

















EASI-FLO SERIES CONDENSATE REMOVAL PUMPS

for Air Conditioners



Product Lineup









For Residential & Light Commercial

| Capacity | 1.0 HP | 1.5 HP | 2.0 HP | 2.5 HP |
|------------------------------|--|--|---|--|
| Application | FOR RESIDENTIAL USE | | | |
| Easi-Flo II PB10245 (SP) |  |  |  |  |
| Easi-Flo 22 PB20245 (SP) |  |  |  |  |
| Easi-Flo 33 PF10245 (SP) |  |  |  |  |
| Easi-Flo 55 PF20245 (SP) |  |  |  |  |
| Easi-Flo 100 PE60245 (SP) | | | | |

For Commercial

| Capacity | 7.0 HP | 8.0 HP | 9.0 HP | 10.0 HP | 11.0 HP | 12.0 HP |
|-----------------------------|---|---|---|--|---|---|
| Application | FOR COMMERCIAL USE | | | | | |
| Easi-Flo 100 PE60245(SP) |  |  |  |  | | |
| Easi-Flo 200 PH71245(SP) | | | |  |  |  |

| 3.0 HP | 3.5 HP | 4.0 HP | 5.0 HP | 6.0 HP |
|---|---|---|--|---|
| FOR LIGHT COMMERCIAL USE | | | | |
|  |  |  |  |  |
|  |  |  |  |  |
|  | | | | |
|  | | | | |
|  |  |  |  |  |

| 13.0 HP | 14.0 HP | 15.0 HP | 16.0 HP | 17.0 HP | 18.0 HP | 19.0 HP | 20.0 HP |
|---|---|---|---|---|--|---|---|
| FOR COMMERCIAL USE | | | | | | | |
| | | | | | | | |
|  |  |  |  |  |  |  |  |

Product Feature

Exclusively Cater All Levels Of Needs

As a pioneer of drainage pump in Malaysia air conditioning industry, Acson Malaysia offers full range of air conditioner drainage pumps from which cover 1 - 20HP to cope with different needs and requirements.

Be it a residential, light commercial or commercial type of air conditioners, Acson drainage pump can sophisticatedly fulfill the needs of users.



Full Range Products from 1HP to 20HP



Easi-Flo II



Easi-Flo 22



Easi-Flo 33



Easi-Flo 55



Easi-Flo 100



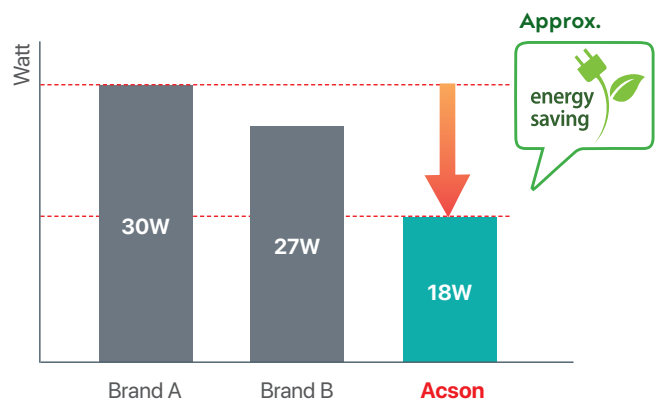
Easi-Flo 200



Energy Saving

Energy conservation is a collective effort achieved by using energy more efficiently.

Acson drainage pumps are the perfect choice to solve your air conditioner condensate issue as they are more energy efficient while maintaining the top performance.



Trustworthy Service

Based on more than 30 years of service experience, Acson Malaysia has strategically developed a comprehensive service process from pre-sales supports to after-sales services. We provide professional and insightful solutions that best meet customers' needs and interests.

Specification

| Model | Easi-Flo II | Easi-Flo 22 | Easi-Flo 33 | Easi-Flo 55 | Easi-Flo 100 | Easi Flo 200 |
|---|-----------------|-------------|-----------------|-----------------|-----------------|-----------------|
| Part No | PB10245(SP) | PB20245(SP) | PF10245(SP) | PF20245(SP) | PE60245(SP) | PH71245(SP) |
| Power Rating | AC240V/ 50Hz | | AC240V/ 50Hz | | AC240V/ 50Hz | |
| Power Consumption (W) | 18 | 18 | 18 | 14 | 58 | 68 |
| Unit Dimension HxWxD (mm) | 150 x 190 x 110 | | 140 x 180 x 102 | 135 x 180 x 102 | 140 x 250 x 110 | 168 x 290 x 128 |
| Net Weight (kg) | 1.7 | 1.7 | 1.5 | 1.4 | 1.8 | 2.2 |
| Pump Lift (m) | 3 | 3 | 2.5 | 2.5 | 5 | 5.5 |
| Max Flow Rate (Litre/min) | 2 | 2 | 1.8 | 1.6 | 2.5 | 7 |
| Sound Level (dB) | 43 | 43 | 39 | 39 | 50 | 50 |
| Tank Volume (ml) | 600 | 600 | 400 | 400 | 850 | 1500 |
| Drain Tube Inner Diameter (mm) | 4 | 4 | 4 | 4 | 4 | 9.5 |
| Drain Tube Outer Diameter (mm) | 6 | 6 | 6 | 6 | 6 | 11.5 |
| Max Air Conditioner Drain Pipe Diameter (mm) | 25 | 25 | 20 | 20 | 20 | 30 |
| Max Drain Tube Length (m) | 10 | 10 | 10 | 10 | 15 | 15 |
| Max Drain Tube Elevation (m) | 2 | 2 | 1.5 | 1.5 | 4 | 4 |

Feature & Accessories

| Model Name | Easi-Flo II | Easi-Flo 22 | Easi-Flo 33 | Easi-Flo 55 | Easi-Flo 100 | Easi-Flo 200 |
|------------------------------------|-------------|-------------|-------------|-------------|--------------|--------------|
| Float Control | | | | | | |
| PCB with Optical Sensor | • | | | | | |
| Mechanical Float Switch | | • | • | • | • | • |
| Drain Tube | | | | | | |
| Anti Fungus PE Tube | • | • | • | • | • | |
| PVC Tube | | | | | | • |
| Mechanism & Operation | | | | | | |
| Operating Indicator | • | | | | | |
| Overflow Indicator | • | | | | | |
| Overflow Safety Switch | | | | | • | • |
| Thermal Protector | | | | | • | • |
| Temperature Fuse | • | • | • | • | | |
| Fire Retardant Material | • | • | • | • | • | • |
| UL Certified Power Cord | • | • | • | • | • | • |
| Accessories | | | | | | |
| Durable Metal Installation Bracket | • | • | • | • | • | • |
| Built-in Duckbill Check Valve | | | | | • | • |
| Duckbill Check Valve (Optional) | | | | • | | |
| Anti-fungus PVC Tube (5 meter) | • | • | • | • | • | |
| Anti-fungus PVC Tube (10 meter) | | | | | | • |

Remark:

1. Installation and maintenance should be performed by qualified persons who are familiar with local code and regulation, and experienced with this type of appliance.
2. All field wiring must be installed in accordance with the national wiring regulation.
3. When the pipe length becomes too long, both the capacity and reliability drop.
4. As the number of bends increase, resistance to flow of water increases, thus lowering drainage capacity and as a result the drainage may become inefficient.
5. Always choose the shortest path and follow the recommendation as tabulated in the Installation Manual.

RESIDENTIAL & LIGHT COMMERCIAL

EASI-FLO II

In HVAC and refrigeration processes, the condensate water need to be channeled out from the building. Condensation often occurred when air passed though evaporator coil during the process of cooling.

As a pioneer in air conditioner drainage pump industry, Easi-Flo II is designed and produced for safety according to the industry standards. It is incorporated with patented Shock Absorber System that reduce the noise and vibration to the lowest level possible.

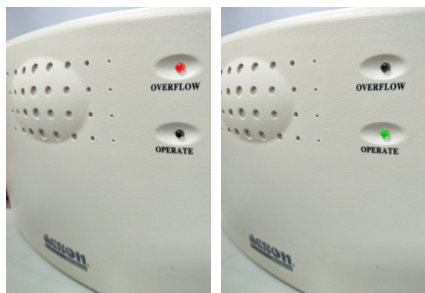
Easi-Flo II is equipped with waterproof Printed Circuit Board (PCB), Operating Indicator and Overflow Indicator for safe and precise electronic float control. Build with high impact ABS tank material, the leak-proof and rustproof design make Easi-Flo II a powerful pump to eliminate all the condensate water effortlessly.



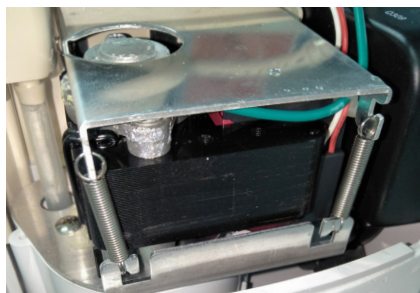
| | |
|---------------------|--------------------|
| Model Name | Easi-Flo II |
| Power Rating | AC240V/ 50Hz |
| Power Consumption | 18W |
| Practical Pump Lift | 2.5 m |
| Outlet Tube | ø4 × 6mm |
| Dimension (HxWxD) | 150 x 190 x 110 mm |



Product Feature



Operating LED Light (Green) and overflow LED light (Red)



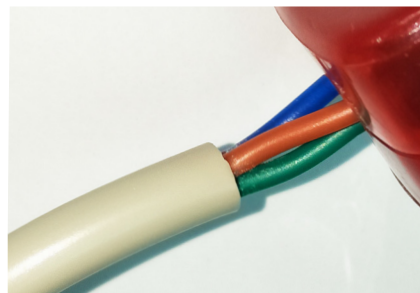
Incorporated with patented Shock Absorber System



Specially designed water outlet enable higher drainage efficiency



Water pipe positioning column at the water inlet ensuring smooth flow



Three core wire ensures electrical safety



Waterproof PCB for safe and precise electronic float control

International Safety Standards Compliance

- Comply with international electrical appliances safety standards.
- UL certified fire retardant material (UL94V-0).





Applications

Easi-Flo II is suitable for wall mounted split type air conditioners for residential use, as well as light commercial applications.

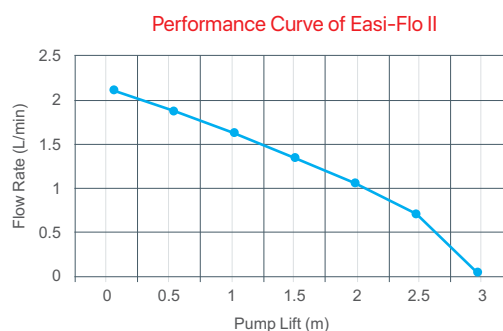


Accessories

| | |
|--|---|
| Standard Installation Kit consisted of durable metal mounting bracket, plastic anchors and installation screws |  |
| Rain Hose (5 Meter Length) |  |

Performance

It is advisable to install Acson drainage pump at its practical pump lift instead of maximum pump lift to prevent water overflow.



RESIDENTIAL & LIGHT COMMERCIAL

EASI-FLO 22 **EASI-FLO 33** **EASI-FLO 55**

Also, Acson offered Easi-Flo 22,33 & 55 which is suitable for residential and light commercial application. It provided flow rate up to 2 litre/min with water tank volume up to 600 ml.



| | | | |
|---------------------|--------------------|--------------------|--------------------|
| Model Name | Easi-Flo 22 | Easi-Flo 33 | Easi-Flo 55 |
| Power Rating | AC240V/ 50Hz | | |
| Power Consumption | 18W | 18W | 14W |
| Practical Pump Lift | 2.5 m | 2.0 m | 2.0 m |
| Outlet Tube | ø4×6mm | ø4×6mm | ø4×6mm |
| Dimension (HxWxD) | 150 x 190 x 110 mm | 140 x 180 x 102 mm | 135 x 180 x 102 mm |



Product Feature

- Improved impeller design that boost the drainage efficiency.
- Built-in temperature fuse ensure the safety of users.
- Durable metal installation bracket provides strongest support to the unit.
- Three core wire provides electrical safety.

International Safety Standards Compliance

- Comply with international electrical appliances safety standards.
- UL certified fire retardant material (UL94V-0).



Easi-Flo 22



Easi-Flo 33

Applications

Easi-Flo 22 is suitable for both residential and light commercial applications.

Easi-Flo 33 and 55 are perfect for wall mounted split type air conditioners.

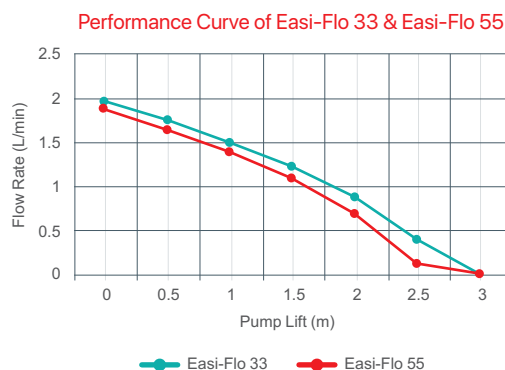
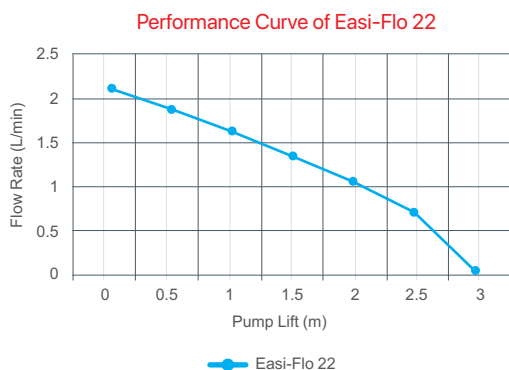
Accessories

* Only applicable for Easi-Flo 55.

| Standard Installation Kit consisted of durable metal mounting bracket, plastic anchors and installation screws | Rain Hose (5 Meter Length) | Duckbill Check Valve* |
|--|----------------------------|-----------------------|
| | | |

Performance

It is advisable to install Acson drainage pump at its practical pump lift instead of maximum pump lift to prevent water overflow.



COMMERCIAL

EASI-FLO 100

EASI-FLO 200

Acson also offered Easi-Flo 100 & 200 which is suitable for light commercial and commercial application. It provided flow rate up to 7 litre/min with water tank volume up to 1500 ml



Easi-Flo 100



Easi-Flo 200

| Model Name | Easi-Flo 100 | Easi-Flo 200 |
|-------------------|--------------------|--------------------|
| Power Rating | AC240V/ 50Hz | |
| Power Consumption | 58W | 68W |
| Maximum Pump Lift | 5.0 m | 5.5 m |
| Outlet Tube | ø4×6mm | ø4×6mm |
| Dimension (HxWxD) | 140 x 250 x 110 mm | 168 x 290 x 128 mm |



Product Feature

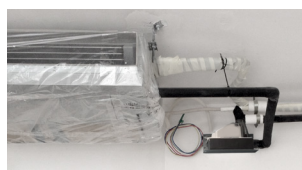
- Wide range of applications including residential and commercial type of air conditioners.
- Easy installation with multiple inlet holes available.
- Three core wire provides electrical safety.
- Built-in Overflow Safety Switch and Duckbill Check Valve ensure one way water flow and prevent backflow operations.
- Built-in thermal protector to prevent the motor from overheating.

International Safety Standards Compliance

- Comply with international electrical appliances safety standards.
- UL certified fire retardant material (UL94V-0).



Wall Mounted



Ceiling Concealed



Floor Standing






Ceiling Exposed

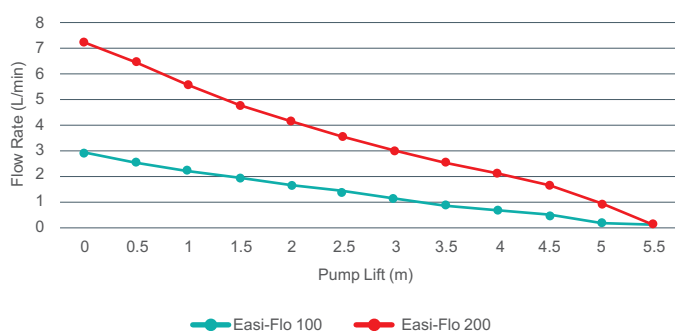
Applications

Easi-Flo 100 and Easi-Flo 200 are perfect for both residential and light commercial applications. For example, wall mounted, floor standing, ceiling cassette, ceiling concealed and ceiling exposed units. They are also compatible with larger commercial type air conditioners such as ducted blower and fan coil units.

Accessories

| 5 Meters Length Drain Hose (For Easi-Flo 100) 10 Meters Length Drain Hose (For Easi-Flo 200) | Mounting Bracket (Optional) | Silicon Connector & Fastener* |
|---|---|---|
|  |  |  |

Performance Curve of Easi-Flo 100 & Easi-Flo 200



Performance

It is advisable to install Acson drainage pump at its practical pump lift instead of maximum pump lift to prevent water overflow.



ACSON MALAYSIA SALES & SERVICE SDN.BHD.

a member of DAIKIN group

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