



# AQUARIUS PUMP COMPANY

## 3HT

### AVAILABLE MOUNTING CONFIGURATIONS

3HT-CAN SEMI-HERMETIC CLOSE-COUPLED

### OPERATING LEVELS

MIN FLOW	60 GPM	3.8 L/S
MAX FLOW	770 GPM	48.6 L/S
DISCHARGE SIZE	3"	76.2 mm
SUCTION SIZE	6"	152.4 mm
MAX SPEED	1800 RPM	1800 RPM
MIN PRESSURE	20 PSID	137.9 kPa
MAX PRESSURE	78 PSID	537.8 kPa
MIN NPSHR	3.5'	1.1 m
BEP HEAD	65 PSID	448.2 kPa
BEP FLOW	603 GPM	38 L/S
BEP PERCENT	58%	58%



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 (ALL IRON)
IMPELLER	CAST IRON
VOLUTE	DUCTILE IRON
SHAFT	304 STAINLESS STEEL
VALVES	FORGED STEEL
O-RINGS	NEOPRENE
MOTOR	CAN 316 SS WITH CARBON-GRAPHITE BEARINGS

The 3HT Hermetic Refrigeration pump is designed with Aquarius's renowned quality and durability. It features a 3" discharge, a 6" suction, and an enclosed impeller. The four-pole and six-pole motors are totally enclosed, and liquid cooled. The single stage impeller enhances NPSHr characteristics throughout the entire operating range. Bearings are replaceable, carbon-graphite material, and of a hydrodynamic design.

- Excellent NPSHr
- 1800/1500 RPM and 1200/1000 RPM operation speeds for reduced wear
- Flange to flange drop-in replacement for Aquarius Open Drive Pumps
- Built-in bearing condition indicator
- CSA-Approved motor
- Three-year warranty
- Enhanced vapor handling abilities
- Heavy Duty Construction



