



# DMX512 Fountain Pumps

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**GROW YOUR BUSINESS  
WITH US**

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## ADDRESS

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## CONTACT

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# ABOUT BLDC PUMP

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## What We Do

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BLDC PUMP focused on brushless DC water pump's R&D and production from 2009. Our high-quality brushless DC pumps are primarily used in various types of equipment as an essential component. It has high efficiency & high durability with a compact size and is very quiet. We are located in Shenzhen of China, and export our products all over the world.

## Our Values

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While most companies pursue low costs to win at a price, we insist on providing the best quality products and comprehensive solutions to help our clients push their business forward.

Our competitive benefit lies in our offer of growth insights for professional pump solutions to power revenues and profits your business. We will serve as a stepping stone, assist you to make a leap from "Zero to One" in your new business.

We face a variety of problems from our customers on a daily basis. We love these problems and love solving these problems more. Because we helped our customers, and the process also made us more and more professional.

We have 10 Years of expertise in DC Water Pump's R&D and production. Therefore, we can make flexible and cost-effective customized services according to your actual needs.

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## DMX512 Fountain Pumps Overview

DMX512 fountain pumps are designed for small or medium music fountains that could receive DMX512 signals directly to control the water column. No need additional DMX512 signal decoder.

Two other advantages of using our fountain pumps:

1. low voltage DC water pump is absolute safety
2. We provide accurate data of water column height according to different nozzles and pump models

Get more information: <https://www.bldecump.com/dmx512-small-water-fountain-pump/>

## DMX512 Fountain Pumps Wiring Instructions

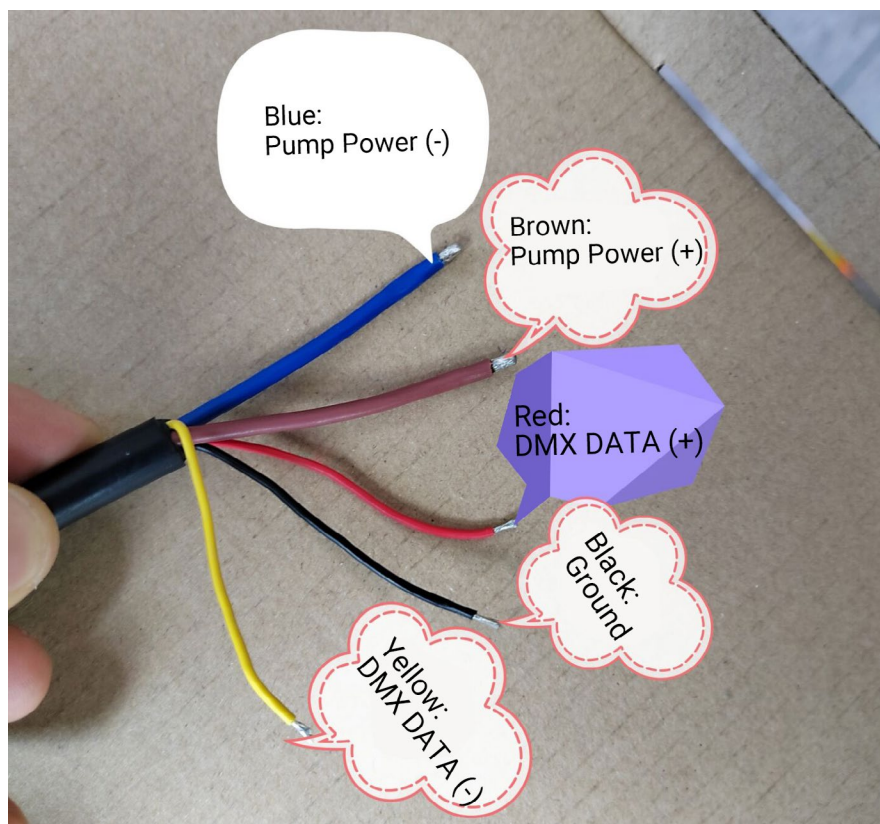
Brown: Pump Power (+)

Blue: Pump Power (-)

Red: DMX DATA (+)

Black: Ground

Yellow: DMX DATA (-)



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## The Nozzles we use to test data

We have accurate data of water column height when using the following nozzles with our fountain pumps. But please note that you can use any nozzle you want.

Please note that we need an additional connector for conversion when the nozzle inlet does not match the pump outlet.

<div>01</div>  <div>Universal Nozzle DN15</div> <div>Outlet: 5.6mm Inlet: 1/2" thread</div>	<div>02</div>  <div>Universal Nozzle DN20</div> <div>Outlet: 6.8mm Inlet: 3/4" thread</div>	<div>03</div>  <div>Universal Nozzle DN25</div> <div>Outlet: 8/10/12mm Inlet: 1" thread</div>	<div>04</div>  <div>Universal Nozzle DN40</div> <div>Outlet: 12/13/16mm Inlet: 1-1/2" thread</div>
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<div>05</div>  <div>Straight Column DN20</div> <div>Outlet: 19mm Inlet: 3/4" thread</div>	<div>06</div>  <div>Straight Column DN25</div> <div>Outlet: 20mm Inlet: 1" thread</div>	<div>07</div>  <div>ICE Tower DN25</div> <div>Outlet: 32mm Inlet: 1" thread</div>
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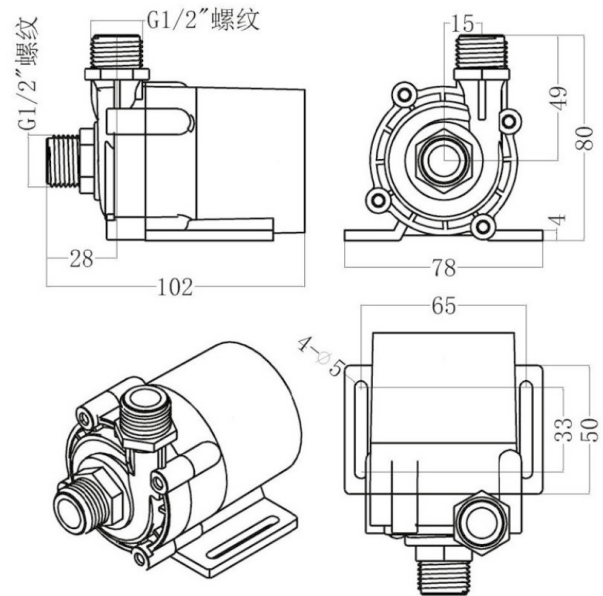
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# DMX512 Fountain Pump DC55E-24160S



## Pump Main Parameters

<b>Model:</b>	DC55E-24160S
<b>Rated Voltage:</b>	DC24V
<b>Power</b>	80W
<b>Max Static Head:</b>	16 meters
<b>Max Flow Rate:</b>	2400 L/H
<b>Input / Output:</b>	1/2" thread

Please be note that all the pump parameters can be customized according to requirements. Any kind of customized services are welcome.

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## Real shot photo of the nozzle and water pump connection

Please note that we need an additional connector for conversion when the nozzle inlet does not match the pump outlet.

### Universal Nozzle DN15

Outlet: 5.6mm

Filter Cover: 1/2" thread



### Universal Nozzle DN20

Outlet: 6.8mm

Filter Cover: 1/2" thread



## Data of water column height

Nozzle	Universal DN15 outlet 5.6mm	Universal DN20 outlet 6.8mm
Spray Height	6 Meters	5 Meters

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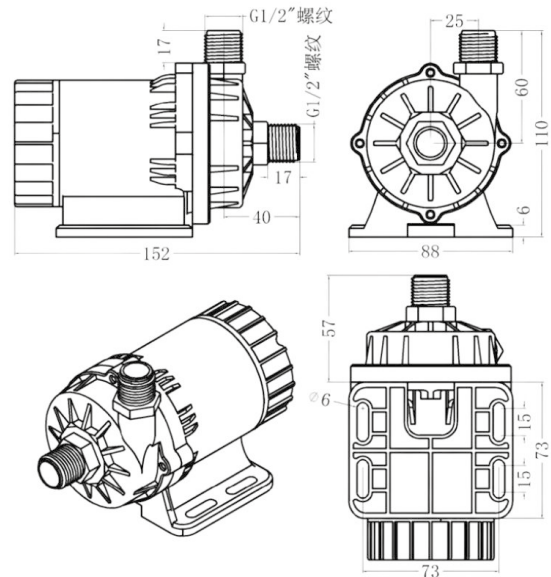


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# DMX512 Fountain Pump DC60E-24120S



## Pump Main Parameters

<b>Model:</b>	DC60E-24120S
<b>Rated Voltage:</b>	DC24V
<b>Power</b>	120W
<b>Max Static Head:</b>	12 meters
<b>Max Flow Rate:</b>	3800 L/H
<b>Input / Output:</b>	1/2" thread

Please be note that all the pump parameters can be customized according to requirements. Any kind of customized services are welcome.

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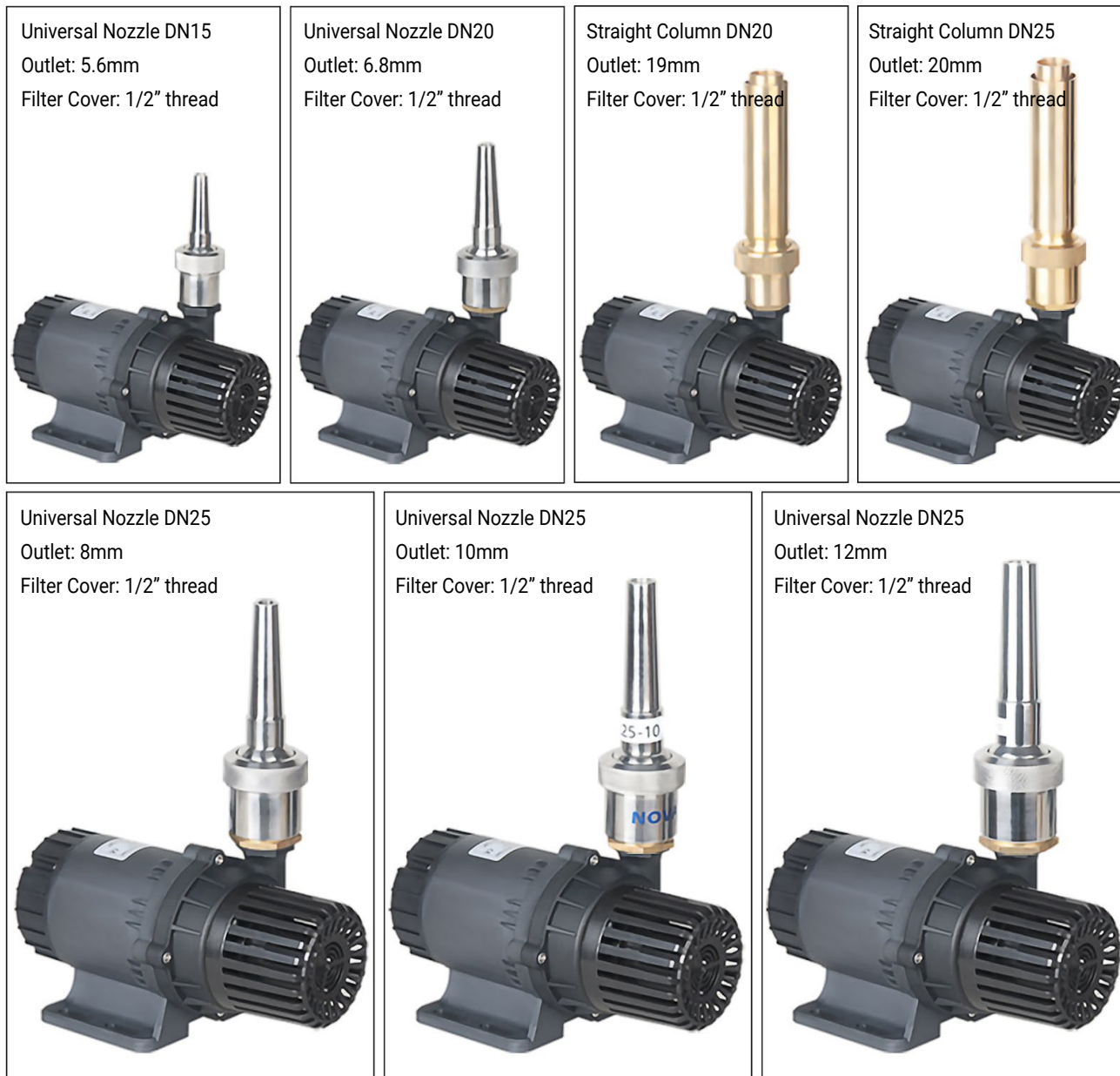
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## Real shot photo of the nozzle and water pump connection

Please note that we need an additional connector for conversion when the nozzle inlet does not match the pump outlet.



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## Data of water column height

Nozzle	Universal DN15 outlet 5.6mm	Universal DN20 outlet 6.8mm	Straight DN20 outlet 19mm	Straight DN25 outlet 20mm	Universal DN25 outlet 8mm	Universal DN25 outlet 10mm	Universal DN25 outlet 12mm
Spray Height	6 Meters	5.5 Meters	3 Meters	1.5 Meters	5 Meters	3.5 Meters	2.5 Meters

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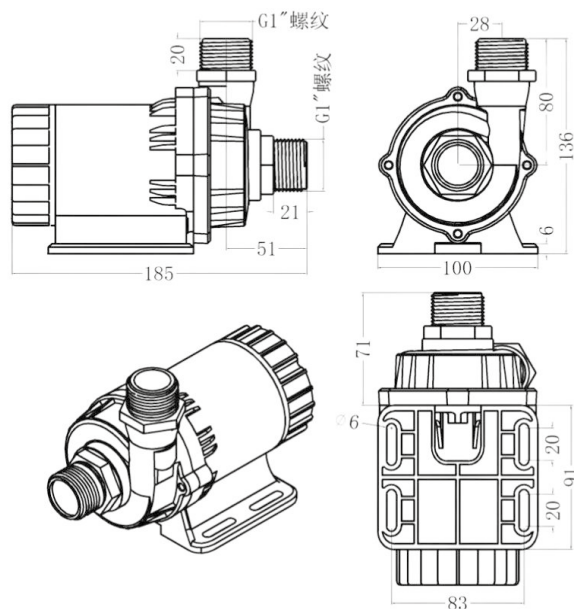
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# DMX512 Fountain Pump DC80E



## Pump Main Parameters

<b>Model:</b>	DC80E-2480S / DC80E-24100S
<b>Rated Voltage:</b>	DC24V
<b>Power</b>	100W / 150W
<b>Max Static Head:</b>	8 meters / 10 meters
<b>Max Flow Rate:</b>	7000 L/H / 8000L/H
<b>Input / Output:</b>	1" thread

Please be note that all the pump parameters can be customized according to requirements. Any kind of customized services are welcome.

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## Real shot photo of the nozzle and water pump connection

Please note that we need an additional connector for conversion when the nozzle inlet does not match the pump outlet.



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## Data of water column height

Nozzle	Model	Straight DN20 outlet 19mm	Straight DN25 outlet 20mm	ICE Tower DN25 outlet 32mm	Universal DN25 outlet 8mm
Spray Height	DC80E-2480S	4 Meters	2.5 Meters	1 Meters	5 Meters
	DC80E-24100S	4 Meters	3 Meters	1.5 Meters	6.5 Meters
Nozzle	Model	Universal DN25 outlet 10mm	Universal DN25 outlet 12mm	Universal DN40 outlet 13mm	Universal DN40 outlet 16mm
Spray Height	DC80E-2480S	4.5 Meters	4 Meters	3.5 Meters	2.5 Meters
	DC80E-24100S	5.5 Meters	5 Meters	4.5 Meters	3.5 Meters

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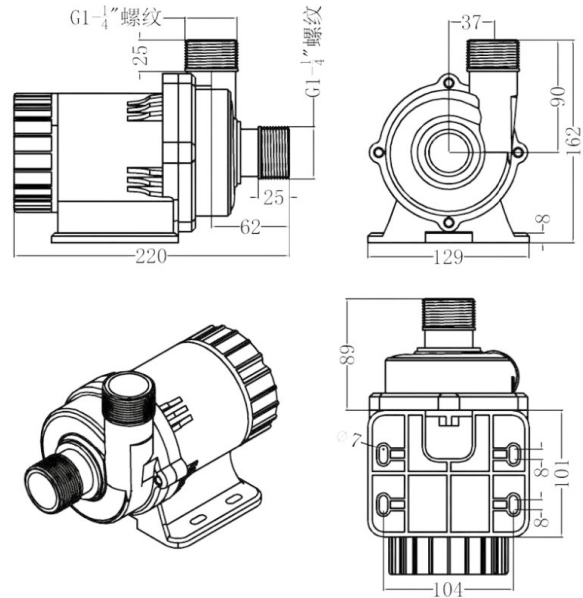
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# DMX512 Fountain Pump DC85E



## Pump Main Parameters

<b>Model:</b>	DC85E-2480S / DC85E-24100S
<b>Rated Voltage:</b>	DC24V
<b>Power</b>	150W / 200W
<b>Max Static Head:</b>	8 meters / 10 meters
<b>Max Flow Rate:</b>	12000 L/H / 13000L/H
<b>Input / Output:</b>	1-1/4" thread

Please be note that all the pump parameters can be customized according to requirements. Any kind of customized services are welcome.

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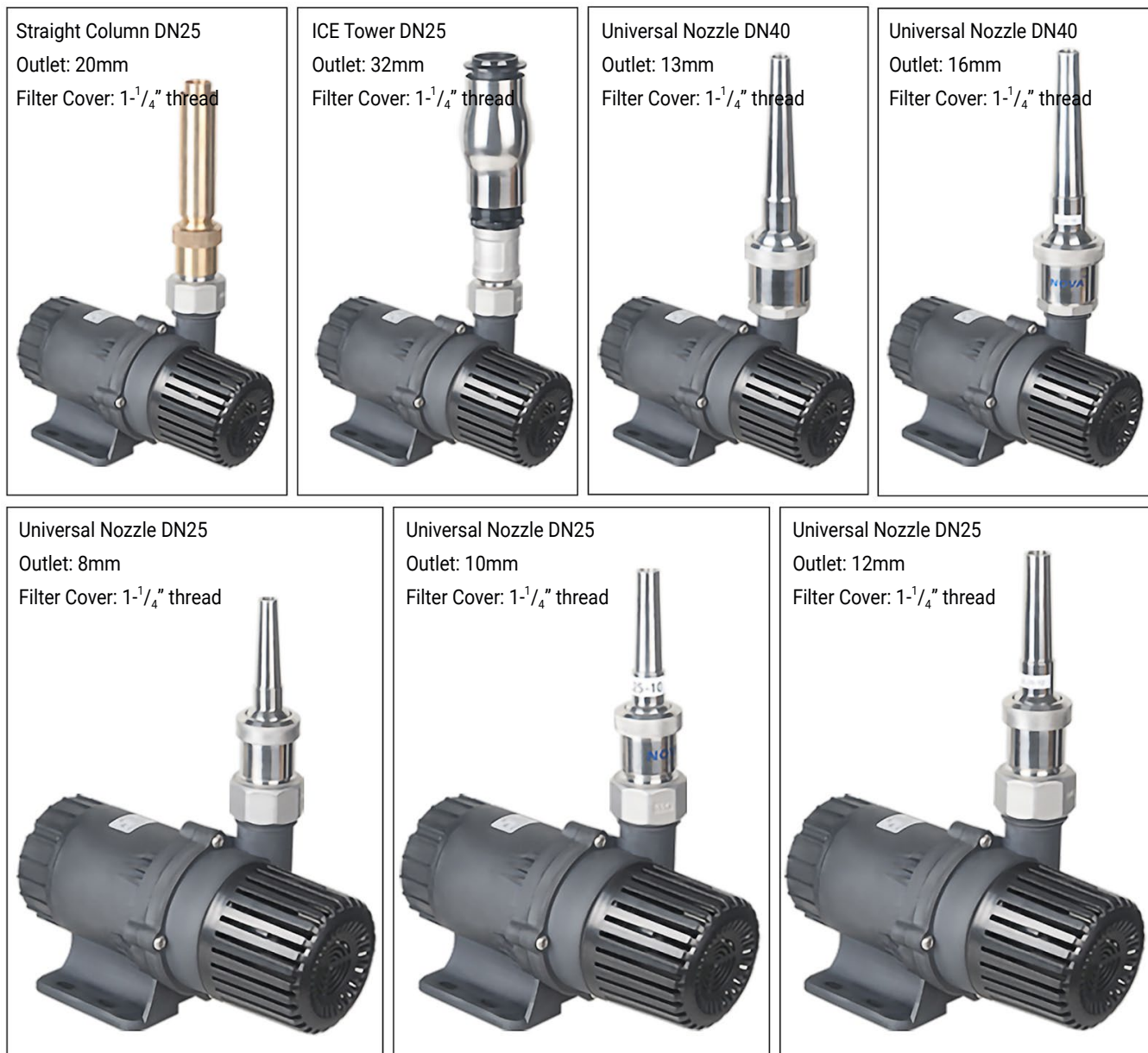
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## Real shot photo of the nozzle and water pump connection

Please note that we need an additional connector for conversion when the nozzle inlet does not match the pump outlet.



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## Data of water column height

Nozzle	Model	Straight DN25 outlet 20mm	ICE Tower DN25 outlet 32mm	Universal DN40 outlet 13mm	Universal DN40 outlet 16mm
Spray Height	DC85E-2480S	3 Meters	1.3 Meters	3.5 Meters	2.5 Meters
	DC85E-24100S	4 Meters	1.8 Meters	5 Meters	4 Meters
Nozzle	Model	Universal DN25 outlet 8mm	Universal DN25 outlet 10mm	Universal DN25 outlet 12mm	
Spray Height	DC85E-2480S	4.5 Meters	4 Meters	3.5 Meters	
	DC85E-24100S	6 Meters	5.5 Meters	5 Meters	

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# PRODUCT CATALOG 2025

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