



AQUARIUS PUMP COMPANY

10NHPP

AVAILABLE MOUNTING CONFIGURATIONS

10NHPP-F12K FRAME MOUNT

OPERATING LEVELS

MIN FLOW	525 GPM	119.24 m ³ /h
MAX FLOW	4250 GPM	965.28 m ³ /h
DISCHARGE SIZE	10"	254 mm
SUCTION SIZE	10"	254 mm
SOLIDS HANDLING	7.5"x12"	184mm x 305mm
MAX SPEED	810 RPM	810 RPM
SHUT-OFF HEAD	104'	31.7 m
BEP HEAD	50'	15.24 m
BEP FLOW	3200 GPM	726.80 m ³ /h
BEP PERCENT	70%	70%



A typical picture of the pump is shown. Please contact Aquarius Pump Company for further details. All information is approximate and for general guidance only.

PARTS	STANDARD MATERIAL (FOOD PUMPS)
WEAR RING	CAST IRON, ASTM A48
IMPELLER	DUCTILE IRON, ASTM A536
VOLUTE	DUCTILE IRON, ASTM A536
SHAFT	STRESSPROOF STEEL
SHAFT SLEEVE	316 STAINLESS STEEL
SEAL HOUSING	DUCTILE IRON, ASTM A536
SEAL	FOOD GRADE PACKING
BEARING FRAME	CAST IRON, ASTM A536

The 10NHPP pump is designed with Aquarius's renowned quality and durability. It features an 10" discharge and a 10" suction with an offset volute and enclosed, single-port impeller. Aquarius's patented Cycloseal® design is optional, with a Type 2 single mechanical seal with Buna-N elastomers, stainless steel hardware and tungsten carbide vs. silicon carbide seal faces for abrasion resistance. Also available with food-grade packing. Bearings are heavy-duty, oil or grease lubricated, deep groove ball bearings with a minimum of 50,000 hours bearing life.

- Offset Volute Design, passes food through the center of discharge without contacting the volute wall
- Single port impeller for handling whole or processed foods
- Available with Food grade packing (Standard) or Cycloseal
- Standard with Ductile iron wet end and a 304SS impeller
- Optional Run-Dry lubrication system



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



OIL & GAS



REFRIGERATION



RENTAL



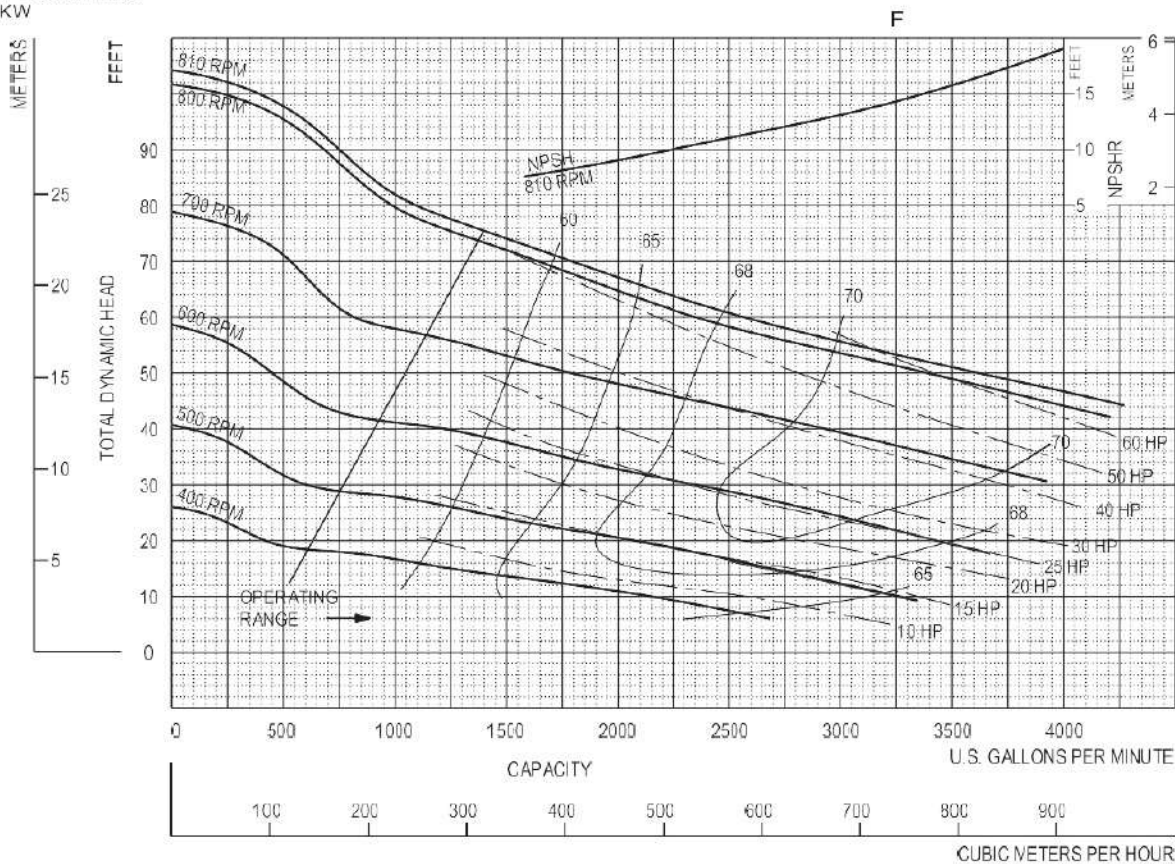
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10NHPP

Feet x .305 = Meters
 Inches x 25.4 = Millimeters
 GPM x .227 = Cubic Meters/Hour
 GPM x 3.785 = Liters/Minute
 HP x .746 = KW

Speed	Impeller Dia.	Style	Solids Dia.	N _S	Suction	Discharge	No. vanes
VARIOUS	21"	ENCLOSED	7.25x12"	2600	10"	10"	1

Performances shown are for cool water, close-coupled electric configuration with Cyclopaal.® Other mounting configurations, seal arrangements or liquids may require horsepower and/or performance adjustments.



SUPERSEDES: 6/21/10

10NHPPVA

5/21/14



Aquarius Pump Company

10NHPP- VARIOUS RPM