MULTIQUIP

Dewatering Pumps

Centrifugal and Diaphragm Models

Construction Starts Here

www.multiquip.com

Centrifugal Pumps

Discharge port easily rotated 180° by removing four bolts.

Tubular steel frame protects pump and engine from damage.

Self-priming design. Simply fill the casing with water and you're pumping in seconds.

Cast aluminum body. Lightweight design for easy handling.

Stainless steel hardware minimizes corrosion and potential disassembly problems.

Cast iron nipples for durability. They're easily replaced if threads are damaged.

Oil Alert automatically shuts down the engine if the oil level is insufficient for safe operation.

Plastic fill and drain plugs eliminate corrosion between plugs and casing.

Internal wearing parts — volute and impeller are manufactured of cast iron for abrasion resistance and long life.

QP2H
2" x 2"
3.5 HP Honda*
Up to 158 gpm

The versatile, dependable choice for dewatering applications.

Our versatile centrifugal pumps are designed to handle all types of clear water applications. Economical and dependable, they are suitable for construction, municipal and agricultural applications. They are also ideal for residential use such as dewatering basements and swimming pools.

Economical
Our simple design keeps weight to a minimum while delivering maximum flow. Additionally, overhead valve engines deliver peak performance and minimize fuel consumption.

Wear Parts
Both the impeller and volute are made of cast ductile iron for maximum life. Silicon/Carbide & Carbon/Ceramic mechanical seals provide resistance against wear.

Light Weight
Pump casings are die cast aluminum for durability and light weight.

Choice of Popular Engines
Robin and Honda OHV gasoline engines power MQ Centrifugal Pumps. They provide dependability and low maintenance.

Oil Alert
Standard on gasoline powered pumps; automatically shuts the engine down if the oil level is insufficient for safe operation.

Wraparound Frames
MQ Centrifugal Pumps include a heavy duty tubular steel frame for easy portability and component protection.

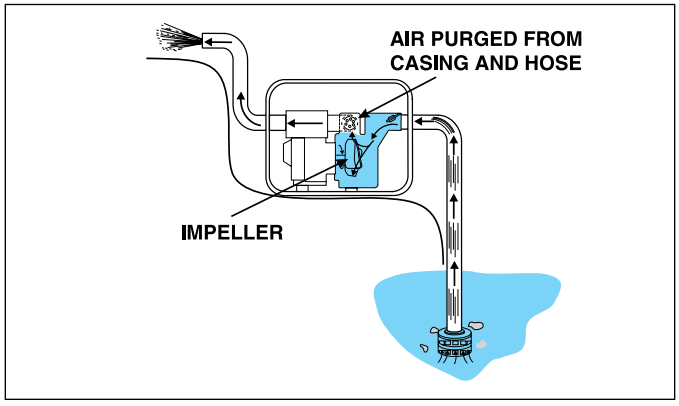
Strainers
Included with all models to prevent clogging. Prevents entry of solids larger than what the pump is capable of handling.

Wheel Kits
Optionally available wheel kits are easily installed and simplify mobility on the job site.

Centrifugal Pumps

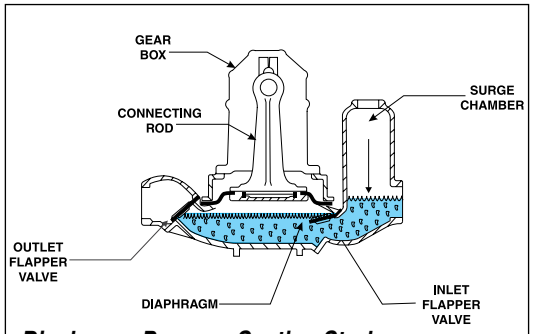
QP402H
4" x 4"
7.1 HP Honda*
Up to 425 gpm

QP303H
3" x 3"
4.8 HP Honda*
Up to 245 gpm

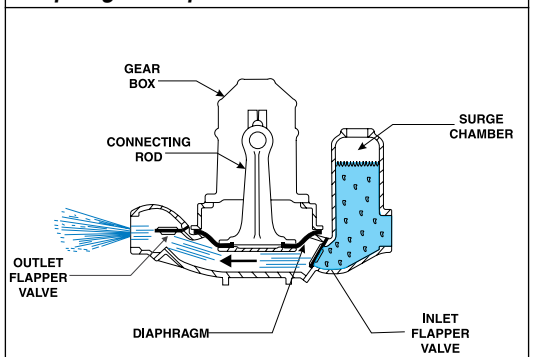


Standard Centrifugal Pumps provide an economical choice for general purpose dewatering. Centrifugal pumps uses a direct-mounted impeller to move the water by creating a partial vacuum. The velocity of the rotating impeller pressurizes the water through the discharge. These pumps should be used in clear water applications with limited solids, up to about 10% volume of solids with a maximum solid size of ¼ of the diameter of the pump ports.

High Pressure Centrifugal Pumps are designed to be used in applications requiring high discharge pressures and lower flows than standard centrifugal pumps. Used primarily for equipment wash-down, jetting, agricultural spraying, emergency stand-by fire fighting pumps and as prime movers for water trailers. These should be used in clear water applications with limited solids, up to about 10% volume of solids with a maximum solid size of ¼ of the diameter of the pump ports. Clear water only is needed for these pumps.



Diaphragm Pump — Suction Stroke



Diaphragm Pump — Discharge Stroke

Diaphragm Pumps use a positive displacement design rather than centrifugal force to move water through the casing. This means that the pump will deliver a specific amount of flow per stroke, revolution or cycle. Diaphragm pumps can be used with muddy water, up to 30% solids by weight.

High Pressure Centrifugal Pumps

These pumps offer a wide-range of application uses for moving water. The 205SLT meets the new U.S. Coast Guard standard for a portable fire-fighting pump (49 CFR Ch. 1 173.220).

The QP305SLT has a dual impeller system consisting of an open cast iron impeller that feeds to a closed aluminum impeller.

The QPT205SLT has a dual impeller system consisting of twin closed aluminum impellers.

All three models come with the same discharge manifold configuration as the other high pressure models, 1 each 1.5" and 2 each 1" discharge ports.

These models can be used in a large number of applications from firefighting to jetting to provide a means to presurize a water system for temporary use. The QPT205SH is a great choice for a new water trailer or as a pump replacement for a water trailer.

QP205SH
2" Suction;
Two 1" and One 1½" Discharge
4.8 HP Honda*
Up to 106 gpm

QPT205SLT
2" Suction;
Two 1" and One 1½" Discharge
7.1 HP Honda*
Up to 126 gpm

Great for wild fire protection!

QP305SLT
3" Suction;
Two 1" and One 1½" Discharge
9.5 HP Honda
Up to 145 gpm

Versatile
These compact centrifugal pumps are ideal for residential, agricultural and construction applications.

Performance
Produces up to 145 gallons per minute.

High Pressure
High pressure — up to 147 psi — is achieved through the unique design of its closed impeller and volute.

Three Discharge Ports
Two 1" and one 1½" ports may be used independently or simultaneously depending on your needs. Tethered caps are provided for each port.

Accessories Available:

- 1½" high pressure hose — 50 ft. lengths, quick connect coupler
- 1½" adjustable fire nozzle — NPT
- Kit 305SD — 3" Single Discharge Kit (for QP305SLT)
- Kit 205SD — 2" Single Discharge Kit (for QP205SH and QPT205SLT)

Applications
- **Jetting**
- **Irrigation**
- **Washing of heavy equipment in the field**
- **Dust control**
- **Water truck/water trailer — OEM sales**
- **Temporary pressurize...**
  - Water sprinkler systems
  - New golf courses
  - Greenhouses
  - Fire sprinkler systems
- **Water-main testing (up to 142 psi)**
- **High-head applications (up to 328 ft.)**
- **Fire fighting**
  - Volunteer fire departments
  - Brush fires, BLM, other agencies
  - Water relay
  - Home use in high fire-danger areas

Diaphragm Pumps

MQD3H
3" x 3"
3.5 HP Honda*
Up to 90 gpm

Positive displacement design ***for quick, easy priming.***

Built-in gear reduction ***allows use of engines with standard parallel-keyed shafts.***

Large flapper valves ***with readily replaceable seats.***

Cast aluminum pump body ***for reduced weight.***

MQD2H
2" x 2"
3.5 HP Honda*
Up to 50 gpm

Job site workhorses.

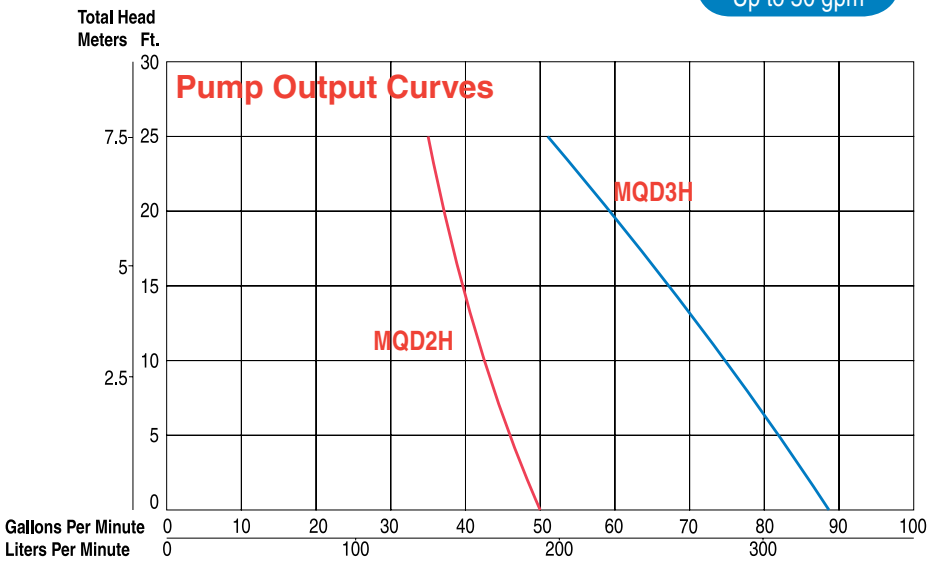
Long a favorite of the rental industry, Multiquip diaphragm pumps deliver dependable performance and low maintenance in an economical package. They are ideal for the slow seepage applications where a centrifugal pump would ordinarily lose its prime. They are perfect for muddy water, sludge or any water with a high percentage of solids.

Positive Displacement Design
2" and 3" models feature a positive displacement design for quick, easy priming.

Oil Bath Transmission
Includes built-in 6:1 gear reduction — allows use of engines with standard parallel-keyed shafts.

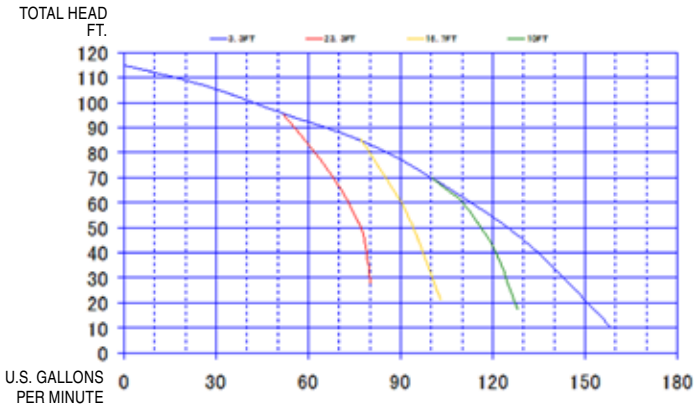
Engines
Dependable, easy starting Honda overhead valve (OHV) engines.

Wheel Kits
Standard on both units.

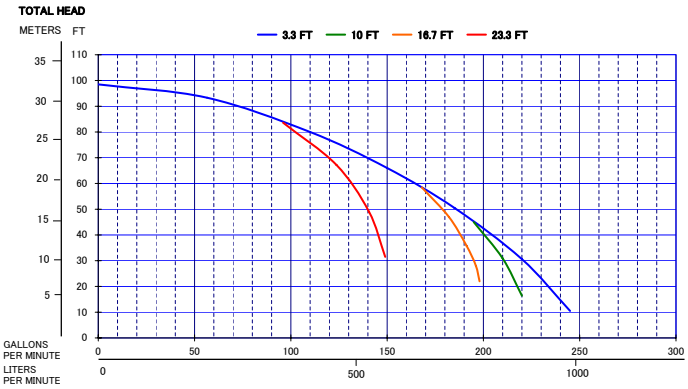


Pump Output Curves

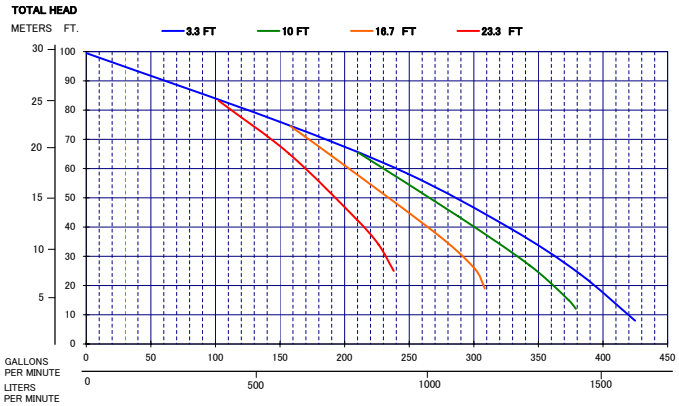
QP2H



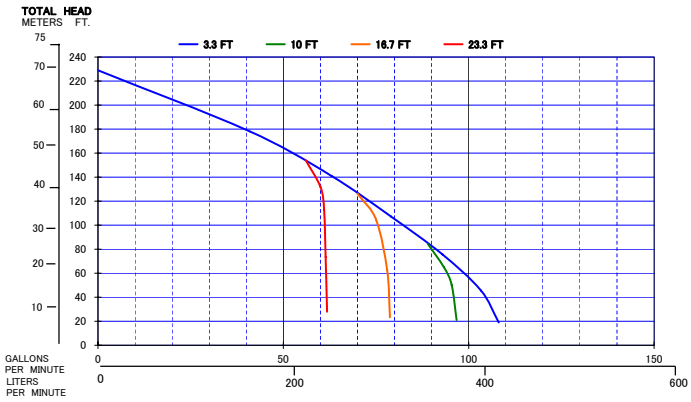
QP303H



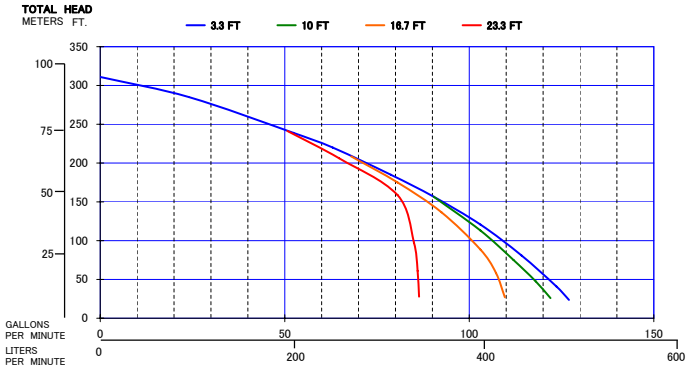
QP402H



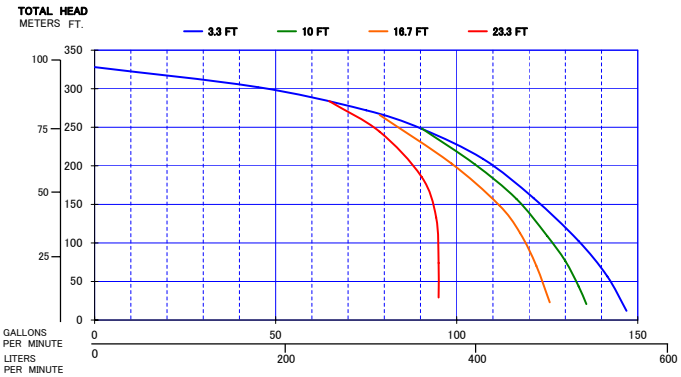
QP205SH



QPT205SLT



QP305SLT

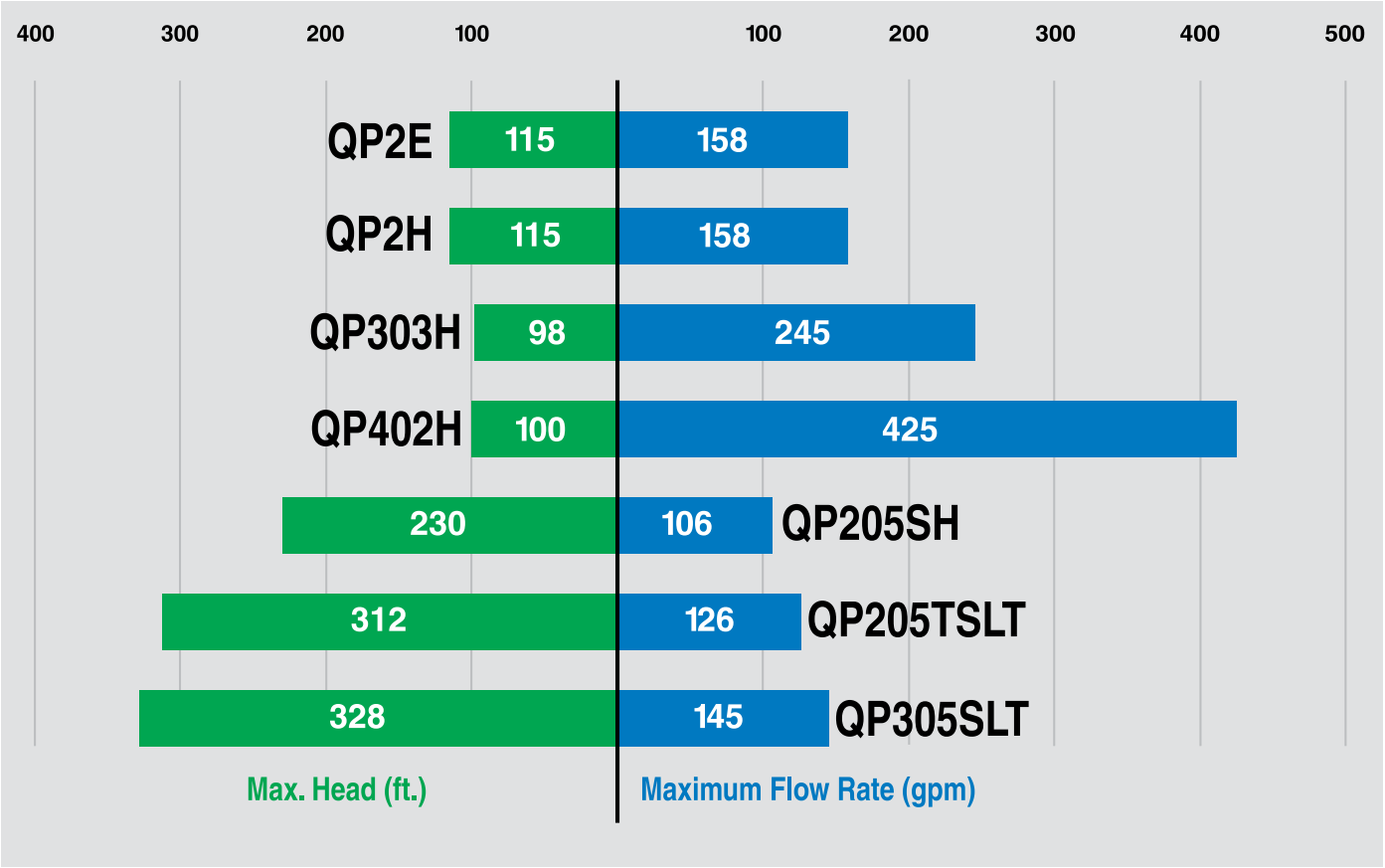


What You Should Know When Ordering a Pump

Your first concern is to pump water. Before making that telephone call to order your pump, there are a number of questions that need to be answered. The pump supplier wants to make certain that you get the pump you need. Knowing the answers to these questions will make their job easier and your ordering process much faster — and you'll know that you have the correct pump for your job.

- **What is your application?** *Describe your pumping application, what is it that you need to do with the pump.*
- **What is the liquid that you are pumping?** *If it is water, then describe the condition of the water and if you are pumping any solids or sand. Is it hot water? If it is something other than water, be very specific about the liquid and its properties.*
- **Are you looking for an approximate flow?** *Gallons per minute or per hour.*
- **What is the height from the surface of the water you are pumping from to the pump?**
- **What is the length and diameter of your discharge hose/pipe?**
- **Is there any vertical rise in the discharge hose?** *If so, what is the vertical distance from the pump to where the water is discharging, or the highest point along the discharge hose.*
- **Are you using rubber/PVC water hoses, steel pipe, or PVC pipe?**

There can be more questions but these few will give you a good start in getting the correct pump for your job.



Centrifugal and High Pressure pump outputs and maximum head at a glance.

Dewatering Pump Specifications

Model	Suction x Discharge in (mm)	Max. Capacity gpm (l)	Max. Lift ft (m)	Max. Head ft (m)	Max. Press. psi (kPa)	Max. Solids in (mm)	Engine	HP (kW)*	RPM	Fuel Capacity Qt. (l)	Starting Method	Wheel Kit (option)	Dimensions LxWxH in (mm)	Dry Weight lb (kg)
CENTRIFUGAL PUMPS														
QP2E	2 x 2 (51 x 51)	158 (598)	25 (7.6)	115 (35)	50 (345)	0.5 (13)	Robin EX-130	4.3 (3.2)	3600	2.8 (2.7)	Recoil	UWK	18.9x14.3x14.9 (480x363x378)	49 (22)
QP2H	2 x 2 (51 x 51)	158 (598)	25 (7.6)	115 (35)	50 (345)	0.5 (13)	Honda GX-120	3.5 (2.6)	3600	2.6 (2.5)	Recoil	UWK	18.9x14.3x14.9 (480x363x378)	53 (24)
QP303H	3 x 3 (76 x 76)	245 (931)	25 (7.6)	98 (30)	42.4 (293)	0.75 (19)	Honda GX-160	4.8 (3.6)	3600	3.8 (3.6)	Recoil	UWK	21.3x14.3x18.0 (540x360x450)	77 (35)
QP402H	4 x 4 (101 x 101)	425 (1615)	25 (7.6)	100 (30)	43.3 (299)	1.0 (25)	Honda GX-240	7.1 (5.3)	3600	6.3 (6)	Recoil	UWK	30.0x19.0x24.3 (760x480x610)	145 (65)
HIGH PRESSURE PUMPS														
QP205SH	2 suc. x 1½x1x1 discharge (51 suc. x 38x25x25 dis.)	106 (401)	25 (7.6)	230 (70)	100 (690)	0.18 (6)	Honda GX-160	4.8 (3.6)	3600	3.8 (3.6)	Recoil	UWK	20.0x15.0x16.5 (510x380x420)	64 (29)
QPT205SLT	2 suc. x 1½x1x1 discharge (51 suc. x 38x25x25 dis.)	126 (479)	25 (7.6)	312 (95)	135 (932)	0.18 (6)	Honda GX-240	7.1 (5.3)	3600	6.3 (6)	Recoil	UWK	25.2x18.9x23.2 (640x480x590)	99 (45)
QP305SLT	3 suc. x 1½ x1x1 discharge (76 suc. x 38x25x25 dis.)	145 (550)	25 (7.6)	328 (100)	142 (980)	0.18 (6)	Honda GX-340	9.5 (7.1)	3600	6.3 (6)	Recoil	UWK	28.0x20.5x23.8 (710x520x605)	110 (50)
DIAPHRAGM PUMPS														
MQD2H	2 x 2 (51 x 51)	50 (189)	25 (7.6)	50 (15)	x	1.0 (25)	Honda GX-120	3.5 (2.6)	3600	2.6 (2.5)	Recoil	Included	41.5x30.0x22.0 (1054x762x559)	138 (61)
MQD3H	3 x 3 (76 x 76)	90 (342)	25 (7.6)	50 (15)	x	1.5 (38)	Honda GX-120	3.5 (2.6)	3600	2.6 (2.5)	Recoil	Included	41.5x30.0x22.0 (1054x762x559)	139 (62)

* Engine power ratings are calculated by the individual engine manufacturer and the rating method may vary among engine manufacturers. Multiquip Inc. and its subsidiary companies makes no claim, representation or warranty as to the power rating of the engine on this equipment and disclaims any responsibility or liability of any kind whatsoever with respect to the accuracy of the engine power rating. Users are advised to consult the engine manufacturer's owners manual and its website for specific information regarding the engine power rating.

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All features and specifications are subject to change without notice.
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