









HVAC

GO WITH THE FLOW!

We are a



With a rich history dating back to 1981, we have established ourself as a trusted and innovative player in the fluid handling industry. We specialize in designing, manufacturing, and distributing a comprehensive range of pumping systems, valves, and related equipment.

Renowned for our commitment to excellence, we have become synonymous with quality, reliability, and customer satisfaction. Our products cater to a diverse range of industries, including commercial, residential, industrial, and municipal sectors. From HVAC systems and water treatment to industrial processes and more, our solutions are designed to meet the specific demands of each application.

What sets us apart is our dedication to continuous improvement and innovation. Through substantial investments in research and development, we consistently deliver cutting-edge solutions that address evolving market needs. Our skilled team of engineers, technicians,

and professionals ensures that each product meets stringent quality standards and performs at its best.

In addition to our product offerings, we provide expert guidance, technical assistance, and personalized solutions to ensure that clients make informed decisions and achieve optimal results. With a global presence, our influence extends beyond Canada, serving customers internationally and contributing to fluid management solutions around the world.

Overall, we're enduring legacy of excellence, innovation, and customer-centric approach positions us as a respected industry leader, dedicated to shaping the future of fluid handling technology.



Our Products Cater To A Diverse Range Of Industries, Including Commercial, Residential, Industrial, And Municipal Sectors.

QUALITY ASSURANCE

Each product undergoes rigorous testing and quality assurance procedures before leaving the factory. This meticulous approach ensures that every unit meets the highest standards of reliability and performance.

COMPLIANCE AND CERTIFICATIONS

Our commitment to reliability is underscored by our compliance with industry standards and certifications. Our products meet or exceed stringent regulations, providing customers with the assurance of reliable performance.



O CIRCULATOR & VERTICAL IN-LINE



500

Circulating Pump

Magna / Astro / UP / PL / 00

Magria / Asi	10/0P/PL/00
Capacities Max Flow	234 US GPM 54 m³/hr
Head Max	43 ft 14 m
Maximum Pressure	145 PSI 999 kPa
Horsepower	2/5 HP 280 kW
Application Water Glycol	Temperature 220°F 104°C
Driven by	ECM Motor, ERP Ready
Construction Materials	Cast Iron, stainless, bronze





500

Wet Rotor Smart Pump

Magna / Astro / UP / PL / 00

	GEM	GEB
Capacities Max Flow	299 US GPM 68 m³/hr	46 US GPM 11 m³/hr
Head Max	59 ft 18 m	39 ft 12 m
Maximum Pressure	145 PSI 999 kPa	145 PSI 999 kPa
Horsepower	2 HP 1.5 kW	0.3 HP 0.22 kW
Application	Temperature	Temperature
Water Glycol	230°F 110°C	203°F 95°C
Driven by	ECM Motor, ERP Ready	
Construction Materials	Cast Iron, stainless, bronze	





600

In-Line Circulator Pump

2400/1900/1600/S/H/90/60

Capacities	290 US GPM
Maximal Flow	61 m³/hr
Head	120 ft
Max	37 m
Maximum	250 PSI
Pressure	1724 kPa
Horsepower	10 HP 7.5 kW
Application Water Glycol	Temperature 250°F 121°C
Driven by	56C Electric Motors
Construction	Cast Iron, bronze fitted,
Materials	all bronze



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O VERTICAL IN-LINE



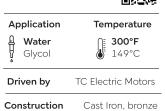
840SC

Vertical In-Line Centrifugal Split Coupling

4300 / 80SC / VLI / KS

Capacities 8 000 US GPM Max Flow 1816 m³/hr

Head	410 ft
Max	125 m
Maximum	600 PSI
Pressure	4136 kPa
Horsepower	400 HP 298 kW



Materials



fitted as standard.

Other materials also available upon request.



880

Compact In-Line Centrifugal

80 / VL / 4380

Capacities 3000 US GPM Max Flow 680 m³/hr

Head	650 ft
Max	198 m
Maximum	250 PSI
Pressure	1724 kPa
Horsepower	200 HP 149 kW

Application	Temperature
Water Glycol	300°F 149°C
Driven by	JM Electric Motors
Construction Materials	Cast Iron, bronze fitted as standard.
	Other materials also available upon request.



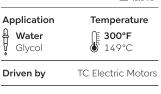
880RI

Vertical In-Line Centrifugal Split Coupling

4300/80SC/VLI/KS

Capacities3000 US GPMMax Flow680 m³/hr

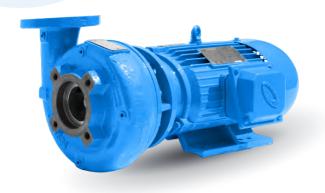
Head	650 ft
Max	198 m
Maximum	250 PSI
Pressure	1724 kPa
Horsepower	200 HP 149 kW



Construction Cast Iron, bronze fitted as standard. Other materials also available upon request.

HVAC · Vertical In-Line 4

O HORIZONTAL BASE MOUNTED



1000/1004

End Suction, Close Coupled

1530 / 1532 / CM / C / LCS / 4280

Capacities	1900 US GPM
Max Flow	431 m³/hr
Head	43 ft
Max	14 m
Pressure	175 PSI 1206 kPa

Horsepower	200 HP 149 kW
Driven by	JM Electric Motors
Application Water Glycol	Temperature 300°F 149°C



Construction Cast iron, bronze fitted as standard. Other materials also available upon request.





2000

Radially Split Bearing Frame Pump Mounted with Flexible Coupling, Back PULL-OUT Design

LF/F/4030/1510/FM

Capacities	1900 US GPM
Max Flow	431 m³/hr
Head	120 ft
Max	37 m
Pressure	175 PSI 1206 kPa

Horsepower	200 HP 149 kW
Driven by	T Frame Electric Motors or Diesel Engines
Application	Temperature
Water Glycol	300°F 149°C



available upon request.



5

2300/2600

Radially Split Bearing Frame Pump Mounted with Flexible Coupling, Back PULL-OUT Design

LF/F/4030/1510/FM

• •	
Capacities	6500 US GPM
Max Flow	1476 m³/hr
Head	410 ft
Max	125 m
Pressure	400 PSI 1206 kPa

Horsepower	500 HP 373 kW
Driven by	T Frame Electric Motors or Diesel Engines
Application Water Glycol	Temperature 300°F 149°C
Construction Materials	Cast iron, bronze fitted



available upon request.

HVAC · Horizontal Base Mounted

O SPLIT CASE DOUBLE SUCTION



4800L

Single Stage, Double Suction Split Case

VSX / TS	
Capacities	12 000 US GPM
Max Flow	2725 m³/hr

Head Max	750 ft 227 m
Maximum Pressure	600 PSI 4136 kPa
Horsepower	800 HP 597 kW

Temperature	Application
300°F 149°C	Water Glycol
Driven by Flect	ric Motors. Diese

Engines, Steam Turbines

Construction Cast iron, bronze Materials

fitted as standard. Other materials also available upon request.





4800U

Single Stage, Double Suction Split Case

VSX	
Capacities Max Flow	12 000 US GPM 2725 m³/hr

Head	750 ft
Max	227 m
Maximum	600 PSI
Pressure	4136 kPa
Horsepower	800 HP 597 kW

Temperature	Application
300°F 149°C	Water Glycol
-	

Driven by Electric Motors, Diesel Engines, Steam Turbines

Construction Cast iron, bronze fitted as standard. **Materials** Other materials also available upon request.





4800V

Vertically Mounted, Single Stage, Double Suction Split Case

KPV	
Capacities	12 700 US GPM
Max Flow	2884 m³/hr

Head	625 ft
Max	190 m
Maximum	600 PSI
Pressure	4136 kPa
Horsepower	1750 HP 1305 kW

Temperatu	ıre Application
300°F 149°C	⊕ Water ↓ Glycol
Driven by	Electric Motors Diesel Engines, R.A.G.D

Construction Cast iron, bronze Materials fitted as standard. Other materials also available upon request.



Horizontally Mounted, Single Stage, Double Suction Split Case



HSC / 4600 / KPGT / HS

Capacities	12 700 US GPM
Max Flow	54 m³/hr
Head	625 ft
Max	190 m
Maximum	600 PSI
Pressure	4136 kPa
Horsepower	1750 HP 1305 kW

Water Glycol	Temperature 300°F 149°C
Driven by	Electric Motors, Diesel Engines, Steam Turbines
Construction Materials	Cast Iron, bronze fitted as standard. Other materials also available upon request.

4800/4800H/4900

Designed with efficiency, reliability, and spacesaving in mind, these pumps offer exceptional performance for a wide range of applications.

COMPACT DESIGN

The Compact In-Line Centrifugal Pump Series features three models: the 4800, 4800H, and 4900. Each model is engineered with precisior and built to meet the demands of modern industries. These pumps are characterized by their compact design, making them ideal for installations where space is limited or when a streamlined footprint is desired.

DURABLE

All models in the Compact In-Line Centrifugal
Pump Series are engineered with durability in
mind. They feature high-quality materials,
corrosion-resistant components, and precise
manufacturing processes. This ensures longevity
and reliable operation even in demanding
environments

LOW MAINTENANCE

In addition to their compact design and exceptional performance, these pumps offer easy installation and maintenance. They are designed for hassle-free integration into existing systems, and routine maintenance tasks can be completed quickly, minimizing downtime and optimizing system performance.



O PLATE & FRAME HEAT EXCHANGERS



FFW AHRI

Plate and Frame Heat Exchangers

Steam to Water, Water to Water, Glycol to Water

	•	10000 US GPM 2271 m³/h	250 PSI Steam
Maximum Pressure			300 PSI 2068 kPa
Application Water Glycol Steam			Temperature 300°F 144°C
Construction Materials			el, titanium and stainless steel.





BR

Brazed Heat Exchangers

Steam to Water, Water to Water, Glycol to Water

Capacities Max Flow	400 US GPM 91 m³/h	150 lbs Steam
Maximum Pressure		300 PSI 2068 kPa
Application Water Glycol Steam		Temperature 300°F 144°C
Construction Materials	,	tainless steel. her materials upon request.





W, S

Shell & Tube Heat Exchangers

_	
W	S
Water to water Glycol to water	Steam to water
Capacities Max Flow	3000 US GPM 681 m³/h
Maximum Pressure	250 PSI 1724 kPa
Application ① Water ③ Glycol • Steam	Temperature 300°F 144°C
	n steel or stainless vith stainless steel



O TANKS & AIR SEPARATORS



SEP

Vortex Tangential Air Separator

RL		

Capacities 67 000 US GPM Max Flow 15 217 m³/hr

Maximum	250 PSI
Pressure	1724 kPa
Temperature	550°F 288°C



stainless steel

Materials



ADSR/ADSF

In-Line Air/Dirt Separator

4900	
Capacities	12 100 US GPN
Max Flow	2748 m³/hr

Maximum	250 PSI
Pressure	1724 kPa
Temperature	550°F 288°C

Connections Diameter	2 to 36 in 50 to 914 mm
Construction Materials	Carbon steel or stainless steel



RLU/RWU //RSE

Hot Water Storage Tank with Heater / Hot Water Storage Tank

Capacities	15 000 Gallons
Max Flow	56 781 L.

Maximum	250 PSI
Pressure	1724 kPa
Liquid Temperature	550°F 288°C





RDT/BT

Non Replaceable Bladder Expansion Tank / Replaceable Bladder Exp. Tank

RDT: AX/OT/NTA/CAX/D
BT: AL/NLA/CA/B/ST-DHW

Capacities	3962 US GPM
Max Flow	15 000 L.

Maximum	250 PSI
Pressure	1724 kPa
Temperature	240°F 115°C

Connections Diameter	1 to 3 in 25 to 75 mm
Construction Materials	Carbon steel, EPDM

O COMPARISON CHART

VERTICAL & HORIZONTAL IN-LINE

FLO FAB

GEM 40-120F 250 (N)
GEM 40-180F 250 (N)
GEM 50-180F 280 (N)
GEM 65-80 340 F (N)
GEM 65-150F 340 (N)
GEM 80-120F

GEM 100-120 F

Grundfos	Power (W)	Connection (mm)	Flange size/ Connection type	Max head (m)	Max flow (m³/h)
MAGMA3 40-120 F (N)	15.01 463 W	250 mm	DN 40	120 m	24 m³/h
MAGMA3 40-180 F (N)	16.01 615 W	250 mm	DN 40	180 m	26.2 m³/h
MAGMA3 50-180 F (N)	22.13 769 W	280 mm	DN 50	180 m	37.5 m³/h
MAGMA3 65-80 F (N)	24.17 476 W	340 mm	DN 65	80 m	40 m³/h
MAGMA3 65-150 F (N)	30.7 1263 W	340 mm	DN 65	150 m	56 m³/h
MAGMA3 80-120 F	30.5 1277 W	360 mm	DN 80	120 m	60 m³/h
MAGMA3 100-120 F	31.11 1523 W	450 mm	DN 100	120 m	68 m³/h

Flo Fab	
Series	
600	
Max GPM 270	
Max Head 120	
Series	
600	
Max GPM 270	
Max Head 120	

Armstrong	Taco	Weinman	Trush	Paco
Series	Series	Series	Series	Series
H/1060	1600	GT	GT	GT
Max GPM 145	Max GPM 200	Max GPM 145	Max GPM 145	Max GPM
Max Head 55	Max Head 55	Max Head 55	Max Head 55	Max Head
Series	Series	Series	Series	Series
1050	1900	GTV	GTV	GTV
Max GPM 300	Max GPM 200	Max GPM 150	Max GPM 150	Max GPM
Max Head 55	Max Head 65	Max Head 55	Max Head 55	Max Head -
	Series H/1060 Max GPM 145 Max Head 55 Series 1050 Max GPM 300 Max Head	Series Series H/1060 1600 Max GPM Max GPM 145 200 Max Head 55 Series Series 1050 1900 Max GPM Max GPM 300 200 Max Head Max Head	Series Series Series H/1060 1600 GT Max GPM Max GPM Max GPM 145 200 145 Max Head Max Head Max Head 55 55 55 Series Series Series 1050 1900 GTV Max GPM Max GPM Max GPM 300 200 150 Max Head Max Head Max Head	Series Series Series Series H/1060 1600 GT GT Max GPM Max GPM Max GPM Max GPM 145 200 145 Max Head 55 55 55 55 Series Series Series Series 1050 1900 GTV GTV Max GPM Max GPM Max GPM Max GPM 300 200 150 150 Max Head Max Head Max Head Max Head

HVAC · Comparison Chart

VERTICAL & HORIZONTAL IN-LINE

Max GPM 1800

Max Head 400

Flo Fab	Bell & Gossett	Armstrong	Taco	Weinman	Trush	Pace
Series	Series	Series	Series	Series	Series	Series
840SC	80SC	4300	N/A	N/A	N/A	VLS
Max GPM 13000	Max GPM 2500	Max GPM 13000	Max GPM	Max GPM	Max GPM	Max GPM 450
Max Head 650	Max Head 380	Max Head 550	Max Head	Max Head -	Max Head -	Max Head 440
Series	Series	Series	Series	Series	Series	Series
880	80	4380	KV/VI	CV	TV	VL
Max GPM 2800	Max GPM 2500	Max GPM 2000	Max GPM 2000	Max GPM 1200	Max GPM 850	Max GPM 4050
Max Head 560	Max Head 380	Max Head 450	Max Head 130	Max Head 350	Max Head 160	Max Head 440
Series	Series	Series	Series	Series	Series	- Series
880RI	80SC	4300	N/A	N/A	N/A	N/A
Max GPM 13 000	Max GPM 2500	Max GPM 13 000	Max GPM	Max GPM	Max GPM	Max GPM 450
Max Head 650	Max Head 380	Max Head 550	Max Head -	Max Head -	Max Head -	Max Head 440
Series	Series	Series	Series	Series	Series	Series
N/A	N/A	4302/4382	N/A	N/A	N/A	N/A
Max GPM -	Max GPM	Max GPM 2500	Max GPM	Max GPM	Max GPM	Max GPM -
Max Head -	Max Head -	Max Head 400	Max Head -	Max Head -	Max Head -	Max Head -
	FRAME MOUNT					
Series	Series	Series	Series	Series	Series	Series
Series				Series N/A Max GPM	Series N/A Max GPM	Series N/A Max GPM
Series 1000 Max GPM 1800	Series N/A	Series N/A	Series N/A	N/A	N/A	N/A
Series 1000 Max GPM 1800 Max Head 400	Series N/A Max GPM - Max Head -	Series N/A Max GPM - Max Head -	Series N/A Max GPM - Max Head	N/A Max GPM - Max Head -	N/A Max GPM - Max Head	Max GPM - Max Head
Series 1000 Max GPM 1800 Max Head 400 Series	Series N/A Max GPM - Max Head - Series	N/A Max GPM - Max Head - Series	Series N/A Max GPM Max Head Series	Max GPM - Max Head - Series	N/A Max GPM Max Head Series	Max GPM - Max Head - Series
Series 1000 Max GPM 1800 Max Head 400 Series 2000 Max GPM	Series N/A Max GPM - Max Head -	Series N/A Max GPM - Max Head -	Series N/A Max GPM - Max Head	N/A Max GPM - Max Head -	N/A Max GPM - Max Head	Max GPM - Max Head
Series 1000 Max GPM 1800 Max Head 400 Series 2000 Max GPM 1800 Max GPM 1800 Max Head	Series N/A Max GPM - Max Head - Series 1510 Max GPM	Series N/A Max GPM - Max Head - Series 4030 Max GPM	Series N/A Max GPM Max Head Series FE/FI Max GPM	N/A Max GPM Max Head Series 550 Max GPM	N/A Max GPM Max Head Series PH/HPF Max GPM	Max GPM - Max Head - Series LF Max GPM
Series 1000 Max GPM 1800 Max Head	Series N/A Max GPM - Max Head - Series 1510 Max GPM 2800 Max Head	Series N/A Max GPM - Max Head - Series 4030 Max GPM 2200 Max Head	Series N/A Max GPM - Max Head - Series FE/FI Max GPM 2000 Max Head	N/A Max GPM - Max Head - Series 550 Max GPM 2000 Max Head	N/A Max GPM - Max Head - Series PH/HPF Max GPM 1700 Max Head	N/A Max GPM Max Head Series LF Max GPM 6000 Max Head

Max GPM

Max Head

4500

600

Max GPM

Max Head

HORIZONTAL SPLIT CASE SIDE SUCTION SIDE DISCHARGE

Flo Fab	Bell & Gossett	Armstrong	Taco	Weinman	Trush	Paco
Series	Series	Series	Series	Series	Series	Series
4800H	HSCS	4600	TA	1200	N/A	N/A
Max GPM 12000	Max GPM 10000	Max GPM 5000	Max GPM 5000	Max GPM 6000	Max GPM	Max GPM
Max Head 800	Max Head 800	Max Head 550	Max Head 400	Max Head 400	Max Head	Max Head

HORIZONTAL SPLIT CASE SIDE SUCTION TOP DISCHARGE

| Series |
|----------|----------|----------|----------|----------|----------|----------|
| 4800L | VSCS | N/A | N/A | N/A | N/A | N/A |
| Max GPM |
| 8000 | 10000 | | | | | <u> </u> |
| Max Head |
| 500 | 400 | - | - | - | - | - |

HORIZONTAL SPLIT CASE TOP SUCTION & TOP DISCHARGE

Series	Series	Series	Series	Series	Series	Series
4800U	VSC	N/A	N/A	N/A	N/A	N/A
Max GPM 8000	Max GPM 10000	Max GPM				
Max Head	Max Head	Max Head	Max Head	Max Head	Max Head	Max Head
500	400	-	-	-	_	-

VERTICAL SPLIT CASE SIDE SUCTION & SIDE DISCHARGE

| Series |
|----------|----------|----------|----------|----------|----------|----------|
| 4800V | HSC-3 | N/A | N/A | N/A | N/A | KPV |
| Max GPM |
| 12000 | 6000 | | | | | 12750 |
| Max Head |
| 800 | 570 | - | - | - | - | 700 |

HVAC · Comparison Chart

OUR WARRANTY



5 Years Warranty On Pumps

We stand behind the quality and performance of our pumps and are pleased to offer a extensive five-year warranty. This warranty is designed to provide the customer with peace of mind, ensuring that the pump functions optimally for the duration of the warranty period.

 Coverage: This warranty covers defects in materials and workmanship for a period of five years from the date of purchase. It applies to all components of the pump, including the motor, impeller, casing, seals, and other integral parts.

- Repair or Replacement: In the event of a defect covered by this warranty, we will, at our discretion, either repair or replace the pump or its defective components free of charge. The decision to repair or replace will be based on the extent of the defect and feasibility.
- 3. Exclusions: The warranty does not cover defects or damages resulting from normal wear and tear, improper installation, misuse, neglect, unauthorized repairs or modifications, accidents, or any other factors beyond our control. It also does not cover damage caused by external factors, such as power surges, environmental conditions, or acts of nature.
- 4. Notification and Return Process: In the event that you encounter an issue covered by this warranty, please contact our customer support team immediately. They will provide guidance on troubleshooting steps or initiate the return process, if necessary. You will be responsible for shipping the pump or its defective parts to our designated service center at your own expense, unless otherwise agreed upon with our customer support team.
- Warranty Validation: To validate your warranty, please retain your original purchase receipt or any other proof of purchase. This will be required when filing a warranty claim.

- Transferability: This warranty is non-transferable and applies only to the original purchaser of the pump. It cannot be extended or transferred to subsequent owners.
- 7. Limitations of Liability: Our liability under this warranty is limited to the repair or replacement of the defective pump or its components as described in Section 2. We are not liable for any indirect, incidental, or consequential damages arising from the use or inability to use the pump, even if we have been advised of the possibility of such damages.
- Governing Law: This warranty is governed by and construed in accordance with the laws of Quebec, Canada, without regard to its conflict of laws principles.

Please note that this warranty is an additional benefit provided by us and does not affect your statutory rights as a consumer. For further information or clarification on any aspect of this warranty, please contact our customer support team.



8 Years Warranty On Package

Terms & Conditions

We are confident in the quality and performance of our product and are pleased to offer a comprehensive eight-year warranty that covers both parts and labor on package. This warranty aims to ensure the customer complete satisfaction with the pump package throughout the specified warranty period.

- 1. Coverage: This warranty covers any defects in materials and workmanship of the items manufactured by Flo Fab on the pump package, including pump, valves, and other related Flo Fab components, for a period of eight years from date of purchase.
- Parts Replacement: In the event of any covered defects, we will provide free Flo Fab replacement parts required to rectify the issue.

This includes components that fail due to manufacturing defects or normal wear and tear under normal operating conditions.

- 3. Labor Coverage: In addition to parts replacement, this warranty includes the cost of labor required to perform repairs or replace faulty components. Our qualified technicians will carry out the necessary repairs or replacements without any additional cost to you. "Overtime labor is not covered by this warranty"
- 4. Exclusions: This warranty does not cover defects or damages resulting from improper installation (See Annexe B.2 for Installation check list and request for commissioning Engineer), misuse, negligence, unauthorized repairs or modifications, accidents, lack of proper maintenance, or any other factors beyond the manufacturer's control. It also does not cover damages caused by external factors, such as power surges, environmental conditions, or acts of nature.
- 5. Notification and Claim Process: If you encounter any issues covered by this warranty, please notify our support team immediately. They will provide guidance on troubleshooting steps or initiate the warranty process. To ensure a smooth resolution, please provide

any relevant details, such as nature of the problem, serial number of your equipment and/or quote #.

- 6. Warranty Validation: To validate your warranty, completed Installation check list + Factory supervision start up is required (See Annexe C for Rates, Terms and Conditions for FIELD service & Technical support). This will be required when filing a warranty claim.
- 7. Transferability: This warranty is non-transferable and applies only on the original purchaser of the pump package. It cannot be extended or transferred to subsequent owners.
- 8. Limitations of Liability: Our liability under this warranty is limited to the repair or replacement of the defective Flo Fab components, as described in Sections 2 and 3. We are not liable for any indirect, incidental, or consequential damages arising from the use or inability to use the pump package, even if we have been advised of the possibility of such damages.
- Governing Law: This warranty is governed by and construed in accordance with the laws of Quebec,
 Canada, without regards to its conflict of laws principles.

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OUR BEST PROJECTS



One World Trade Center

285 Fulton Street, New York, NY 10006, USA



St-Joseph Women Hospital

3030 W Dr Martin Luther King Jr Blvd, Tampa, FL 33607, USA

LCOO Large Cooling Package



Brock University

1812 Sir Isaac Brock Way, St. Catharines, ON L2S 3A1 Canada



Four Seasons Hotel

60 Yorkville Ave, Toronto, ON M4W 0A4 Canada



Aston Martin

6600 Madison St, Port Richey, FL 34652, USA

Quadruplex Booster



Houston Marriott West Loop By The Galleria

1750 West Loop South, Houston, TX 77027, USA

OS SON SHIH





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