



AQUARIUS PUMP COMPANY

8NHPP

AVAILABLE MOUNTING CONFIGURATIONS

8NHPP-F18K FRAME MOUNT

OPERATING LEVELS

MIN FLOW	525 GPM	119.24 m ³ /h
MAX FLOW	1600 GPM	363.40 m ³ /h
DISCHARGE SIZE	8"	200 mm
SUCTION SIZE	8"	200 mm
SOLIDS HANDLING	5"x9"	127mm x 228.6mm
MAX SPEED	950 RPM	950 RPM
SHUT-OFF HEAD	86'	26.21 m
BEP HEAD	47'	14.3 m
BEP FLOW	1400 GPM	317.97 m ³ /h
BEP PERCENT	65%	65%



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	304 STAINLESS STEEL
VOLUTE	DUCTILE IRON, ASTM A536
SHAFT	STRESSPROOF STEEL
SHAFT SLEEVE	303 STAINLESS STEEL
SEAL HOUSING	DUCTILE IRON, ASTM A536
SEAL	FOOD GRADE PACKING
BEARING FRAME	CAST IRON, ASTM A48

The 8NHPP pump is designed with Aquarius's renowned quality and durability. It features an 8" discharge and a 8" 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



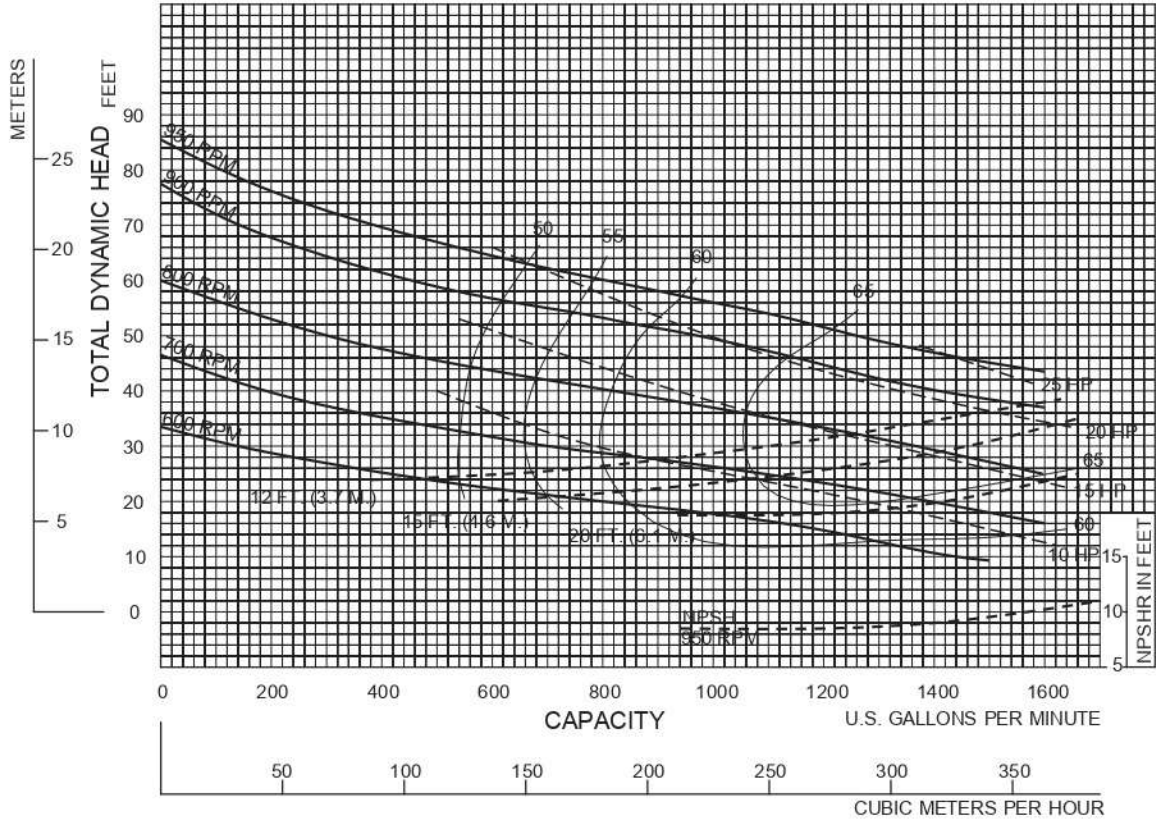
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Feet x .305 = Meters
 Inches x 25.4 = Millimeters
 GPM x .227 = Cubic Meters/Hour
 GPM x 3.785 = Liters/Minute
 HP x .746 = KW

Speed	Impeller Dia.	Style	Solids Dia.	N _S	Suction	Discharge	No. vanes
VARIOUS	16.38"	ENCLOSED	5"x9"	2100	8"	8"	1

SINGLE VOLUTE MOUNTING CONFIG.: CC, VM, F, VF, EM, VC



Performances shown are for cool water, close-coupled electric configuration with Cylindrical. Other mounting styles or liquids may require horsepower and/or performance adjustments.

NEW PAGE

8NHPPVA

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Aquarius Pump Company

8NHPP - VARIOUS RPM