

# Residential Products Price List

2022



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# ECP-SERIES WET ROTOR, FREQUENCY CONTROLLED, CIRCULATING PUMPS

**ETNA®**

Domestic Products



**ECP 25-6-130 & ECP 25-6-180**



**ECP 25-6-180 Bronze & ECP 32-10-180 Bronze**



**ECP 25-10-180 & ECP 32-10-180**

- Frequency-controlled circulating pumps in line with Ecodesign-ErP 2009/125/EC.
- Manufactured to circulate hot water in heating systems.
- **Easy installation and commissioning:** The pump does not require any setup in addition to factory-settings.
- **High comfort:** Low operating noise
- **Low power consumption:** Consumes less power compared to conventional 3-speed circulators.

## Pump Properties

|                       |                    |
|-----------------------|--------------------|
| <b>Pump Casing</b>    | Cast Iron / Bronze |
| <b>Fan (Impeller)</b> | Plastic            |
| <b>Shaft</b>          | Ceramic            |

## Technical Specifications

|  |  |
|--|--|
| <b>Distance Between Pipe Couplings</b> | 130/ 180 mm  |
| <b>Electrical Connection</b>           | Socket connection  |
| <b>Engine Technology</b>               | Permanent magnetic, compact rotor technology                     |
| <b>EEI Value</b>                       | <= 0,23 (in accordance with ecodesign-ErP 2009/125/EC directive) |
| <b>Nominal Pressure</b>                | PN16   |
| <b>Installation Connection</b>         | Threaded connection// G 1 1/2 - Rp 1                             |
| <b>Electrical Supply</b>               | 220 V  |
| <b>Frequency</b>                       | 50 Hz  |
| <b>Protection Class</b>                | IP 44  |
| <b>Insulation Class</b>                | F  |
| <b>Automation Connection</b>           | The communication protocol is unavailable.                       |
| <b>Noise Level</b>                     | <= 45 dB(A)  |
| <b>Fluid Temperature</b>               | 2 - 110 °C clean, non-aggressive chemically neutral water.       |

| INVENTORY CODE | MODEL               | Qmax | Hmax | Length | Fitting Diameter | Pipe Diameter | Equivalent Model  | Recommended Consumer Price |
|----------------|---------------------|------|------|--------|------------------|---------------|---|----------------------------|
|                |                     | m³/h | mwc  |        | inch             | inch          |   |                            |
| ETN 006 150    | ECP 25-6-130        | 3.0  | 6.0  | 130    | 1 1/2"           | 1"            | EVOSTA2 40-70/130 - DAB<br>VA 35/130 - DAB<br>VA 65/130 - DAB | <b>137 USD</b>             |
| ETN 006 151    | ECP 25-6-180        | 3.5  | 6.0  | 180    | 1 1/2"           | 1"            | YONOS PICO 25/1-6-WILO<br>RS25/6-130-180 - WILO               | <b>137 USD</b>             |
| ETN 006 153    | ECP 25-6-180 Bronze | 3.5  | 6.0  | 180    | 1 1/2"           | 1"            | YONOS MAXO Z 25/0,5-7-WILO<br>STAR Z 25/6 - WILO              | <b>180 USD</b>             |
| ETN 006 152    | ECP 25-10-180       | 9.0  | 10.0 | 180    | 1 1/2"           | 1"            | EVOPLUS 110/180 M - DAB<br>A110/180M - DAB                    | <b>239 USD</b>             |

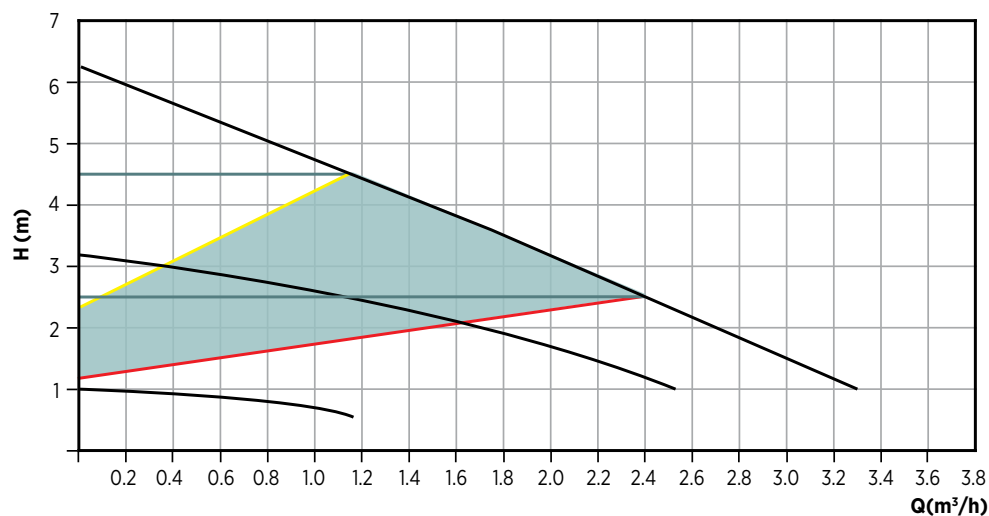
**Note: 1 1/2" - 1" fitting set included.**

| INVENTORY CODE | MODEL                | Qmax | Hmax | Length | Fitting Diameter | Pipe Diameter | Equivalent Model   | Recommended Consumer Price |
|----------------|----------------------|------|------|--------|------------------|---------------|--|----------------------------|
|                |                      | m³/h | mwc  |        | inch             | inch          |  |                            |
| ETN 006 160    | ECP 32-10-180        | 9.0  | 10.0 | 180    | 2"               | 1 1/4"        | EVOPLUS60/180 XM - DAB<br>A50/180 XM - DAB<br>A56/180 XM - DAB<br>EVOPLUS80/180 XM - DAB<br>A80/180 XM - DAB | <b>241 USD</b>             |
| ETN 006 161    | ECP 32-10-180 Bronze | 9.0  | 10.0 | 180    | 2"               | 1 1/4"        | EVOPLUS 110/180 XM SAN - DAB<br>YONOS MAXO-Z 25/0,5-10 - WILO  | <b>271 USD</b>             |

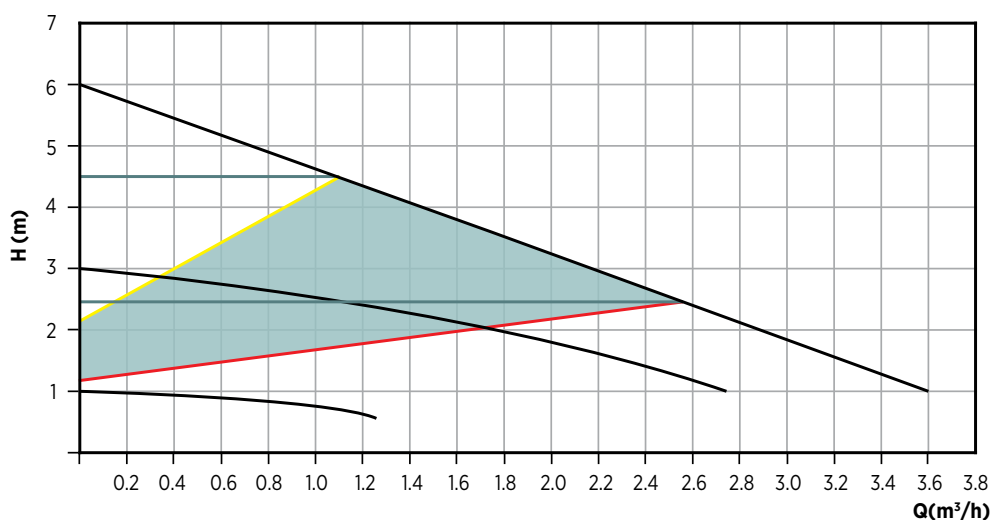
**Note: 2" - 1 1/4" fitting set included.**

# ECP SERIES PERFORMANCE CURVES

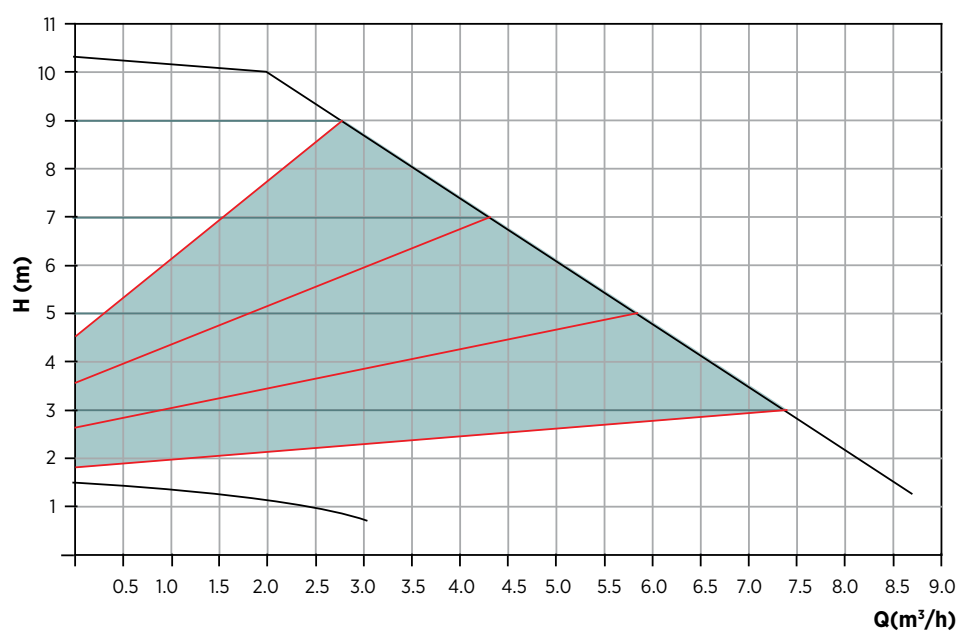
**ECP 25-6-130**



**ECP 25-6-180 & ECP 25-6-180 Bronze**



**ECP32-10-180 & ECP25-10-180 & ECP32-10-180 BRONZE**



## PERIPHERAL PUMPS (ETN SERIES)



- Can be used with clean, solid particle free, chemically neutral water.
- With its durability, compact form and affordability, it can be used for pressurized water supply and garden irrigation systems of small residential buildings (such as villas and single-double story houses).
- Required to be stored and used in indoors, protected from direct precipitation.

| Pump Properties |                 |
|-----------------|-----------------|
| <b>Casing</b>   | Cast iron       |
| <b>Impeller</b> | Brass           |
| <b>Shaft</b>    | Stainless Steel |
| <b>Seal</b>     | Mechanical      |

QB 60

QB 80

| INVENTORY CODE | MODEL  | VOLTAGE V | POWER Hp | CONNECTION |           | m³/h<br>L/min<br>Hm (mwc) | 0  | 0.6 | 1.2 | 1.8 | 2.4 | 3  | 3.6 | RECOMMENDED PRICE |
|----------------|--------|-----------|----------|------------|-----------|---------------------------|----|-----|-----|-----|-----|----|-----|-------------------|
|                |        |           |          | Suction    | Discharge |                           | 0  | 10  | 20  | 30  | 40  | 50 | 60  |                   |
| ETN 005 000    | ETN 60 | 220       | 0.5      | 1"         | 1"        | Hm (mwc)                  | 36 | 33  | 27  | 19  | 5   | -  | -   | <b>74 USD</b>     |
| ETN 005 001    | ETN 80 | 220       | 1        | 1"         | 1"        |                           | 60 | 55  | 50  | 42  | 32  | 20 | 5   | <b>110 USD</b>    |

## SELF-PRIMING, CAST-CASING, JET PUMPS (ETN JET SERIES)



- Can be used with clean, solid particle free, chemically neutral water.
- With its durability, compact form and affordability, it can be used for pressurized water supply and garden irrigation systems of small residential buildings (such as villas and single-double story houses).
- Allows suction from wells and water tanks up to a depth of 8 meters.
- Continues to discharge water with the venturi mechanism in its casing even when there is cavitation in the suction pipe.
- Required to be stored and used in indoors, protected from direct precipitation.

| Pump Properties |                 |
|-----------------|-----------------|
| <b>Casing</b>   | Cast iron       |
| <b>Impeller</b> | Brass           |
| <b>Shaft</b>    | Stainless Steel |
| <b>Seal</b>     | Mechanical      |

**Note:** Suction down to 8m deep.

JSWm75

JSWm110

| INVENTORY CODE | MODEL       | VOLTAGE V | POWER Hp | CONNECTION |           | m³/h<br>L/min<br>Hm (mwc) | 0  | 0.9 | 1.8 | 2.7 | 3.6 | 4.5 | 5.4 | 6.3 | RECOMMENDED PRICE |
|----------------|-------------|-----------|----------|------------|-----------|---------------------------|----|-----|-----|-----|-----|-----|-----|-----|-------------------|
|                |             |           |          | Suction    | Discharge |                           | 0  | 15  | 30  | 45  | 60  | 75  | 90  | 105 |                   |
| ETN 005 010    | ETN JET 100 | 220       | 1        | 1"         | 1"        | Hm (mwc)                  | 46 | 44  | 40  | 34  | 27  | 17  | 7   | -   | <b>144 USD</b>    |
| ETN 005 012    | ETN JET 150 | 220       | 1.5      | 1"         | 1"        |                           | 52 | 49  | 45  | 39  | 33  | 25  | 14  | 3   | <b>168 USD</b>    |

JSWm3BM

| INVENTORY CODE | MODEL      | VOLTAGE V | POWER Hp | CONNECTION |           | m³/h<br>L/min<br>Hm (mwc) | 0  | 1.5 | 3  | 4.5 | 6   | 7.5 | 8.5 | RECOMMENDED PRICE |
|----------------|------------|-----------|----------|------------|-----------|---------------------------|----|-----|----|-----|-----|-----|-----|-------------------|
|                |            |           |          | Suction    | Discharge |                           | 0  | 25  | 50 | 75  | 100 | 125 | 140 |                   |
| ETN 005 013    | ETN JET200 | 220       | 2        | 1 1/4"     | 1"        | Hm (mwc)                  | 60 | 55  | 49 | 41  | 31  | 26  | 7   | <b>233 USD</b>    |

## SELF-PRIMING, STAINLESS STEEL, JET PUMP (ETN JET INOX 100 SERIES)



- Can be used with clean, solid particle free, chemically neutral water.
- With its durability, compact form and affordability, it can be used for pressurized water supply and garden irrigation systems of small residential buildings (such as villas and single-double story houses).
- Allows suction from wells and water tanks up to a depth of 8 meters.
- Continues to discharge water with the venturi mechanism in its casing even when there is cavitation in the suction pipe.
- Required to be stored and used in indoors, protected from direct precipitation.

| Pump Properties |                 |
|-----------------|-----------------|
| <b>Casing</b>   | Stainless Steel |
| <b>Impeller</b> | Noryl           |
| <b>Shaft</b>    | Stainless Steel |
| <b>Seal</b>     | Mechanical      |

**Note:** Suction down to 8m deep.

GJSm800

| INVENTORY CODE | MODEL           | VOLTAGE V | POWER Hp | CONNECTION |           | m³/h<br>L/min<br>Hm (mwc) | 0  | 0.6 | 1.2 | 1.8 | 2.4 | 3  | 3.6 | RECOMMENDED PRICE |
|----------------|-----------------|-----------|----------|------------|-----------|---------------------------|----|-----|-----|-----|-----|----|-----|-------------------|
|                |                 |           |          | Suction    | Discharge |                           | 0  | 10  | 20  | 30  | 40  | 50 | 60  |                   |
| ETN 005 011    | ETN JETINOX 100 | 220       | 1.1      | 1"         | 1"        | Hm (mwc)                  | 42 | 40  | 37  | 33  | 27  | 18 | 5   | <b>149 USD</b>    |

- Centrifugal pumps do not necessitate initial operation by the authorized service.
- The service may perform the initial operation for a price, if requested.



## SINGLE - DOUBLE STAGE CENTRIFUGAL PUMPS (ETN SCT SERIES)



- Single-stage pumps used in residential water booster systems. Takes up a small space with its monobloc structure, and highly affordable.

### Pump Properties

|                 |                 |
|-----------------|-----------------|
| <b>Casing</b>   | Cast iron       |
| <b>Impeller</b> | Brass           |
| <b>Shaft</b>    | Stainless Steel |
| <b>Seal</b>     | Mechanical      |

| INVENTORY CODE | MODEL       | VOLTAGE V | POWER Hp | CONNECTION |           | m³/h<br>L/min | 0  | 1.2 | 2.4 | 3.6 | 4.8 | 5.8 | 7.2 | RECOMMENDED PRICE |
|----------------|-------------|-----------|----------|------------|-----------|---------------|----|-----|-----|-----|-----|-----|-----|-------------------|
|                |             |           |          | Suction    | Discharge |               | 0  | 20  | 40  | 60  | 80  | 100 | 120 |                   |
| ETN 005 040    | ETN SCT 100 | 220       | 1        | 1"         | 1"        | Hm (mwc)      | 32 | 31  | 30  | 27  | 22  | 15  | 12  | <b>141 USD</b>    |

CPm158



- Can be used with clean, solid particle free, chemically neutral water.
- Double-stage centrifugal pumps which may be used in pressurized water supply and garden irrigation systems required in residential, industrial and agricultural applications.
- Required to be stored and used in indoors, protected from direct precipitation.
- Three-phase model is required to be used with a protection-pump controller.

### Pump Properties

|                 |                 |
|-----------------|-----------------|
| <b>Casing</b>   | Cast iron       |
| <b>Impeller</b> | Brass           |
| <b>Shaft</b>    | Stainless Steel |
| <b>Seal</b>     | Mechanical      |

| INVENTORY CODE | MODEL       | VOLTAGE V | POWER Hp | CONNECTION |           | m³/h<br>L/min | 0  | 1.5 | 3  | 4.25 | 6   | 7.5 | 9   | 10.5 | 11  | 12  | RECOMMENDED PRICE |
|----------------|-------------|-----------|----------|------------|-----------|---------------|----|-----|----|------|-----|-----|-----|------|-----|-----|-------------------|
|                |             |           |          | Suction    | Discharge |               | 0  | 25  | 50 | 75   | 100 | 125 | 150 | 175  | 180 | 200 |                   |
| ETN 005 031    | ETN SCT 200 | 220       | 2        | 1 1/2"     | 1"        | Hm (mwc)      | 50 | 47  | 42 | 37   | 32  | 23  | 15  | 11   | 9   | 3   | <b>277 USD</b>    |

2CPm25/160B

## HORIZONTAL, MULTI-STAGE, CENTRIFUGAL PUMPS (ETN YP SERIES)



- Can be used with clean, solid particle free, chemically neutral water.
- Suitable for water booster and garden irrigation systems with high pressure demands due to its centrifugal, horizontal and multi-stage design.
- Required to be stored and used in indoors, protected from direct precipitation.

### Pump Properties

|                 |                 |
|-----------------|-----------------|
| <b>Casing</b>   | Stainless Steel |
| <b>Impeller</b> | Noryl           |
| <b>Shaft</b>    | Stainless Steel |
| <b>Seal</b>     | Mechanical      |

| INVENTORY CODE | MODEL     | VOLTAGE V | POWER Hp | CONNECTION |           | m³/h<br>L/min | 0  | 0.6 | 1.2 | 2.4 | 3.6 | 4.2 | 4.8 | 6   | 6.6 | RECOMMENDED PRICE |
|----------------|-----------|-----------|----------|------------|-----------|---------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------|
|                |           |           |          | Suction    | Discharge |               | 0  | 10  | 20  | 40  | 60  | 70  | 80  | 100 | 110 |                   |
| ETN 005 020    | ETN YP 60 | 220       | 1.5      | 1 1/4"     | 1"        | Hm (mwc)      | 62 | 60  | 57  | 50  | 43  | 37  | 31  | 18  | 12  | <b>267 USD</b>    |
| ETN 005 021    | ETN YP 90 | 220       | 2.3      | 1 1/4"     | 1"        |               | 98 | 96  | 93  | 83  | 70  | 64  | 55  | 33  | 20  | <b>296 USD</b>    |

5CPm100

8CPm100

- Centrifugal pumps do not necessitate initial operation by the authorized service.
- The service may perform the initial operation for a price, if requested.

## PLASTIC-CASING, SEWAGE PUMPS (WITH FLOAT SWITCH) (EFP T & EFP K SERIES)

**ETNA®**



- Can be used with clean or slightly contaminated, chemically neutral water which does not contain extreme amounts of solid particles.
- With its durability, compact form and affordability, it can be used as a sewage pump in parking spaces, pools etc. of small residential buildings, and in garden irrigation systems.

### Pump Properties

|                 |                 |
|-----------------|-----------------|
| <b>Casing</b>   | Plastic         |
| <b>Impeller</b> | Plastic         |
| <b>Shaft</b>    | Stainless Steel |

**T:** indicates slightly polluted water.

**K:** indicates polluted water.

**Note:** Original protection - pump controller should be used with sewage pumps. The damages which may arise when original panels are not used are not covered by warranty.

|        | INVENTORY CODE | MODEL    | VOLTAGE V | POWER Hp | DISCHARGE DIAMETER | m³/h<br>L/min | 0   | 1.5 | 3   | 4.5 | 6   | 6.6 | 7.5 | 9   | 10.5 | 12.5 | RECOMMENDED PRICE |
|--------|----------------|----------|-----------|----------|--------------------|---------------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-------------------|
|        |                |          |           |          |                    |               | 0   | 25  | 50  | 75  | 100 | 110 | 125 | 150 | 175  | 208  |                   |
| GP401F | ETN 003 031    | EFP-040T | 220       | 0.55     | 1"                 | Hm            | 7.5 | 7.2 | 6.2 | 4.7 | 3   | 1.5 | -   | -   | -    | -    | <b>74 USD</b>     |
| GP751F | ETN 003 042    | EFP-075T | 220       | 1        | 1"                 | (mwc)         | 8.5 | 8.3 | 8   | 7.5 | 6.7 | 6.3 | 6   | 5   | 3.5  | 1.2  | <b>91 USD</b>     |

|        | INVENTORY CODE | MODEL    | VOLTAGE V | POWER Hp | DISCHARGE DIAMETER | m³/h<br>L/min | 0 | 1.5 | 3   | 4.5 | 6   | 6.6 | 7.5 | 9   | 10.5 | 13  | RECOMMENDED PRICE |
|--------|----------------|----------|-----------|----------|--------------------|---------------|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-------------------|
|        |                |          |           |          |                    |               | 0 | 25  | 50  | 75  | 100 | 110 | 125 | 150 | 175  | 217 |                   |
| GP750F | ETN 003 030    | EFP-075K | 220       | 1        | 1"                 | Hm (mwc)      | 8 | 7.5 | 7.2 | 6.7 | 6.2 | 5.8 | 5.4 | 4.5 | 3.2  | 1.5 | <b>91 USD</b>     |

Domestic Products

## CAST CASING, WASTE WATER AND CESSPOOL PUMPS (WITH FLOAT SWITCH) (EFP D SERIES)



- Can be used with contaminated and chemically neutral water which contains solid particles up to 10-25 mm.
- With its durability, compact form and affordability, it can be used as a sewage pump in small residential buildings (houses, flats etc.).
- Required to be used with a ball-type check valve.

### Pump Properties

|                 |                 |
|-----------------|-----------------|
| <b>Casing</b>   | Cast iron       |
| <b>Impeller</b> | Cast iron       |
| <b>Shaft</b>    | Stainless Steel |

**Note:** Original protection - pump controllers should be used with sewage pumps. The damages which may arise when original panels are not used are not covered by warranty.

|          | INVENTORY CODE | MODEL    | VOLTAGE V | POWER Hp | DISCHARGE DIAMETER | m³/h<br>L/min | 0    | 1.5  | 3    | 4.5  | 6    | 7.5  | 9    | 10.5 | 15   | 18   | 21   | 24  | 27  | 30  | RECOMMENDED PRICE |
|----------|----------------|----------|-----------|----------|--------------------|---------------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-------------------|
|          |                |          |           |          |                    |               | 0    | 25   | 50   | 75   | 100  | 125  | 150  | 175  | 250  | 300  | 350  | 400 | 450 | 500 |                   |
| GV250 F  | ETN 003 055    | EFP-025D | 220       | 0.35     | 1 1/2"             | Hm (mwc)      | 7.5  | 7.4  | 6.9  | 6.5  | 5.9  | 5.0  | 4.0  | 2.5  | -    | -    | -    | -   | -   | -   | <b>139 USD</b>    |
| GV750 F  | ETN 003 054    | EFP-075D | 220       | 1        | 2"                 |               | 12.0 | 11.9 | 11.7 | 11.2 | 11.0 | 10.5 | 10.0 | 9.4  | 6.9  | 4.0  | 1.5  | -   | -   | -   | <b>202 USD</b>    |
| GV1500 F | ETN 003 056    | EFP-15D  | 220       | 2        | 2"                 |               | 17.5 | 17.2 | 16.9 | 16.5 | 15.9 | 15.4 | 14.9 | 14.2 | 13.5 | 12.0 | 10.5 | 8.6 | 6.0 | 3.5 | <b>284 USD</b>    |

- Sewage pumps are not required to be commissioned by authorized service.
- The service may perform the initial operation for a price, if requested.

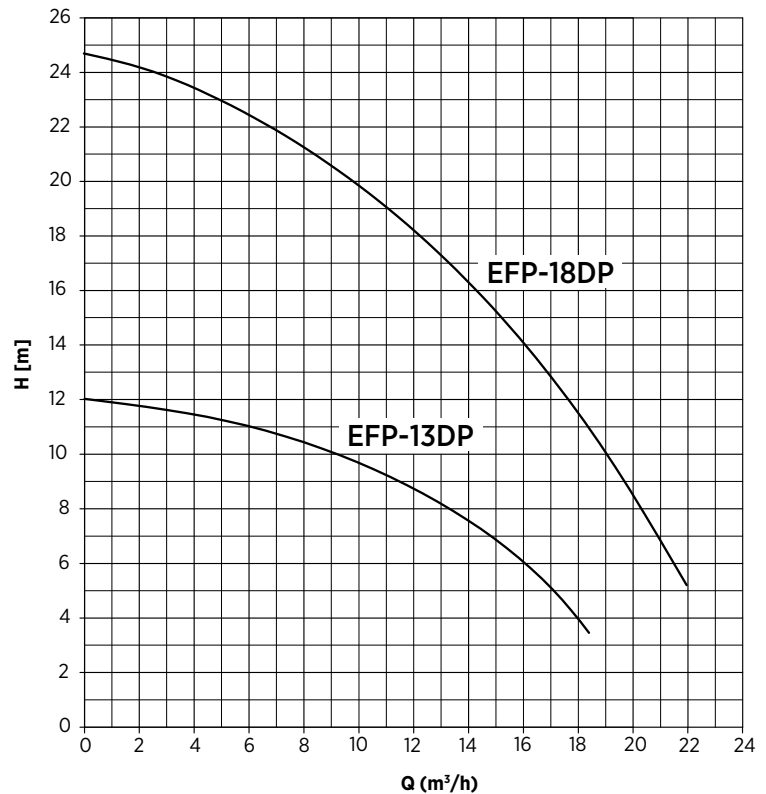
## DRAINAGE PUMPS WITH GRINDER BLADES (WITH FLOAT SWITCH) (EFP 13 & 18 DP SERIES)



- Used for transferring the waste water containing particles from the cesspools of the buildings to the sewers, enables discharge of solid particles or paper after being shredded by its blades, enables automatic discharge with its float switch. It is recommended to use ball-type check valves.

### Pump Properties

|                       |                              |
|-----------------------|------------------------------|
| <b>Casing</b>         | Cast iron                    |
| <b>Impeller</b>       | Cast iron                    |
| <b>Shaft</b>          | Stainless Steel              |
| <b>Motor Casing</b>   | Stainless Steel              |
| <b>Shredder Blade</b> | Cast Steel (Stainless Steel) |



- Sewage pumps do not require initial operation by an authorized service.
- This service is additionally provided for a service fee upon request.

|           | INVENTORY CODE | MODEL    | VOLTAGE V | POWER Hp | DISCHARGE DIAMETER | m³/h     | 0    | 4    | 6    | 8    | 9    | 12   | 16   | 18   | 21  | RECOMMENDED PRICE |
|-----------|----------------|----------|-----------|----------|--------------------|----------|------|------|------|------|------|------|------|------|-----|-------------------|
|           |                |          |           |          |                    | L/min    | 0    | 67   | 100  | 133  | 150  | 200  | 267  | 300  | 350 |                   |
| GV1300 KF | ETN 003 046    | EFP-13DP | 220       | 1.8      | 2"                 | Hm (mwc) | 12.0 | 11.5 | 11.0 | 10.6 | 10.0 | 8.8  | 6.0  | 4.0  | -   | <b>277 USD</b>    |
| GV1801 KF | ETN 003 049    | EFP-18DP | 220       | 2.4      | 2"                 |          | 24.8 | 23.4 | 22.4 | 21.0 | 20.5 | 18.0 | 14.0 | 11.5 | 7.0 | <b>442 USD</b>    |

**Note:** Original protection - pump controllers should be used with sewage pumps.  
The damages which may arise when original panels are not used are not covered by warranty.



## SEWAGE & DRAINAGE PUMPS (EFP 11 D / DP / DV SERIES)

**ETNA®**



• **EFP 11 DP:** Pumps designed for transferring waste and sewage water containing solid particles (pieces of paper and textile, plastic additive waste, etc.) and draining solid particles smoothly by shredding them with its shredder blade system.

• **EFP 11 D:** Pumps with open impeller and stainless steel filter, which are ideal for the use of discharging slightly polluted water containing particles up to 6 mm.

• **EFP 11 DV:** Pumps with vortex impellers, which are designed for intense use and ideal for the use of discharging polluted water containing particles up to 35 mm.

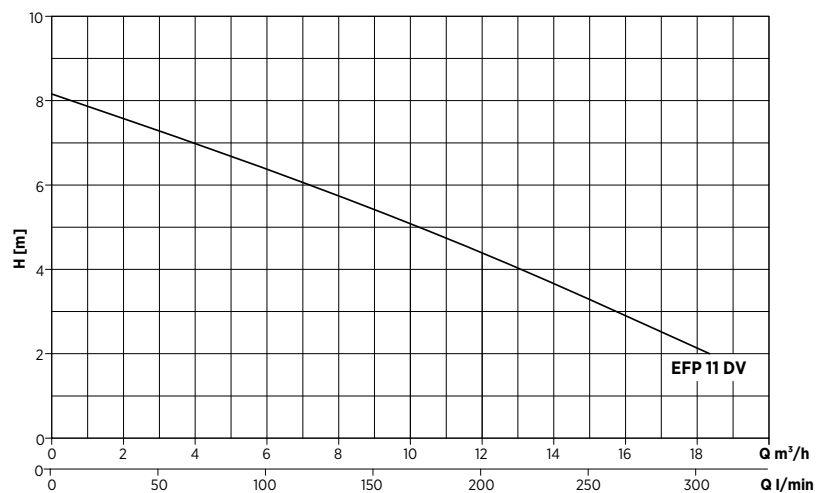
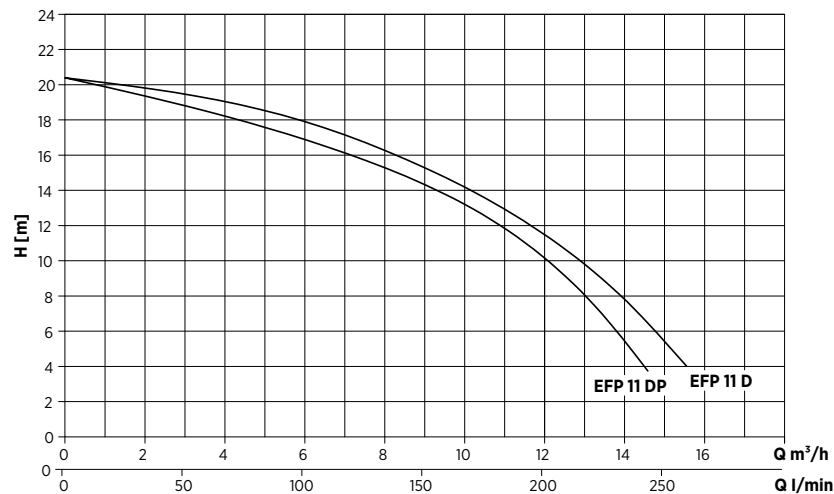


### Pump Properties

|                       |                          |
|-----------------------|--------------------------|
| <b>Casing</b>         | GG25 Cast Iron           |
| <b>Impeller</b>       | GG25 Cast Iron           |
| <b>Shaft</b>          | AISI 420 Stainless Steel |
| <b>Shredder Blade</b> | AISI 420 Stainless Steel |

### Technical Specifications

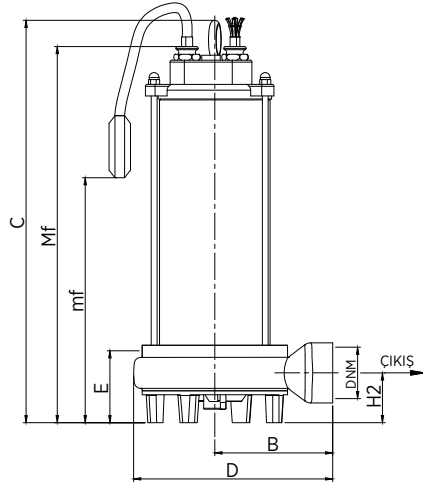
|                          |                        |
|--------------------------|------------------------|
| <b>Maximum Flow Rate</b> | 18.5 m <sup>3</sup> /h |
| <b>Maximum Pressure</b>  | 20 mwc                 |
| <b>Fluid Temperature</b> | 0-40°C                 |
| <b>Immersion Depth</b>   | 5 - 10 m               |
| <b>Speed</b>             | 2900 rpm               |
| <b>Mains Connection</b>  | 1~220V, 50Hz           |



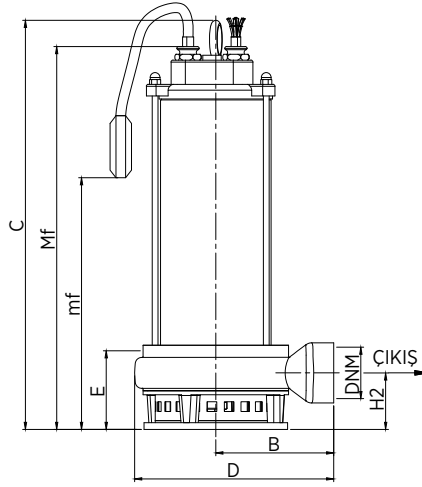
| INVENTORY CODE | MODEL     | VOLTAGE V | POWER kW | DISCHARGE DIAMETER mm | L/min             | 0    | 50   | 100  | 150  | 200  | 250 | 300 | RECOMMENDED PRICE |
|----------------|-----------|-----------|----------|-----------------------|-------------------|------|------|------|------|------|-----|-----|-------------------|
|                |           |           |          |                       | m <sup>3</sup> /h | 0    | 3    | 6    | 9    | 12   | 15  | 18  |                   |
| 811 400 000    | EFP 11 DP | 220       | 1.1      | 1 1/2" G              | Hm (mwc)          | 20.4 | 18.3 | 16.3 | 14.3 | 10.2 | 2   |     | 540 USD           |
| 811 600 000    | EFP 11 D  | 220       | 1.1      | 1 1/2" G              |                   | 20.4 | 19.3 | 17.8 | 15   | 11.3 | 5.1 |     | 490 USD           |
| 816 500 000    | EFP 11 DV | 220       | 1.1      | 2" G                  |                   | 8.2  | 7.3  | 6.3  | 5.3  | 4.2  | 3.1 | 2   | 452 USD           |

⚠ In order for the product to be covered by the warranty, it must be used with the Hydropan pump controller and the first operation must be performed by our authorized services.

## SEWAGE & DRAINAGE PUMPS (EFP 11 D / DP / DV SERIES - DIMENSIONS)



EFP 11 DP



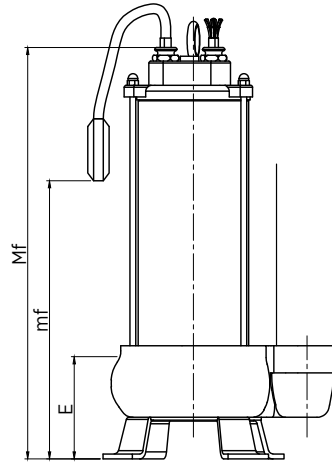
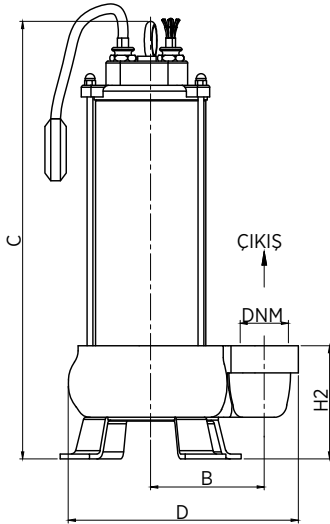
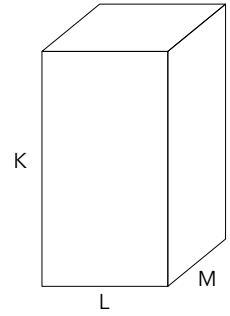
EFP 11 D

Packaging Dimensions

**W:** Maximum discharge level

**Mf:** The lowest level for continuous operation

| TYPE      | DIMENSIONS (mm) |     |     |     |    |    |     |         |     |     |     |      |
|-----------|-----------------|-----|-----|-----|----|----|-----|---------|-----|-----|-----|------|
|           | B               | C   | Mf  | D   | Y  | H2 | mf  | DNM     | K   | L   | M   | Kg   |
| EFP 11 DP | 122             | 420 | 395 | 205 | 80 | 58 | 300 | 1 1/2"G | 460 | 300 | 300 | 19.5 |
| EFP 11 D  | 122             | 425 | 400 | 205 | 85 | 63 | 300 | 1 1/2"G | 460 | 300 | 300 | 19   |



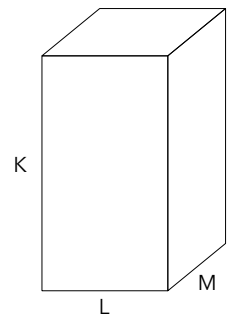
EFP 11 DV

Packaging Dimensions

**W:** Maximum discharge level

**Mf:** The lowest level for continuous operation

| TYPE      | DIMENSIONS (mm) |     |     |     |     |     |     |     |     |     |     |    |
|-----------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
|           | B               | C   | Mf  | D   | Y   | H2  | mf  | DNM | K   | L   | M   | Kg |
| EFP 11 DV | 109             | 425 | 452 | 240 | 100 | 117 | 300 | 2"G | 460 | 300 | 300 | 19 |



## PACKAGE BOOSTER SYSTEM WITH HYDROMAT (MINI-HYDRO SERIES)



Used for pressured water supply for residences, offices etc. and garden irrigation. Takes up a smaller space since the booster does not require a balance tank and no membrane replacement issue. May be connected directly to the water mains since it automatically stops when dry.

| Pump Properties |                 |
|-----------------|-----------------|
| <b>Casing</b>   | Cast iron       |
| <b>Impeller</b> | Brass           |
| <b>Shaft</b>    | Stainless Steel |
| <b>Seal</b>     | Mechanical      |

| INVENTORY CODE        | MODEL             | VOLTAGE V | POWER Hp | CONNECTION |           | CAPACITY |         | FLOOR | APARTMENT | RECOMMENDED CONSUMER PRICE |
|-----------------------|-------------------|-----------|----------|------------|-----------|----------|---------|-------|-----------|----------------------------|
|                       |                   |           |          | Suction    | Discharge | Q (m³/h) | H (mwc) |       |           |                            |
| SQB60<br>029 1610 001 | ETNA MINI-HYDRO-1 | 220 V     | 0.5      | 1"         | 1"        | 0.8      | 28      | 3     | 3         | <b>121 USD</b>             |
| SQB80<br>029 1610 002 | ETNA MINI-HYDRO-2 | 220 V     | 1        | 1"         | 1"        | 1.5      | 38      | 6     | 6         | <b>157 USD</b>             |

## SELF-PRIMING, PACKAGE WATER BOOSTERS WITH JET PUMPS (JET SERIES)



### Package Content

- 24 L or 50 L replaceable membrane Tank (horizontal)
- 5-way connector
- Non-return valve
- 5m float switch
- Pressure Switch, Manometer and Connection Flex

Used for supplying pressured water to residences, offices etc., and irrigating gardens. **Ideal for domestic used requiring suction from depths down to 8m.** Pumps continues normal operation even though there is air-water mixture inside the suction line.

| Pump Properties |                 |
|-----------------|-----------------|
| <b>Casing</b>   | Cast iron       |
| <b>Impeller</b> | Brass           |
| <b>Shaft</b>    | Stainless Steel |
| <b>Seal</b>     | Mechanical      |

**Note:** Tank, connection flex included.

| INVENTORY CODE | MODEL              | VOLTAGE V | POWER Hp | CONNECTION |           | OPERATION RANGE |         | FLOOR | APARTMENT | TANK VOLUME | RECOMMENDED CONSUMER PRICE |
|----------------|--------------------|-----------|----------|------------|-----------|-----------------|---------|-------|-----------|-------------|----------------------------|
|                |                    |           |          | Suction    | Discharge | Q (m³/h)        | H (mwc) |       |           |             |                            |
| 030 1002 000   | ETNA JET 100-24 WS | 220 V     | 1        | 1"         | 1"        | 1.8             | 40      | 6     | 8         | 24 L        | <b>293 USD</b>             |
| 030 1102 000   | ETNA JET 100-50 WS | 220 V     | 1        | 1"         | 1"        | 1.8             | 40      | 6     | 8         | 50 L        | <b>330 USD</b>             |
| 030 1104 000   | ETNA JET 150-50 WS | 220 V     | 1.5      | 1 1/4"     | 1"        | 2.7             | 42      | 6     | 12        | 50 L        | <b>354 USD</b>             |
| 030 1105 000   | ETNA JET 200-50 WS | 220 V     | 2        | 1 1/4"     | 1"        | 3.0             | 49      | 8     | 16        | 50 L        | <b>419 USD</b>             |



Commissioning should be performed by the authorized service for the product to be covered by warranty.

## SELF-PRIMING, PACKAGE WATER BOOSTERS WITH JET PUMPS (JET SERIES)



### Package Content

- 24 L or 50 L replaceable membrane Tank (horizontal)
- 5-way connector
- Non-return valve
- 5m float switch
- Pressure Switch, Manometer and Connection Flex

Used for supplying pressured water to residences, offices etc., and irrigating gardens. **Ideal for domestic used requiring suction from depths down to 8m.** Pumps continues normal operation even though there is air-water mixture inside the suction line.

| Pump Properties |                 |
|-----------------|-----------------|
| <b>Casing</b>   | Cast iron       |
| <b>Impeller</b> | Brass           |
| <b>Shaft</b>    | Stainless Steel |
| <b>Seal</b>     | Mechanical      |

**Note:** Tank, connection flex included.

| INVENTORY CODE | MODEL              | VOLTAGE V | POWER Hp | CONNECTION |           | OPERATION RANGE |         | FLOOR | APARTMENT | TANK VOLUME | RECOMMENDED CONSUMER PRICE |
|----------------|--------------------|-----------|----------|------------|-----------|-----------------|---------|-------|-----------|-------------|----------------------------|
|                |                    |           |          | Suction    | Discharge | Q (m³/h)        | H (mwc) |       |           |             |                            |
| 030 1002 000E  | ETNA JET 100-24 ES | 220 V     | 1        | 1"         | 1"        | 1.8             | 40      | 6     | 8         | 24 L        | <b>320 USD</b>             |
| 030 1102 000E  | ETNA JET 100-50 ES | 220 V     | 1        | 1"         | 1"        | 1.8             | 40      | 6     | 8         | 50 L        | <b>401 USD</b>             |
| 030 1104 000E  | ETNA JET 150-50 ES | 220 V     | 1.5      | 1 1/4"     | 1"        | 2.7             | 42      | 6     | 12        | 50 L        | <b>425 USD</b>             |
| 030 1105 000E  | ETNA JET 200-50 ES | 220 V     | 2        | 1 1/4"     | 1"        | 3.0             | 49      | 8     | 16        | 50 L        | <b>491 USD</b>             |



Commissioning should be performed by the authorized service for the product to be covered by warranty.

## SELF-PRIMING, PACKAGE WATER BOOSTERS WITH JET PUMPS (JET INOX SERIES)



### Package Content

- 24 L or 50 L replaceable membrane Tank (horizontal)
- 5-way connector
- Non-return valve
- 5m float switch
- Pressure Switch, Manometer and Connection Flex

Used for supplying pressured water to residences, offices etc., and irrigating gardens. **Ideal for domestic used requiring suction from depths down to 8m.** Pumps continues normal operation even though there is air-water mixture inside the suction line.

### Pump Properties

|                 |                 |
|-----------------|-----------------|
| <b>Casing</b>   | Stainless Steel |
| <b>Impeller</b> | Noryl           |
| <b>Shaft</b>    | Stainless Steel |
| <b>Seal</b>     | Mechanical      |

**Note:** Tank, connection flex included.

| INVENTORY CODE | MODEL                   | VOLTAGE V | POWER Hp | CONNECTION |           | OPERATION RANGE |         | FLOOR | APARTMENT | TANK VOLUME | RECOMMENDED CONSUMER PRICE |
|----------------|-------------------------|-----------|----------|------------|-----------|-----------------|---------|-------|-----------|-------------|----------------------------|
|                |                         |           |          | Suction    | Discharge | Q (m³/h)        | H (mwc) |       |           |             |                            |
| 030 1003 000   | ETNA JET INOX 100-24 WS | 220 V     | 1        | 1"         | 1"        | 1.2             | 37      | 5     | 5         | 24 L        | <b>298 USD</b>             |
| 030 1103 000   | ETNA JET INOX 100-50 WS | 220 V     | 1        | 1"         | 1"        | 1.2             | 37      | 5     | 5         | 50 L        | <b>335 USD</b>             |



Commissioning should be performed by the authorized service for the product to be covered by warranty.

AUTOJETS100-24lt

AUTOJETS100-50lt

## SELF-PRIMING, PACKAGE WATER BOOSTERS WITH JET PUMPS (JET INOX SERIES)



### Package Content

- 24 L or 50 L replaceable membrane Tank (horizontal)
- 5-way connector
- Non-return valve
- 5m float switch
- Pressure Switch, Manometer and Connection Flex

Used for supplying pressured water to residences, offices etc., and irrigating gardens. **Ideal for domestic used requiring suction from depths down to 8m.** Pumps continues normal operation even though there is air-water mixture inside the suction line.

### Pump Properties

|                 |                 |
|-----------------|-----------------|
| <b>Casing</b>   | Stainless Steel |
| <b>Impeller</b> | Noryl           |
| <b>Shaft</b>    | Stainless Steel |
| <b>Seal</b>     | Mechanical      |

**Note:** Tank, connection flex included.

| INVENTORY CODE | MODEL                   | VOLTAGE V | POWER Hp | CONNECTION |           | OPERATION RANGE |         | FLOOR | APARTMENT | TANK VOLUME | RECOMMENDED CONSUMER PRICE |
|----------------|-------------------------|-----------|----------|------------|-----------|-----------------|---------|-------|-----------|-------------|----------------------------|
|                |                         |           |          | Suction    | Discharge | Q (m³/h)        | H (mwc) |       |           |             |                            |
| 030 1003 000E  | ETNA JET INOX 100-24 ES | 220 V     | 1        | 1"         | 1"        | 1.2             | 37      | 5     | 5         | 24 L        | <b>325 USD</b>             |
| 030 1103 000E  | ETNA JET INOX 100-50 ES | 220 V     | 1        | 1"         | 1"        | 1.2             | 37      | 5     | 5         | 50 L        | <b>406 USD</b>             |



Commissioning should be performed by the authorized service for the product to be covered by warranty.

## PACKAGE BOOSTER SYSTEMS WITH CENTRIFUGAL PUMPS (YPH SERIES)

**ETNA®**



### Package Content

- 50 L (horizontal) tank with replaceable membrane
- 5-way connector
- Non-return valve
- 5m float switch
- Pressure Switch, Manometer and Connection Flex

Horizontal, multi-stage, silent, package water booster system. Used for pressured water supply in residences, offices etc. and for garden irrigation.

### Pump Properties

|                 |                 |
|-----------------|-----------------|
| <b>Casing</b>   | Cast iron       |
| <b>Impeller</b> | Noryl           |
| <b>Shaft</b>    | Stainless Steel |
| <b>Seal</b>     | Mechanical      |

**Note:** Tank, connection flex included.

| INVENTORY CODE | MODEL             | VOLTAGE<br>V | POWER<br>Hp | CONNECTION |           | OPERATION RANGE |         | FLOOR | APARTMENT | TANK<br>VOLUME | RECOMMENDED<br>CONSUMER PRICE |
|----------------|-------------------|--------------|-------------|------------|-----------|-----------------|---------|-------|-----------|----------------|-------------------------------|
|                |                   |              |             | Suction    | Discharge | Q (m³/h)        | H (mwc) |       |           |                |                               |
| 029 1640 005   | ETNA YPH 60-50 WS | 220          | 1.5         | 1 1/4"     | 1"        | 3.6             | 47      | 10    | 15        | 50 L           | <b>453 USD</b>                |
| 029 1640 006   | ETNA YPH 90-50 WS | 220          | 2.25        | 1 1/4"     | 1"        | 4.8             | 77      | 17    | 22        | 50 L           | <b>470 USD</b>                |

Commissioning should be performed by the authorized service for the product to be covered by warranty.

## PACKAGE WATER BOOSTER SYSTEMS WITH CENTRIFUGAL PUMPS (YPH SERIES)



### Package Content

- 50 L (horizontal) tank with replaceable membrane
- 5-way connector
- Non-return valve
- 5m float switch
- Pressure Switch, Manometer and Connection Flex

Horizontal, multi-stage, silent, package water booster system. Used for pressured water supply in residences, offices etc. and for garden irrigation.

### Pump Properties

|                 |                 |
|-----------------|-----------------|
| <b>Casing</b>   | Cast iron       |
| <b>Impeller</b> | Noryl           |
| <b>Shaft</b>    | Stainless Steel |
| <b>Seal</b>     | Mechanical      |

**Note:** Tank, connection flex included.

| INVENTORY CODE | MODEL             | VOLTAGE<br>V | POWER<br>Hp | CONNECTION |           | OPERATION RANGE |         | FLOOR | APARTMENT | TANK<br>VOLUME | RECOMMENDED<br>CONSUMER PRICE |
|----------------|-------------------|--------------|-------------|------------|-----------|-----------------|---------|-------|-----------|----------------|-------------------------------|
|                |                   |              |             | Suction    | Discharge | Q (m³/h)        | H (mwc) |       |           |                |                               |
| 029 1640 005E  | ETNA YPH 60-50 ES | 220          | 1.5         | 1 1/4"     | 1"        | 3.6             | 47      | 10    | 15        | 50 L           | <b>525 USD</b>                |
| 029 1640 006E  | ETNA YPH 90-50 ES | 220          | 2.25        | 1 1/4"     | 1"        | 4.8             | 77      | 17    | 22        | 50 L           | <b>542 USD</b>                |

Commissioning should be performed by the authorized service for the product to be covered by warranty.



# PUMP CONTROLLERS FOR CONSTANT-SPEED WATER BOOSTERS, DEEP WELL & DRAINAGE PUMPS



| Single-Pump Systems |                |                |                    |               |                   |
|---------------------|----------------|----------------|--------------------|---------------|-------------------|
| INVENTORY CODE      | MODEL          | POWER RANGE kW | VOLTAGE V          | MAINS VOLTAGE | RECOMMENDED PRICE |
| 003 7000 031        | HYDROPAN2S-APS | 0.37-2.2       | 230VAC / 50 - +10% | Single-phase  | <b>89 USD</b>     |
| 003 7000 021        | HYDROPAN4S-APS | 0.37-7.5       | 400VAC / 50 - +10% | Three-phase   | <b>98 USD</b>     |

## PANEL SPECIFICATIONS

- Operation with 230VAC / 50 - +10% mains voltage for single-phase model
- Operation with 400VAC / 50 - +10% mains voltage for three-phase model
- Display of the phase-neutral voltages on main operation screen in order
- Display of the current absorbed by the pump on the main operation screen
- Protection against dry running with the float switch
- Extra protection against dry running with the adjustable undercurrent protection
- Adjustable overcurrent protection
- Adjustable undervoltage protection
- Adjustable overvoltage protection
- Adjustable error delay time
- Operation mode options (Water Booster and Deep Well)
- Phase error detection and screen display
- Current error detection and screen display
- Dry running error display on screen
- IP55 insulation class
- Normal operation and dry contact error signal



| Dual-Pump Systems |                |                |                    |               |                   |
|-------------------|----------------|----------------|--------------------|---------------|-------------------|
| INVENTORY CODE    | MODEL          | POWER RANGE kW | VOLTAGE V          | MAINS VOLTAGE | RECOMMENDED PRICE |
| 003 7000 032      | HYDROPAN2D-APS | 0.37-2.2       | 230VAC / 50 - +10% | Single-phase  | <b>205 USD</b>    |
| 003 7000 022      | HYDROPAN4D-APS | 0.37-7.5       | 400VAC / 50 - +10% | Three-phase   | <b>211 USD</b>    |

## PANEL SPECIFICATIONS

- Operation with 230VAC / 50 - +10% mains voltage for single-phase model
- Operation with 400VAC / 50 - +10% mains voltage for three-phase model
- 8-bit microprocessor-based design
- Operating frequency: 16Mhz
- 2x16 character white LCD display
- Date and time information on main operation screen
- Three-phase voltage measurement and screen display
- Overvoltage protection setting
- Undervoltage protection setting
- Pump operation mode and error display
- Display of pump operating current during operation
- Adjustable low & high protection time
- Adjustable low & high protection values
- Error resetting
- Automatic and manual operation modes
- Manual operation with the help of test buttons
- Protection against dry running with a float switch
- Extra protection against dry running with the adjustable undercurrent protection
- Display of all errors on the screen
- Audio error warning
- Display of pump operating time on screen
- Alternating use with sequential operation
- Password protection against unauthorized access
- Error history up to 24 errors including date and time of the error
- IP 55 insulation class
- Turkish / English language options
- General error, solenoid relay outlet and operation/ dry contact PTC protection inlets are available in the higher versions
- Adjustable low & high protection values



## General Properties

- PA pressure switches are designed to enable water boosters and pumps to automatically start and stop.
- PA-V ETNA pressure switches are manufactured in a way that they will enable the discharge of air inside the pressure pipe once the compressor starts in order to facilitate the startup of the air compressors under pressure.
- Discharge pressure switches are used in air compressors and non-discharge pressure switches are used in water boosters.
- Three-way safety adapter enables mounting manometer and safety vents directly onto the switch without needing any other equipment.
- PA-1 pressure switches may set to have a stopping pressure of 2.5 - 5 ata, and an operating pressure of 0.5 - 0.9 ata depending on the stopping pressure.
- PA-2 pressure switches may set to have a stopping pressure of 7 - 11 ata, and an operating pressure of 3 - 9 ata depending on the stopping pressure.
- PA-3 pressure switches may set to have a stopping pressure of 11 - 16 ata, and an operating pressure of 4 - 13 ata depending on the stopping pressure.
- PA-4 pressure switches may set to have a stopping pressure of 4 - 8 ata, and an operating pressure of 1 - 7 ata depending on the stopping pressure.

| INVENTORY CODE | MODEL                          | PRESSURE RANGE (bar) | MINIMUM DIFFERENTIAL PRESSURE (ata) | RECOMMENDED PRICE |
|----------------|--------------------------------|----------------------|-------------------------------------|-------------------|
| 005 1105 000   | PA1- Without Discharge         | 1 - 5                | 1.1                                 | <b>8,8 USD</b>    |
| 005 1108 000   | PA4 Without Discharge          | 2 - 8                | 1                                   | <b>8,8 USD</b>    |
| 005 1111 000   | PA2-PA2V (w/ or w/o discharge) | 3 - 11               | 2.2                                 | <b>9,1 USD</b>    |
| 005 1116 000   | PA3-PA3V (w/ or w/o Discharge) | 4 - 16               | 3                                   | <b>9,1 USD</b>    |

## ACCESSORIES



| INVENTORY CODE | PRODUCT   | RECOMMENDED PRICE           |
|----------------|---|-----------------------------|
| COMPACT 2 - RM | Automatic Water Booster Device (Hydromat) - Spain Originated                                | <b>Please ask for price</b> |
| 032 1111       | Membrane Ball (1mm thick, resistant to 5 ata)   | <b>Please ask for price</b> |
|                | Ball Kit (1mm thick, 5 ata resistant ball+manometer+pressure switch+5-way bronze connector) | <b>Please ask for price</b> |
| Y9109790570    | Ball-Type Check Valve 1" 1/4  | <b>25,3 USD</b>             |
| Y9109790540    | Ball-Type Check Valve 1" 1/2  | <b>37,4 USD</b>             |
| Y9109790550    | Ball-Type Check Valve 2"  | <b>48,0 USD</b>             |
| Y9109790560    | Ball-Type Check Valve 2"1/2   | <b>60,6 USD</b>             |
| Y9109790551    | Ball-Type Check Valve with Flange - DN50  | <b>97,3 USD</b>             |
| Y9109790561    | Ball-Type Check Valve with Flange - DN65  | <b>141,2 USD</b>            |
| Y9109790553    | Ball-Type Check Valve with Flange - DN80  | <b>195,1 USD</b>            |
| Y9109790554    | Ball-Type Check Valve with Flange - DN100   | <b>265,3 USD</b>            |
| 0201000032     | Pear-Shaped Float Switch for Sewage Pumps (10m Cable)                                       | <b>61,0 USD</b>             |
| C1201          | Bottom Valve - Brass - 1"   | <b>14,2 USD</b>             |
| C1202          | Bottom Valve - Brass - 1" 1/4   | <b>20,2 USD</b>             |
| C1203          | Bottom Valve - Brass - 1" 1/2   | <b>25,7 USD</b>             |
| C1204          | Bottom Valve - Brass - 2"   | <b>34,9 USD</b>             |
| C1205          | Bottom Valve - Brass - 2" 1/2   | <b>68,4 USD</b>             |
| C1206          | Bottom Valve - Brass - 3"   | <b>89,5 USD</b>             |
| C1207          | Bottom Valve - Brass - 4"   | <b>154,3 USD</b>            |
| C1208          | Bottom Valve - Brass - 5"   | <b>443,5 USD</b>            |
| C1209          | Bottom Valve - Brass - 6"   | <b>489,2 USD</b>            |

\* Bottom valves are for pumps and boosters sucking water from a negative level.

## SALES CONDITIONS

1. ETNA Residential Products Price is created as a US DOLLAR price list.
2. The return of used products is not accepted in any condition.
3. The price list is created considering that the product will be delivered from our warehouses (Ex-Works). Thus, the cost of shipment belongs to the buyer. In case there is no our forwarder. The transportation risk for the shipped products belongs to the customer. In case of a special request of the customer, the shipped goods can be insured for transportation damages and the insurance cost will be billed to the customer.
4. We reserve the right to change the materials and the dimensions shown in this price list.

## WARRANTY CONDITIONS

1. We are not giving any warranty to our sales abroad because we have not commissioned the aware how the units commissioned. However if there is a manufacturing fault then we can supply that part free of charge. In order to supply free of charge customer should send us the faulty part because we need to examine the part in our factory. If we understand that the part has manufacturing fault then we can send that part free of charge. If we understand that it is customer fault then we have to invoice the part.
2. Our distributor is obliged to organize after sales service and take care of all after sales problems. We are ready to provide all necessary information and spare parts to solve any problem during the life time of our product.
3. The products should be commissioned by our distributors or authorized services.

- If there is fault occur after the proper commissioning of our product, our distributor will examine the manufacturing and material fault and inform us with a report supported by pictures. After receiving such report, we will replace the faulty part free of charge. We could ask the faulty part to be send to us for inspection. In that case we should also be sure that the fault did not caused by customer. If we understand that it is not manufacturing but fault occur by wrong usage of the product, such part will be replaced with payment.
- The maintenance and repair of the defective products shall be performed only by uthorized Services.

### **The following happenings should be considered out of warranty:**

- The defects that may arise in products used outside their intended purpose of use.
- The products that were purchased from individuals or organizations other than the authorized dealers and resellers.
- The mistakes arising from installation or faulty assembly
- The failures that may arise from operating pumps and electrical panels in extremely dirty and humid environments, or over the defined ambient temperatures.
- The failures that may arise due to frequent voltage fluctuations and large difference between the phases.

Our goal is to sell the end-users the products that they will trust and to satisfy them.

## Notes

[illegible]



## Notes



## Domestic Products

[illegible]



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