



AQUARIUS PUMP COMPANY

4514T-F

AVAILABLE MOUNTING CONFIGURATIONS

4514T-RP-F REDI-PRIME FRAME MOUNT
 4514T-F FRAME MOUNT
 4514T-RP-EM REDI-PRIME ENGINE MOUNT
 4514T-EM ENGINE MOUNT
 4514T-VF VERTICAL FRAME MOUNT
 4514T-VC VERTICAL COUPLED

OPERATING LEVELS

MIN FLOW	450 GPM	102.2 m ³ /h
MAX FLOW	2010 GPM	456.5 m ³ /h
DISCHARGE SIZE	4"	101.6 mm
SUCTION SIZE	5"	127 mm
SOLIDS HANDLING	3"	7.6 mm
MAX SPEED	2300 RPM	2300 RPM
SHUT-OFF HEAD	395'	120.4 m
BEP HEAD	260'	79.2 m
BEP FLOW	1650 GPM	374.8 m ³ /h
BEP PERCENT	74%	74%



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)
WEAR RING	CAST IRON ASTM A48
IMPELLER	CAST IRON ASTM A48
VOLUTE	CAST IRON ASTM A48
SHAFT	SAE 1144 "STRESSPROOF"
SHAFT SLEEVE	416 STAINLESS STEEL
SUCTION COVER	CAST IRON ASTM A48
MECHANICAL SEAL	T-2, BUNA, TUNGSTEN/SILICON CARBIDE/STAINLESS
BEARING FRAME	CAST IRON ASTM A48
BACKPLATE	CAST IRON ASTM A48

The 4514T pump is designed with Aquarius's renowned quality and durability. It features a 4" discharge, 5" suction, and enclosed impeller. Aquarius's patented Cycloseal[®] design is standard, with a Type 1 or 2 single mechanical seal with Buna-N elastomers, stainless steel hardware and tungsten carbide vs. silicon carbide seal faces for abrasion resistance.

- High Efficiency
- Cycloseal Sealing System
- Low NPSHr
- Robust Construction
- Long Bearing life
- Can be fitted with cutters without dimension changes
- Two year warranty



AGRICULTURE



FOOD



INDUSTRIAL



MINING



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OIL & GAS



REFRIGERATION



RENTAL

