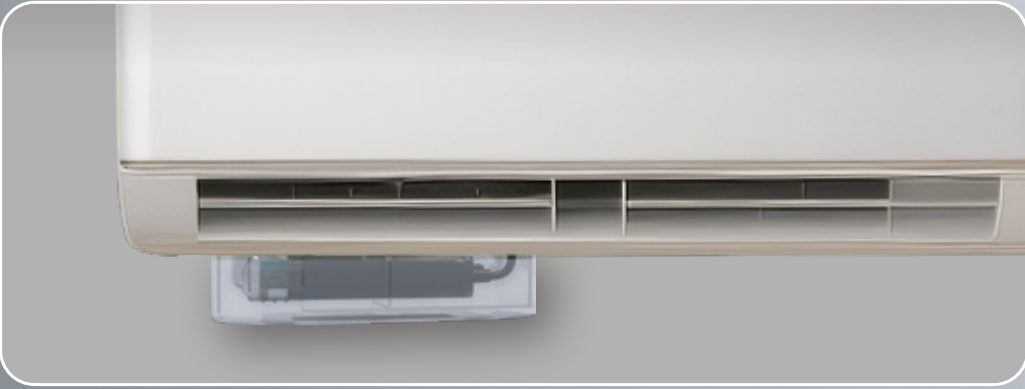


TRANQUIL-U

NEW!

- Capacitive sensor
- Variable flow rate
- Diagnostic LED
- Flexible installation in both horizontal and vertical





Tranquil-I



CONDENSATE PUMP

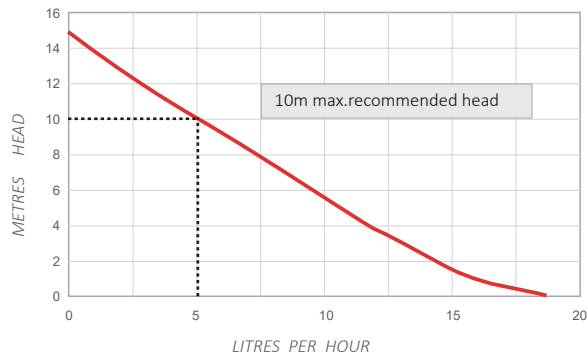
- Capacitive sensor
- Variable flow rate
- Diagnostic LED
- Slim design for easy installation
- Built-in operation tracking
- Ultra-quiet operation
- Up to 16 kw/54,600 Btu/h
- Max. flow 18 L/h (4.8GPH)
- Sound level < 17-19 dB(A) @ 1M (3.3ft)
- Max. discharge head 12 M (39.4ft)

The Tranquil-I features a capacitive sensor for water detection, enhancing reliability over traditional float switches. Its soft-start mode minimizes startup noise and extends the lifespan of the pump and electronic components. A built-in counter tracks operating time and provides alarm notifications for optimal maintenance.

> TECHNICAL DATA

TYPICAL PERFORMANCE <

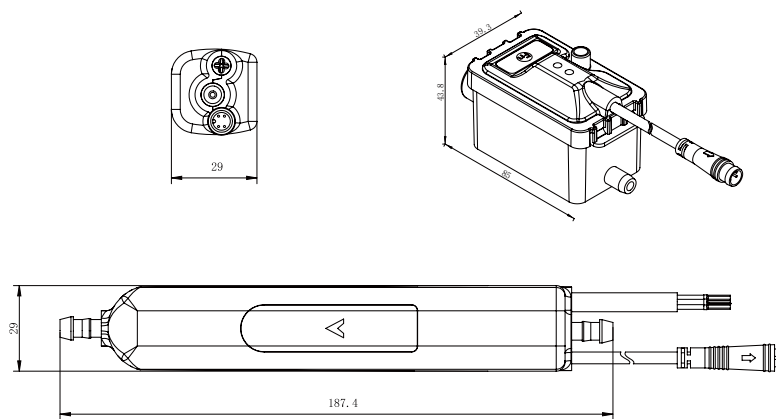
- Power supply: 100-240V AC 50/60Hz <4W
- Max. flow: 18L/h (4.8GPH) , range from 12-18L/H (3.2-4.8GPH)
- Sound level: 17-19dB(A)@1M (3.3ft)
- Max. discharge head: 12 M (39.4ft)
- Max. suction lift: 2 M (6.6ft)
- Max. unit output: 16 kw / 54,600 Btu/h
- Safety switch: 3A Normally closed
- Max. water temperature: 40 °C
- Discharge tube: 6mmID
- Class: II appliance
- Protection: Fully potted,IP-45
- L×W×H: 187mm × 29mm × 29mm
- 2 year warranty



> IN THE BOX

DIMENSION <

- 1 Assembled Tranquil - I
- 2 Assembled inline reservoir
- 3 Plug connector
- 4 150cm length of 6mm I/D vinyl tube
- 5 Silicone tube 15cm
- 6 Power cable
- 7 1A fuse
- 8 Anti-siphon valve
- 9 Check valve
- 10 3M tape 2x50mmx20mmx1mm
- 11 3M tape 1x50mmx20mmx2.5mm
- 12 Nylon clamps 4x200mmx4mm



Tranquil-S



CONDENSATE PUMP

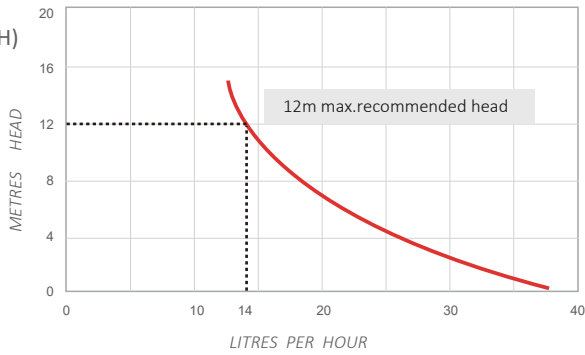
- Capacitive sensor
- Variable flow rate
- Diagnostic LED
- Powerful performance
- Built-in operation tracking
- Ultra-quiet operation
- Up to 46 kw / 157,000 Btu/h
- Max. flow 40 L/h (10.6GPH)
- Sound level < 16-18 dB(A) @ 1M (3.3ft)
- Max. discharge head 20 M (65.6ft)

The Tranquil-S features a capacitive sensor for water detection, enhancing reliability over traditional float switches. Its soft-start mode minimizes startup noise and extends the lifespan of the pump and electronic components. A built-in counter tracks operating time and provides alarm notifications for optimal maintenance.

> TECHNICAL DATA

TYPICAL PERFORMANCE <

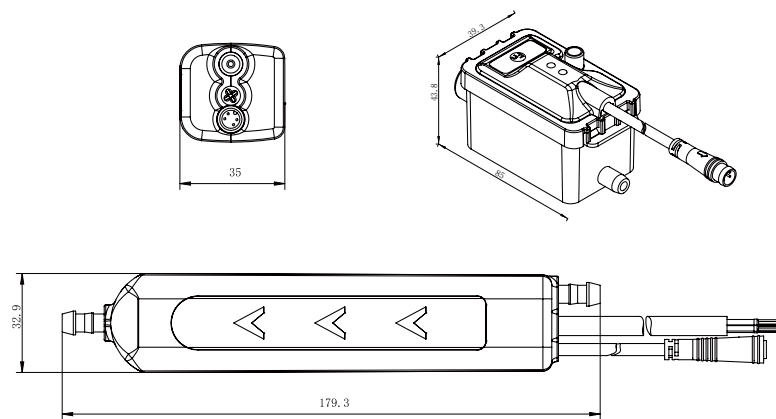
- Power supply: 100-240V AC 50/60Hz <4W
- Max. flow: 40 L/H (10.6GPH), range from 20-40L/H (5.3-10.6GPH)
- Sound level: 16-18dB(A)@1M (3.3ft)
- Max. discharge head: 20 M (65.6ft)
- Max. suction lift: 2 M (6.6ft)
- Max. unit output: 46 kw / 157,000 Btu/h
- Safety switch: 3A Normally closed
- Max. water temperature: 40 °C
- Discharge tube: 6mmID
- Class: II appliance
- Protection: Fully potted, IP-45
- L×W×H: 185mm × 36mm × 34mm
- 3 year warranty



> IN THE BOX

DIMENSION <

- 1 Assembled Tranquil-S
- 2 Assembled inline reservoir
- 3 Plug connector
- 4 150cm length of 6mm I/D vinyl tube
- 5 Silicone tube 15cm
- 6 Power cable
- 7 1A fuse
- 8 Anti-siphon valve
- 9 Check valve
- 10 3M tape 2x50mmx20mmx1mm
- 11 3M tape 1x50mmx20mmx2.5mm
- 12 Nylon clamps 4x200mmx4mm



Tranquil-X



CONDENSATE PUMP

- Capacitive sensor
- Variable flow rate
- Diagnostic LED
- Quick and simple installation
- Built-in operation tracking
- Ultra-quiet operation
- Up to 46 kw / 157,000 Btu/h

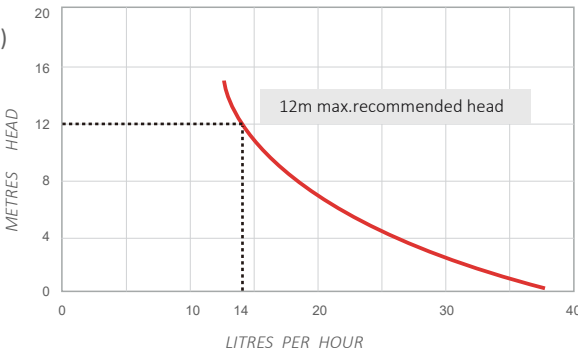
- Max. flow 40 L/h (10.6GPH)
- Sound level < 16 dB(A) @ 1M (3.3ft)
- Max. discharge head 20 M (65.6ft)

The Tranquil-x features a capacitive sensor for water detection, enhancing reliability over traditional float switches. Its soft-start mode minimizes startup noise and extends the lifespan of the pump and electronic components. A built-in counter tracks operating time and provides alarm notifications for optimal maintenance.

> TECHNICAL DATA

TYPICAL PERFORMANCE <

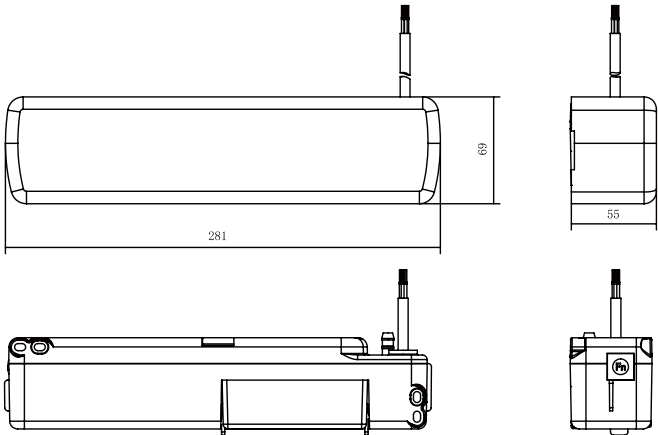
- Power supply: 100-240V AC 50/60Hz <4W
- Max. flow: 40L/h (10.6GPH), range from 20-40L/H (5.3-10.6GPH)
- Sound level: 16dB(A)@1M (3.3ft)
- Max. discharge head: 20 M (65.6ft)
- Max. suction lift: 2 M (6.6ft)
- Max. unit output: 46 kw / 157,000 Btu/h
- Safety switch: 3A Normally closed
- Max. water temperature: 40 °C
- Discharge tube: 6mmID
- Class: II appliance
- Protection: Fully potted, IP-45
- LxWxH: 281mm x 55mm x 69mm
- 3 year warranty



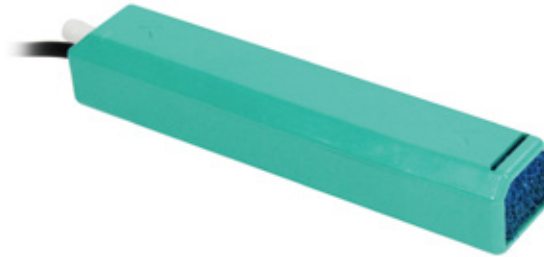
> IN THE BOX

DIMENSION <

- 1Afuse x 1
- Installation screw x 2
- Expansionplug x 2
- Level gauge x 1
- Connection clamp x 1
- Nylon clamps 200mmx4mm x 2
- Drilling schematic template x 1
- Anti-siphon valve x 1



Tranquil-D



CONDENSATE PUMP

- Capacitive sensor
- Variable flow rate
- Diagnostic LED
- Submersible in Condensate Pans
- Built-in operation tracking
- Ultra-quiet operation
- Up to 46 kw / 157,000 Btu/h

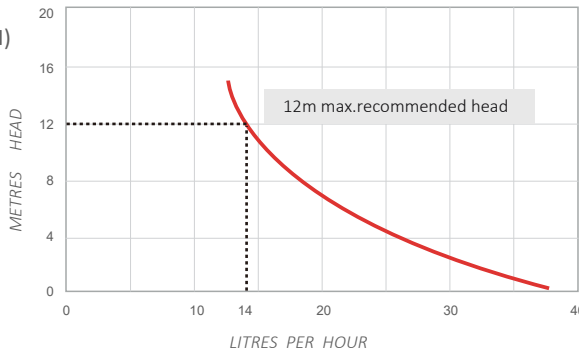
- Max. flow 40 L/h (10.6GPH)
- Sound level < 19 dB(A) @ 1M (3.3ft)
- Max. discharge head 20 M (65.6ft)

The Tranquil-D features a capacitive sensor for water detection, enhancing reliability over traditional float switches. Its soft-start mode minimizes startup noise and extends the lifespan of the pump and electronic components. Completely-sealed design with IP68 protection grade makes Tranquil-D submersible in condensate trays/pans, with high pumping capacity.

> TECHNICAL DATA

TYPICAL PERFORMANCE <

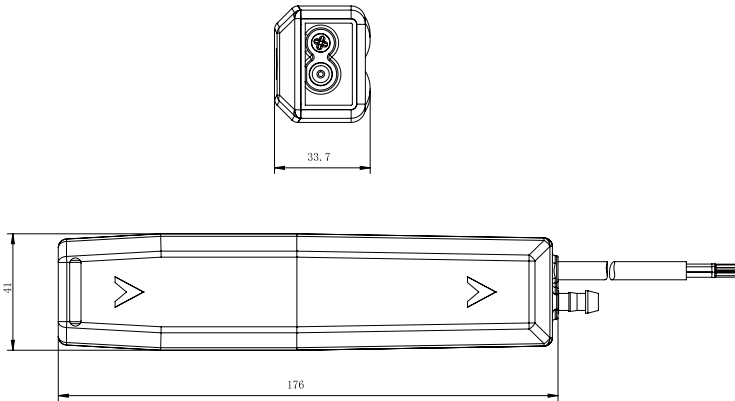
- Power supply: 100-240V AC 50/60Hz <4W
- Max. flow: 40L/h (10.6GPH), range from 20-40L/H (5.3-10.6GPH)
- Sound level: 19dB(A)@1M (3.3ft)
- Max. discharge head: 20 M (65.6ft)
- Max. suction lift: 2 M (6.6ft)
- Max. unit output: 46 kw / 157,000 Btu/h
- Safety switch: 3A Normally closed
- Max. water temperature: 40 °C
- Discharge tube: 6mmID
- Class: II appliance
- Protection: IP68
- LxWxH: 176mm x 34mm x 41mm
- 3 year warranty



> IN THE BOX

DIMENSION <

- 1 Assembled Tranquil - D
- 2 150cm length of 6mm I/D vinyl tube
- 3 Power cable
- 4 1A fuse
- 5 Anti-siphon valve
- 6 Check valve
- 7 Nylon clamps 4x200mmx4mm



Tranquil-C



CONDENSATE PUMP

- Capacitive sensor
- Variable flow rate
- Diagnostic LED
- Reset function
- Built-in operation tracking
- Installed in trunking elbow
- Up to 16 kw/54,600 Btu/h

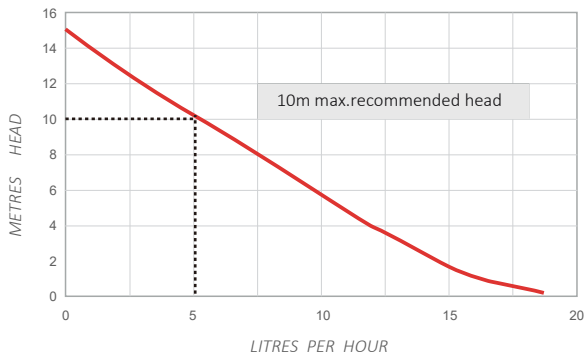
- Max. flow 18 L/h (4.8GPH)
- Sound level < 17-19 dB(A) @ 1M (3.3ft)
- Max. discharge head 12M (39.4ft)

The Tranquil-C uses a capacitive sensor for water detection, enhancing reliability over traditional float switches. Its soft-start mode minimizes startup noise and extends the lifespan of the pump and electronic components. A built-in counter tracks operating time and provides alarm notifications for optimal maintenance.

> TECHNICAL DATA

TYPICAL PERFORMANCE <

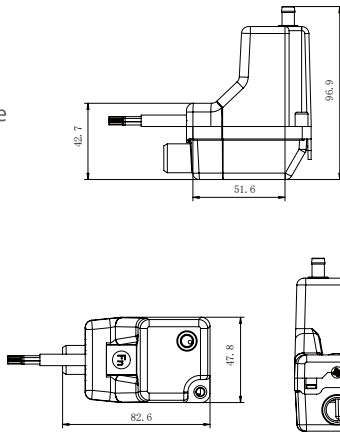
- Power supply: 100-240V AC 50/60Hz <4W
- Max. flow: 18 L/H (4.8GPH), range from 12-18L/H (3.2-4.8GPH)
- Sound level: 17-19dB(A)@1M (3.3ft)
- Max. discharge head: 12M (39.4ft)
- Max. suction lift: 2M (6.6ft)
- Max. unit output: 16kw / 54,600 Btu/h
- Safety switch: 3A Normally closed
- Max. water temperature: 40 °C
- Discharge tube: 6mmID
- Class: II appliance
- Protection: Fully potted, IP-45
- LxWxH: 82.6mm x 47.8mm x 96.9mm
- 2 year warranty



> IN THE BOX

DIMENSION <

- 1 Assembled Tranquil-C
- 2 breather hole 6mm od
- 3 Assembled Inline reservoir
- 4 1.5m length of 6mm i/d vinyl tube
- 5 Inlet tube
- 6 Power Cable
- 7 Anti-siphon valve
- 8 4 x 200mm x 4mm cable ties
- 9 Check valve
- 10 1 A fuse
- 11 Line Set (As option)



Tranquil-T



CONDENSATE PUMP

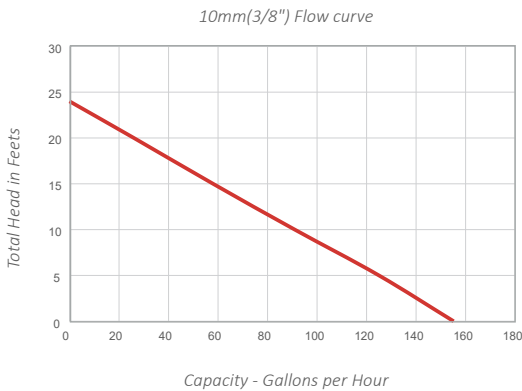
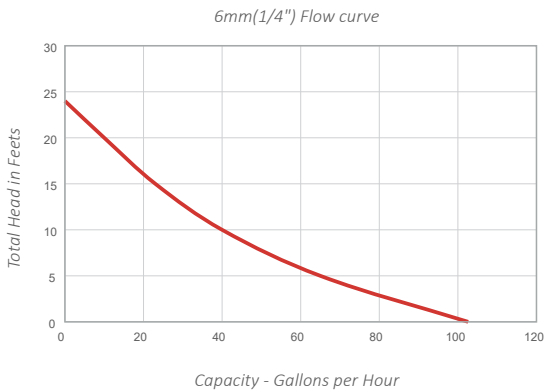
- Automatic Optical-level Sensor Switch
- 0.46 Gallon Rustproof, High Impact ABS Tank
- Discharge tube compatible with both 3/8" & 1/4"
- Optional dual alarm system for enhanced safety and reliability.
- 6-feet power cord
- 4 inlets 1.1"

- Max. flow 587 L/h (155GPH)
- Sound level < 30 dB(A) @ 1M (3.3ft)
- Max. discharge head 7.2M (24ft)

POWER PLUG OPTIONS:

- No plug
- Single plug (customer-specified)
- Dual plugs (115 V / 230 V)

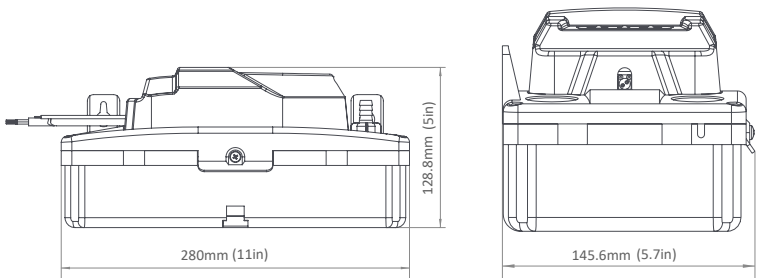
> TYPICAL PERFORMANCE



> TECHNICAL DATA

DIMENSION <

- Power supply: 100-240V AC 50/60Hz 50W
- Max. flow: 587 L/h (155GPH)
- Sound level: 30dB(A)@1M (3.3ft)
- Max. discharge head: 7.2M (24ft)
- Max. water temperature: 60 °C
- Discharge tube: 10mm ID(1/4")/6mm ID(3/8")
- Class: II appliance
- IP Protection: IP24
- 3 year warranty



MUTE WEDGE

CONDENSATE PUMP

- Float Switch Detection
 - High performance
 - Simple and quick to install
- Anti-vibration
 - Silent Operation

 **Max. flow**
20/40 L/h @ 0 head

 **Sound level**
18/20 dB(A) @ 1M (3.3ft)

 **Max. discharge head**
20M (65.6ft)

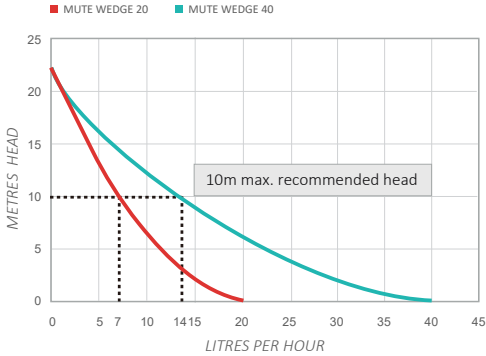


The sleek, compact design of the Mute series pumps makes them ideal for integration with mini-split and ducted HVAC systems. Operating via float switch mechanism, Mute series delivers exceptional condensate removal performance while maintaining whisper-quiet operation, ensuring optimal environmental comfort.

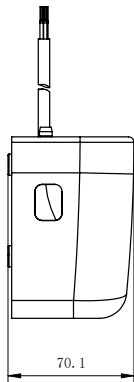
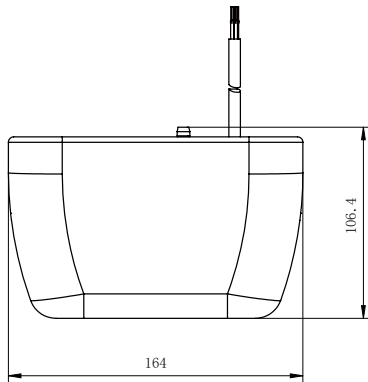
> TECHNICAL DATA

TYPICAL PERFORMANCE <

Model	MUTE WEDGE 20	MUTE WEDGE 40
Power supply	100-240V AC 50/60Hz	
Max. flow	20L/h (5.3GPH) @ 0 head	40L/h (10.6GPH) @ 0 head
Sound level	18 dB(A) @1M (3.3ft)	20dB(A) @1M (3.3ft)
Max. discharge head	20M (65.6ft)	
Water Storage	230ml	
Max. unit output	28kw / 95,550Btu/h	46kw / 157,000Btu/h
Safety switch	3A Normally closed	
Max. water temperature	70°C	
Discharge tube	6mmID	
Class	II appliance	
Rated	Continuous	
IP Protection	IPX5	
Fully potted	Yes	
LxWxH	164mm x 70mm x 106mm	
Warranty	2 year	



> DIMENSION



MUTE BOX

CONDENSATE PUMP

- Float Switch Detection
 - High performance
 - Simple and quick to install
- Anti-vibration
 - Silent Operation

 **Max. flow**
20/40 L/h @ 0 head

 **Sound level**
18/20 dB(A) @ 1M (3.3ft)

 **Max. discharge head**
20M (65.6ft)

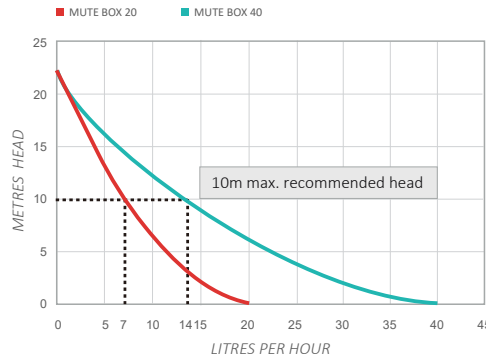


The sleek, compact design of the Mute series pumps makes them ideal for integration with mini-split and ducted HVAC systems. Operating via float switch mechanism, Mute series delivers exceptional condensate removal performance while maintaining whisper-quiet operation, ensuring optimal environmental comfort.

> TECHNICAL DATA

TYPICAL PERFORMANCE <

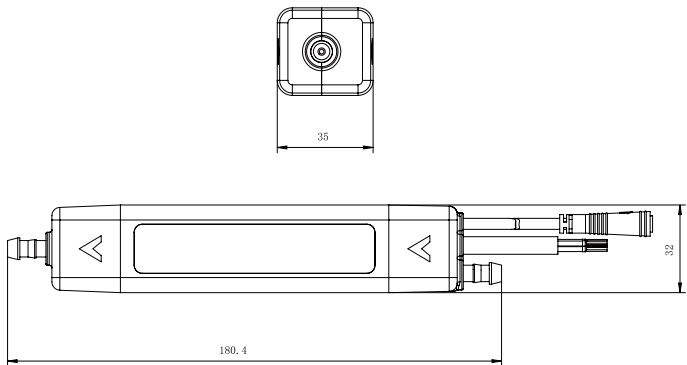
Model	MUTE BOX 20	MUTE BOX 40
Power supply	100-240V AC 50/60Hz	
Max. flow	20L/h (5.3GPH) @ 0 head	40L/h (10.6GPH) @ 0 head
Sound level	18 dB(A) @1M (3.3ft)	20dB(A) @1M (3.3ft)
Max. discharge head	20M (65.6ft)	
Max. suction lift	2M (6.6ft)	
Max. unit output	28kw / 95,550Btu/h	46kw / 157,000Btu/h
Safety switch	3A Normally closed	
Max. water temperature	70°C	
Discharge tube	6mmID	
Class	II appliance	
Rated	Continuous	
IP Protection	IPX5	
Fully potted	Yes	
LxWxH	185mm x 36mm x 34mm	
Warranty	2 year	



> IN THE BOX

DIMENSION <

- 1 Assembled MUTE BOX
- 2 6mm i/d vinyl tube
- 3 Assembled Inline reservoir
- 4 1.5m length of 6mm i/d vinyl tube
- 5 Inlet tube
- 6 Self adhesive velcro strips x 2
- 7 Anti-siphon valve
- 8 Check valve
- 9 Power cable
- 10 4 x 200mm x 4mm cable ties



MUTE SLIM



CONDENSATE PUMP

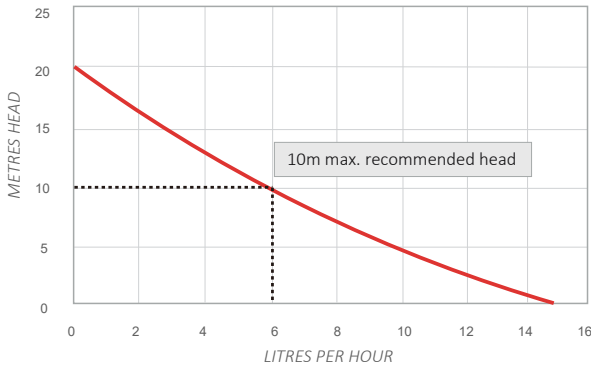
- *Float Switch Detection*
 - *Silent Operation*
 - *Slim design to fit various installation methods*
- *Anti-vibration*
 - *Plug & Play*
- Max. flow 15L/h (4.0GPH) @ 0 head
 - Sound level < 19 dB(A) @ 1M (3.3ft)
 - Max. discharge head 12M (39.4ft)

The sleek, compact design of the Mute series pumps makes them ideal for integration with mini-split and ducted HVAC systems. Operating via float switch mechanism, Mute series delivers exceptional condensate removal performance while maintaining whisper-quiet operation, ensuring optimal environmental comfort.

> TECHNICAL DATA

TYPICAL PERFORMANCE <

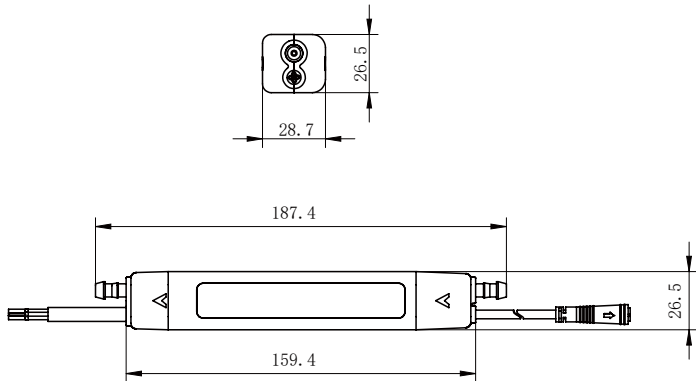
- Power supply: 100-240V AC 50/60Hz
- Max. flow: 15L/h (4.0GPH) @ 0 head
- Sound level: 19 dB(A) @1M (3.3ft)
- Max. discharge head: 12M (39.4ft)
- Max. unit output: 28kw / 95,550Btu/h
- Safety switch: 3A Normally closed
- Max. water temperature: 70°C
- Discharge tube: 6mmID
- Class: II appliance
- Rated: Continuous
- IP Protection: IPX5
- LxWxH: 187mm x 29mm x 27mm
- 2 year warranty



> IN THE BOX

DIMENSION <

- 1 Assembled MUTE SLIM
- 2 6mm i/d vinyl tube
- 3 Assembled Inline reservoir
- 4 1.5m length of 6mm i/d vinyl tube
- 5 Inlet tube
- 6 2 x self adhesive velcro strips
- 7 Check valve
- 8 Anti-siphon valve
- 9 Power cable
- 10 4 x 200mm x 4mm cable ties



MUTE TANK



CONDENSATE PUMP

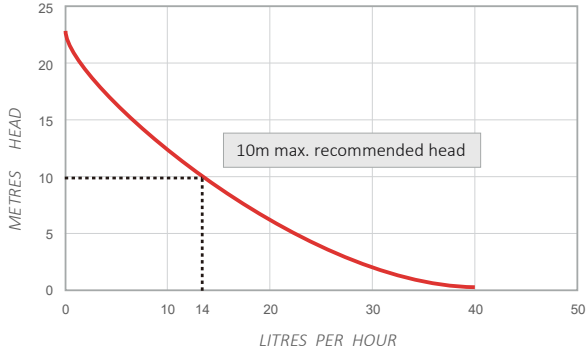
- *Float Switch Detection*
 - *High performance*
 - *Fit various installation methods*
- *Anti-vibration*
 - *Silent Operation*
- Max. flow 40L/h (10.6GPH) @ 0 head
 - Sound level < 19 dB(A) @ 1M (3.3ft)
 - Max. discharge head 20M (65.6ft)

The sleek, compact design of the Mute series pumps makes them ideal for integration with mini-split and ducted HVAC systems. Operating via float switch mechanism, Mute series delivers exceptional condensate removal performance while maintaining whisper-quiet operation, ensuring optimal environmental comfort.

> TECHNICAL DATA

TYPICAL PERFORMANCE <

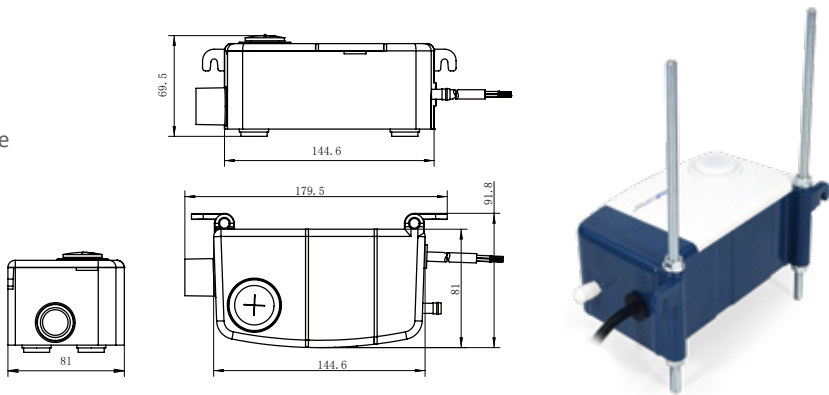
- Power supply: 100-240V AC 50/60Hz
- Max. flow: 40L/h (10.6GPH) @ 0 head
- Sound level: 19 dB(A) @1M (3.3ft)
- Max. discharge head: 20M (65.6ft)
- Max. unit output: 46kw / 157,000Btu/h
- Safety switch: 3A Normally closed
- Max. water temperature: 70°C
- Discharge tube: 6mmID
- Class: II appliance
- Rated: Continuous
- IP Protection: IPX7
- Fully potted: Yes
- LxWxH: 180mm x 81mm x 70mm
- 2 year warranty



> IN THE BOX

DIMENSION <

- 1 Assembled MUTE TANK
- 2 6mm i/d vinyl tube
- 3 Assembled Inline reservoir
- 4 1.5m length of 6mm i/d vinyl tube
- 5 Inlet tube
- 6 Power cable



MUTE CORNER

CONDENSATE PUMP

- Float Switch Detection
- Plug & Play
- Fit with trunking elbow
- Anti-vibration
- Silent Operation

**Max. flow**
20/40 L/h @ 0 head

**Sound level**
18/20 dB(A) @ 1M (3.3ft)

**Max. discharge head**
20M (65.6ft)

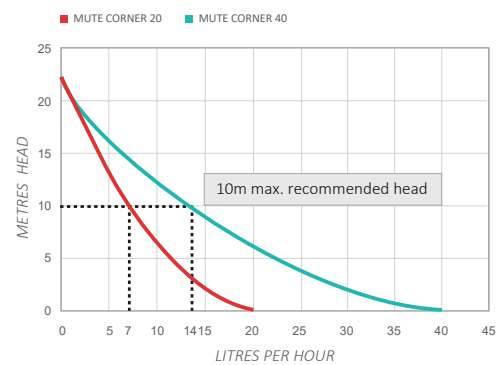
The sleek, compact design of the Mute series pumps makes them ideal for integration with mini-split and ducted HVAC systems. Operating via float switch mechanism, Mute series delivers exceptional condensate removal performance while maintaining whisper-quiet operation, ensuring optimal environmental comfort.



> TECHNICAL DATA

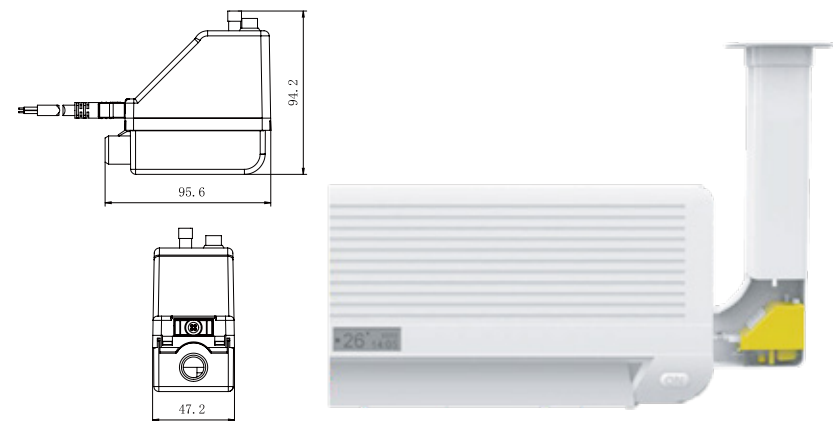
TYPICAL PERFORMANCE <

Model	MUTE CORNER 20	MUTE CORNER 40
Power supply	100-240V AC 50/60Hz	
Max. flow	20L/h (5.3GPH) @ 0 head	40L/h (10.6GPH) @ 0 head
Sound level	18 dB(A) @1M (3.3ft)	20dB(A) @1M (3.3ft)
Max. discharge head	20M (65.6ft)	
Max. unit output	28kw / 95,550Btu/h	46kw / 157,000Btu/h
Safety switch	3A Normally closed	
Max. water temperature	70°C	
Discharge tube	6mmID	
Class	II appliance	
Rated	Continuous	
IP Protection	IPX5	
L×W×H	164mm x 70mm x 106mm	
Warranty	2 year	



> DIMENSION

- 1 Assembled MUTE CORNER
- 2 6mm i/d vinyl tube
- 3 Assembled Inline reservoir
- 4 1.5m length of 6mm i/d vinyl tube
- 5 Inlet tube
- 6 4 pin socket
- 7 Anti-siphon valve
- 8 Check valve
- 9 4 x 200mm x 4mm cable ties



HEART BOX

CONDENSATE PUMP

- High Performance
- Plug & Play
- Anti-vibration
- Quiet Operation
- Quick and simple installation

**Max. flow**
20/40 L/h @ 0 head

**Sound level**
18/20 dB(A) @ 1M (3.3ft)

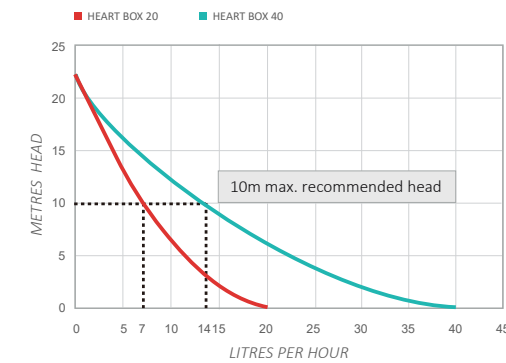
**Max. discharge head**
20M (65.6ft)



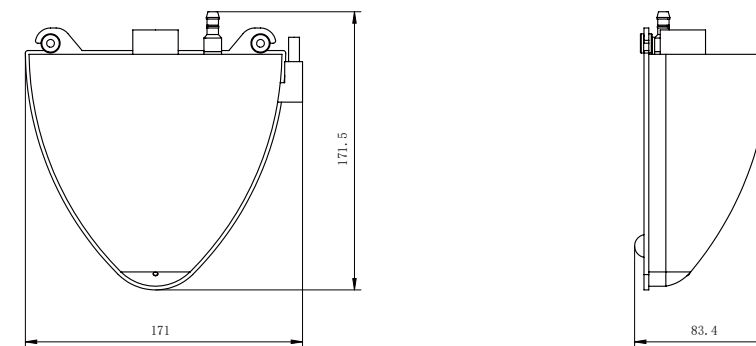
> TECHNICAL DATA

TYPICAL PERFORMANCE <

Model	HEART BOX 20	HEART BOX 40
Power supply	100-240V AC 50/60Hz	
Max. flow	20L/h (5.3GPH) @ 0 head	40L/h (10.6GPH) @ 0 head
Sound level	18 dB(A) @1M (3.3ft)	20dB(A) @1M (3.3ft)
Max. discharge head	20M (65.6ft)	
Tank capacity	300ml	
Max. unit output	28kw / 95,550Btu/h	46kw / 157,000Btu/h
Safety switch	3A Normally closed	
Max. water temperature	70°C	
Discharge tube	6mmID	
Class	II appliance	
Rated	Continuous	
Fully potted	Yes	
L×W×H	171mm x 83.4mm x 171.5mm	
Warranty	1 year	



> IN THE BOX



SLIM BOX



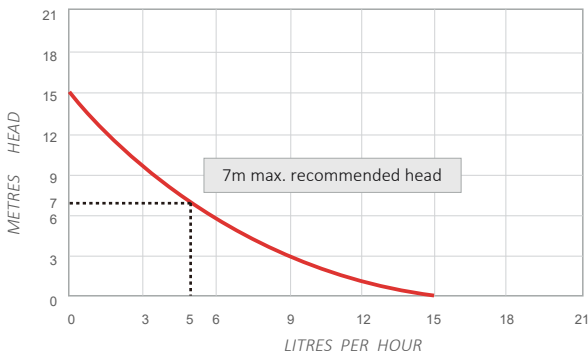
CONDENSATE PUMP

- Ultra slim design
- Plug & Play
- Anti-vibration
- Quiet Operation

- Max. flow 15L/h (4GPH) @ 0 head
- Sound level < 21 dB(A) @ 1M (3.3ft)
- Max. discharge head 12M (39.4ft)

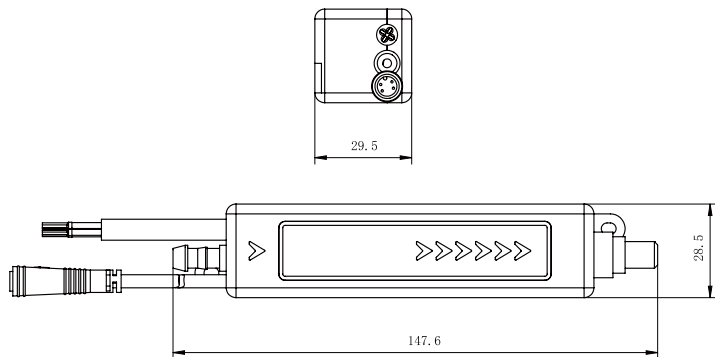
> TECHNICAL DATA < TYPICAL PERFORMANCE <

- Power supply: 115V 50Hz or 230V 50/60Hz
- Max. flow: 15L/h (4GPH) @ 0 head
- Sound level: 21 dB(A) @ 1M (3.3ft)
- Max. discharge head: 12M (39.4ft)
- Max. suction lift: 2M (6.6ft)
- Max. unit output: 16kw / 54,600 Btu/h
- Safety switch: 3A Normally closed
- Max. water temperature: 40°C
- Discharge tube: 6mmID
- Class: II appliance
- Rated: Non continuous
- IP Protection: IPX5
- Thermal protection: Yes
- LxWxH: 148mm x 29mm x 29mm
- 1 year warranty



> IN THE BOX < DIMENSION <

- 1 Assembled SLIM BOX
- 2 6mm i/d vinyl tube
- 3 Assembled Inline reservoir
- 4 1.5m length of 6mm i/d vinyl tube
- 5 Inlet tube
- 6 Power cable
- 7 Self adhesive velcro strips x 2
- 8 4 x 200mm x 4mm cable ties



EASY BOX



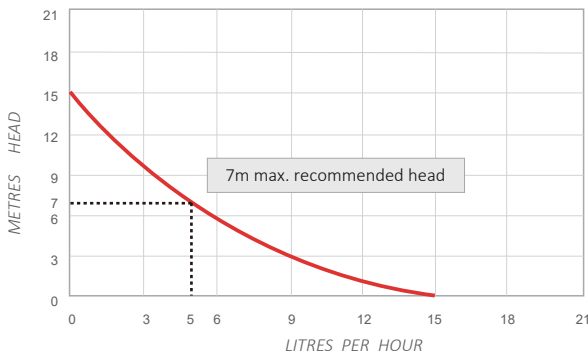
CONDENSATE PUMP

- Plug & Play
- Anti-vibration
- Quiet Operation
- Small size suitable for various installation

- Max. flow 15L/h (4.0GPH) @ 0 head
- Sound level < 21 dB(A) @ 1M (3.3ft)
- Max. discharge head 12 M (39.4ft)

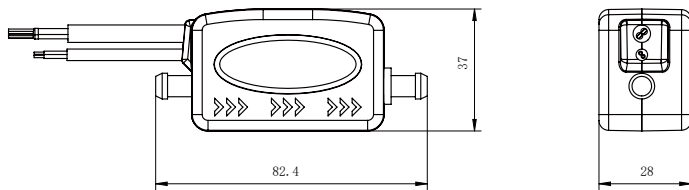
> TECHNICAL DATA < TYPICAL PERFORMANCE <

- Power supply: 115V 50Hz or 230V 50/60Hz
- Max. flow: 15L/h (4GPH) @ 0 head
- Sound level: 21 dB(A) @ 1M (3.3ft)
- Max. discharge head: 12M (39.4ft)
- Tank capacity: 40ml
- Max. unit output: 16kw / 54,600 Btu/h
- Max. water temperature: 40°C
- Discharge tube: 6mmID
- Class: II appliance
- Rated: Non continuous
- IP Protection: IPX5
- Thermal protection: Yes
- Fully potted: Yes
- LxWxH: 82.4mm x 28mm x 37mm
- 1 year warranty



> IN THE BOX < DIMENSION <

- 1 Assembled EASY BOX
- 2 6mm i/d vinyl tube
- 3 Assembled Inline reservoir
- 4 Inlet tube
- 5 Power cable
- 6 Self adhesive velcro strips x 2
- 7 2 x 100mm x 3mm cable ties



MINI BOX



CONDENSATE PUMP

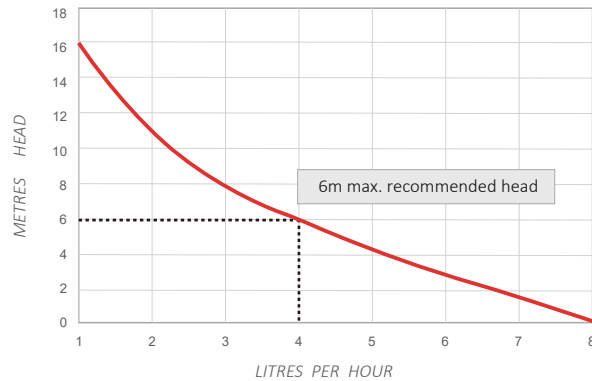
- Plug & Play
- Anti-vibration
- Quiet Operation
- Small size suitable for various installation

- Max. flow 10L/h (2.6GPH) @ 0 head
- Sound level < 20dB(A)@ 1M (3.3ft)
- Max. discharge head 15M (49.2ft)

> TECHNICAL DATA

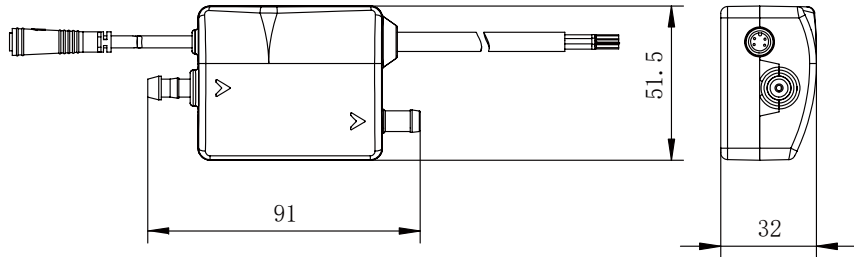
- Max. flow: 10L/h (2.6 GPH) @ 0 head
- Sound level: 20 dB(A)@1M (3.3ft)
- Power supply: 100-240V AC 50/60Hz
- Max. discharge head: 15M (49.2ft)
- Max. unit output: 16kw/54,600Btu/h
- Safety switch: 3A Normally closed
- Max. water temperature: 70 °C
- Discharge tube: 6mmID
- Class: II appliance
- Rated: Continuous
- IP Protection: IPX4
- 1 year warranty

TYPICAL PERFORMANCE <



> IN THE BOX

- 1 Assembled maxi box pump
- 2 6mm i/d vinyl tube
- 3 Assembled Inline reservoir
- 4 1.5m length of 6mm i/d vinyl tube
- 5 Inlet tube
- 6 2 x self adhesive velcro strips
- 7 4 x 200mm x 4mm cable ties
- 8 Anti-siphon valve
- 9 Check valve



MAXI BOX



CONDENSATE PUMP

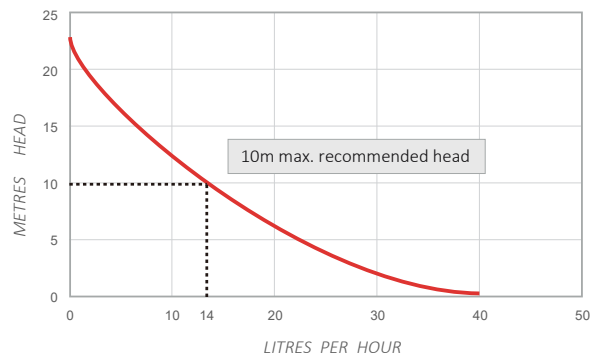
- High Performance
- Plug & Play
- Anti-vibration
- Quiet Operation

- Max flow 40L/h (10.6GPH) @ 0 head
- Sound level < 20dB(A)@ 1M (3.3ft)
- Max. discharge head 20M (65.6ft)

> TECHNICAL DATA

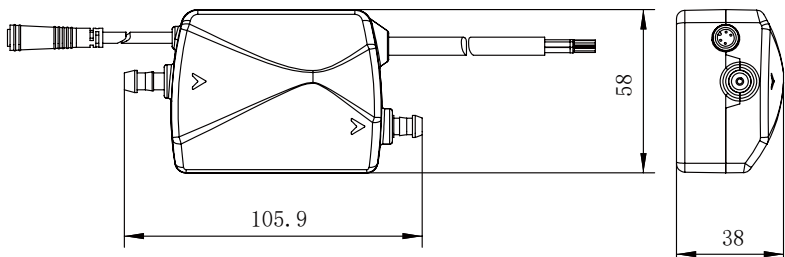
- Max. flow: 40L/h (10.6GPH) @ 0 head
- Sound level: 20 dB(A) @1M (3.3ft)
- Power supply: 100-240V AC 50/60Hz
- Max. discharge head: 20M (65.6ft)
- Max. unit output: 46kw/157,000Btu/h
- Safety switch: 3A Normally closed
- Max. water temperature: 70 °C
- Discharge tube: 6mmID
- Class: II appliance
- Rated: Continuous
- IP Protection: IPX4
- 1 year warranty

TYPICAL PERFORMANCE <



> IN THE BOX

- 1 Assembled maxi box pump
- 2 6mm i/d vinyl tube
- 3 Assembled Inline reservoir
- 4 1.5m length of 6mm i/d vinyl tube
- 5 Inlet tube
- 6 2 x self adhesive velcro strips
- 7 4 x 200mm x 4mm cable ties
- 8 Anti-siphon valve
- 9 Check valve



MPC

CONDENSATE PUMP

- High Performance
- Plug & Play
- Anti-vibration
- Quiet Operation
- Fit various installation methods



Max. flow
20/40 L/h @ 0 head

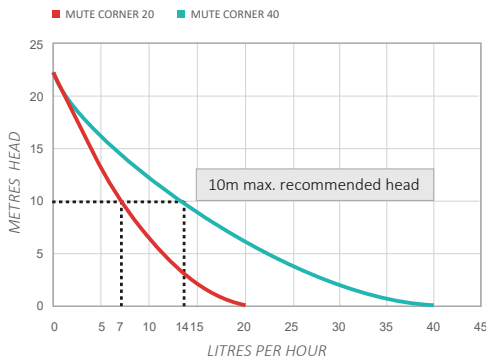
Sound level
18/20 dB(A) @ 1M (3.3ft)

Max. discharge head
20M (65.6ft)

> TECHNICAL DATA

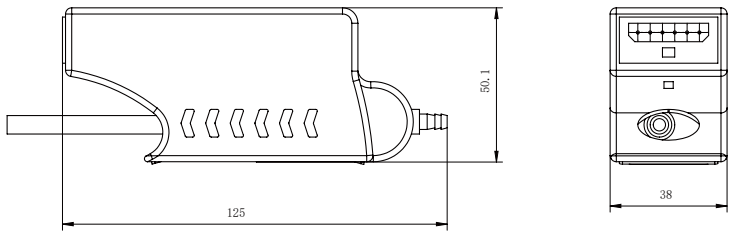
Model	MUTE CORNER 20	MUTE CORNER 40
Power supply	100-240V AC 50/60Hz	
Max. flow	20L/h (5.3GPH) @ 0 head	40L/h (10.6GPH) @ 0 head
Sound level	18 dB(A) @1M (3.3ft)	20dB(A) @1M (3.3ft)
Max. discharge head	20M (65.6ft)	
Max. unit output	28kw / 95,550Btu/h	46kw / 157,000Btu/h
Safety switch	3A Normally closed	
Max. water temperature	70°C	
Discharge tube	6mmID	
Class	II appliance	
Rated	Continuous	
LxWxH	164mm x 70mm x 106mm	
Warranty	1 year	

TYPICAL PERFORMANCE <



> IN THE BOX

- 1 Assembled MPC PUMP
- 2 6mm i/d vinyl tube
- 3 Assembled Inline reservoir
- 4 1.5m length of 6mm i/d vinyl tube
- 5 Inlet tube
- 6 6 pin socket lead assembly
- 7 Self adhesive velcro strips x 2
- 8 4 x 200mm x 4mm cable ties
- 9 Check valve
- 10 Anti-siphon valve



DIMENSION <

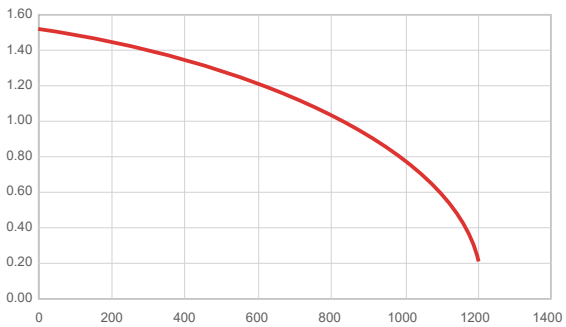
PC-DC



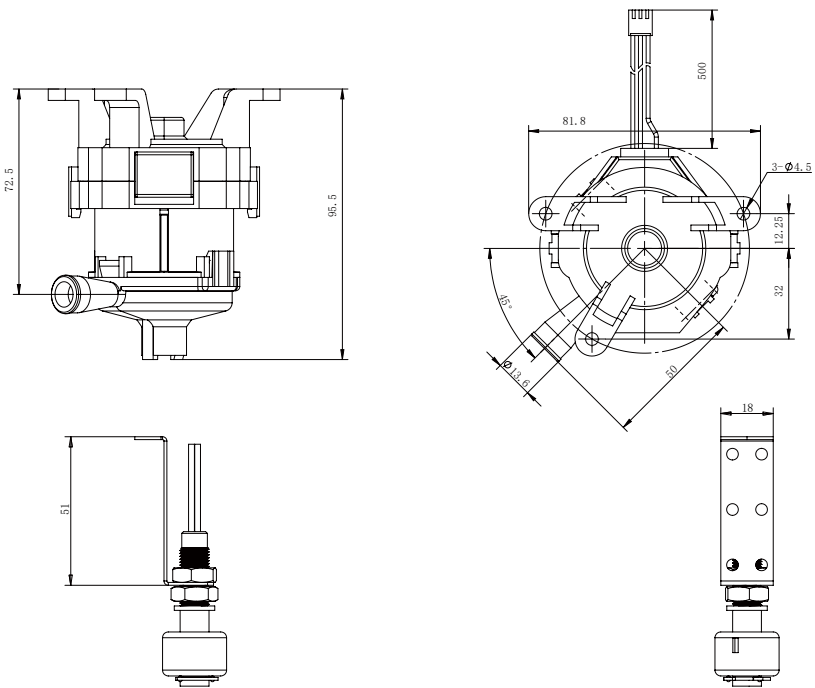
> TECHNICAL DATA

TYPICAL PERFORMANCE <

- Max. flow rate: 70L/h
- Rated voltage: DC12V(1±10%)
- Rated max head: 1.2M
- Water level: 10mm
- Input power: 2.4W(1±10%)
- Rated flow rate: >550ml/min



> DIMENSION



PC-AC



> TECHNICAL DATA

TECHNICAL DATA <

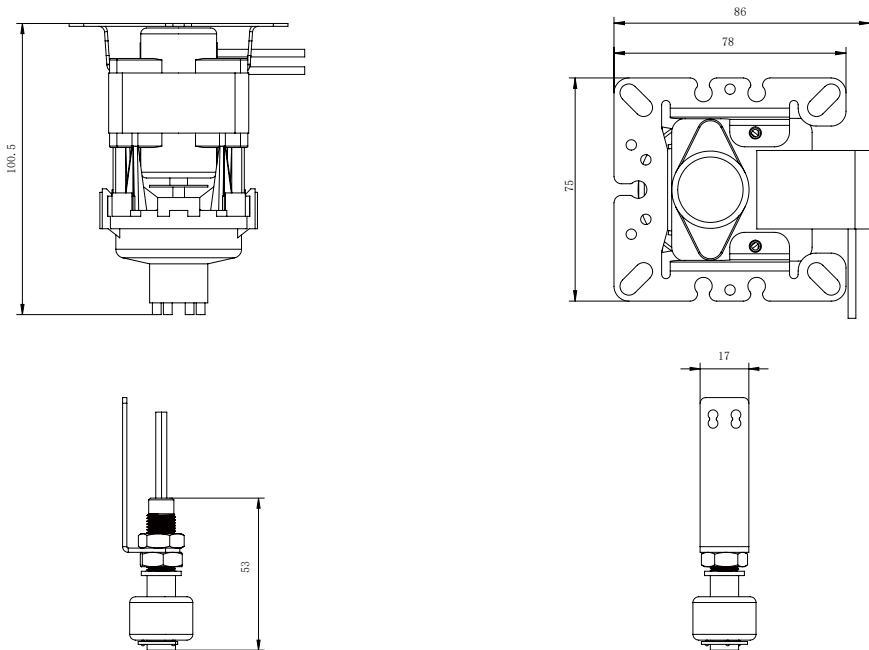
PC-AC40

- Max. flow rate: 40L/h
- Max. discharge height: 95cm
- Power supply: 230V-50/60 Hz≤8W
- Alarm contact: NC 50 VA resistive-250V
- Input power: impedance protection
- Alarm level: 18mm
- Sound level at 1 m: ≤30dBA

PC-AC70

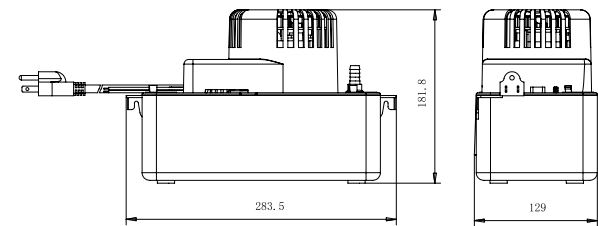
- Max. flow rate: 70L/h
- Max. discharge height: 95cm
- Power supply: 230V-50/60 Hz≤8W
- Alarm contact: NC 50 VA resistive-250V
- Input power: impedance protection
- Alarm level: 18mm
- Sound level at 1 m: ≤35dBA

> DIMENSION



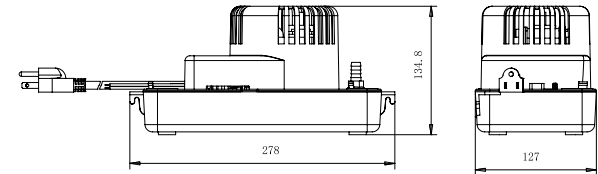
TANK-V

Tank capacity: 2.2L (0.6 gallon)



TANK-L

Tank capacity: 1.1L (0.3 gallon)



Model	Voltage(V)	Frequency(Hz)	Current(A)	Power(W)	Max. flow	Max. discharge head
RTP15WS115V RTP15WS115L	115	60	1.0	60	66GPH (250L/H)	15'/4.6M
RTP20WS115V RTP20WS115L	115	60	1.5	85	80GPH (303L/H)	20'/6.1M
RTP22WS115V RTP22WS115L	115	60	1.85	100	145GPH (550L/H)	22'/6.7M
RTP24WS115V RTP24WS115L	115	60	2.2	110	153GPH (580L/H)	24'/7.3M
RTP15WS230V RTP15WS230L	230	60	0.45	50	66GPH (250L/H)	15'/4.6M
RTP20WS230V RTP20WS230L	230	60	0.55	75	80GPH (303L/H)	20'/6.1M
RTP22WS230V RTP22WS230L	230	60	1.0	100	145GPH (550L/H)	22'/6.7M
RTP24WS230V RTP24WS230L	230	60	1.1	110	153GPH (580L/H)	24'/7.3M
RTP15WS230V RTP15WS230L	230	50	0.6	60	251L/H	4M
RTP20WS230V RTP20WS230L	230	50	0.7	85	265L/H	4.5M
RTP22WS230V RTP22WS230L	230	50	1.2	115	268L/H	5M
RTP24WS230V RTP24WS230L	230	50	1.3	125	352L/H	5.5M

TANK-X

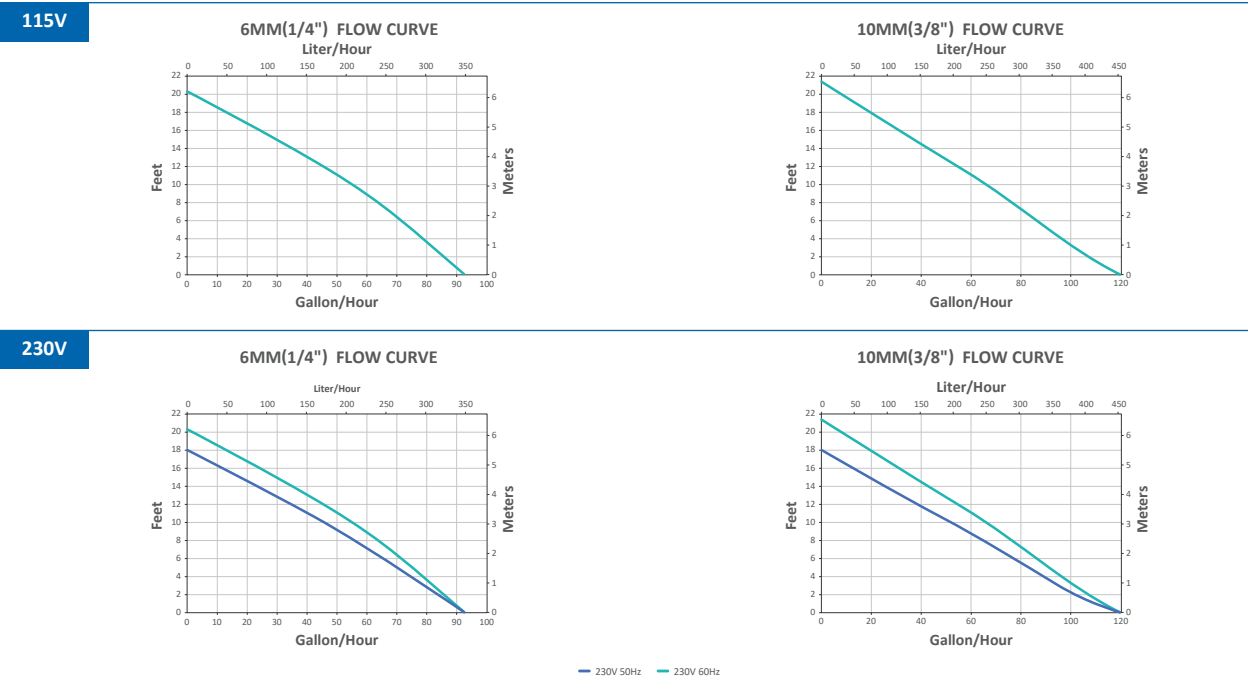
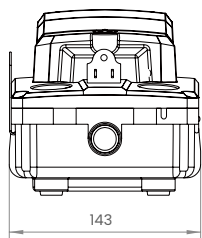
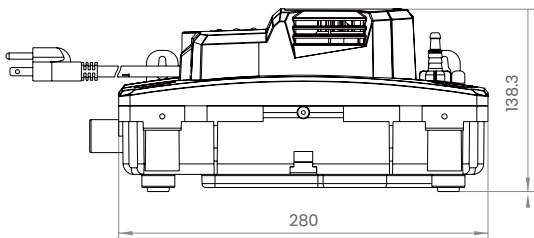
CONDENSATE PUMP

- Lower chamber design to minimize mold growth
- 3 LED Indicator for Operational Status
- Discharge tube compatible with both 3/8" & 1/4"
- Optional dual alarm system for enhanced safety and reliability.
- 0.45 Gallon Rustproof, High Impact ABS Tank
- 4 inlets plus 1 extra horizontal inlet 1.1"
- 2 year warranty



- Max. flow 460L/H , (122GPH)
- Sound level < 35dB@1M(3.3ft)
- Max. discharge head 6.1 M(20ft)

> IN THE BOX



Model	Voltage(V)	Frequency(Hz)	Current(A)	Power(W)	Max. flow	Max. discharge head
TKX20WS115	115	60	1.4	75	122GPH (460L/H)	20'/6.1M
TKX20WS230	230	60	0.7	75	122GPH (460L/H)	20'/6.1M
	230	50	0.8	75	122GPH (460L/H)	18'/5.5M

INLINE RESERVOIR

IR

Assembled inline reservoir

ANTI-SIPHON JOINT

ASJ

Prevents siphoning, reducing air suction noise and bubbling

INLET FILTER

IF

Helps trap debris and reduce microbial buildup

PU FILTER

PF

Protects the pump from debris and particles

PLASTIC CABLE TIES

PCT

Hold tubes firmly in place to prevent movement, vibration, and sagging.

VINYL TUBING

VT

Flexible, corrosion-resistant and aging-resistant, safe and non-toxic; Customizable diameter and lengths

CHECK VALVE

CV

Unidirectional adaptor

MAGNET FLOAT

MF

Used in Mute & Box Series Pumps

L-SHAPED INLET HOSE

LSIH

Flexible 90° inlet connector designed for various installations

INLET HOSE

IH

Customizable Lengths per Request

1A FUSE

FU

Provides overcurrent protection to safeguard the pump