

QUICK FACT SHEET

Large Circulating Pumps



VersaFlo® UPS

MODEL: UPS32	MODEL: UPS40	MODEL: UPS50	MODEL: UPS80	MODEL: UPS100
FLOW RANGE: 9-78 U.S. gpm	FLOW RANGE: 13-134 U.S. gpm	FLOW RANGE: 20-180 U.S. gpm	FLOW RANGE: 30-270 U.S. gpm	FLOW RANGE: 30-270 U.S. gpm
HEAD RANGE: 1 to 46 feet	HEAD RANGE: 1 to 62 feet	HEAD RANGE: 1 to 62 feet	HEAD RANGE: 1.5 to 50 feet	HEAD RANGE: 2 to 12.5 feet
TEMPERATURE: • Ambient Air = 32°F (0°C) to 104°F (40°C) • Minimum Fluid = 14°F (-10°C)		• Maximum Fluid (Open System) = 140°F* (60°C) • Maximum Fluid (Closed System) = 230°F (110°C)		PRESSURE: 145 psi max. (working)

FLANGES: • UPS32 = 1-1/4" & 1-1/2", 2-Bolt with (2) 1/2" diam. holes
 • UPS40 = 1-1/2", 2-Bolt with (2) 1/2" diam. holes
 • UPS50 = 2", 4-Bolt with (4) 9/16" diam. holes
 • UPS80 & 100 = 3" & 4" ANSI 125 lb. R.F.

MATERIALS OF CONSTRUCTION:

DESCRIPTION	MATERIAL	DESCRIPTION	MATERIAL	DESCRIPTION	MATERIAL
Impeller, Bearing Plate, Rotor Cladding, Bearing Retainers, Rotor Impeller, Rotor Can	AISI 304 SS	Shaft (bronze pumps)	AISI 316 SS	Rotor End Caps	Copper or Brass
Impeller Seal Ring	AISI 304 SS/Teflon®*	Shaft Bearing Journals	Tungsten Carbide	Upper & Lower Radial Bearings	Ceramic Al203
Inspection/Vent Screw, Shaft (cast iron pumps) Split Cone, Split Cone Nut	AISI 303 SS	Pump Housing*	Cast Iron ASTM GG25	Thrust Bearing	Carbon MY 106
		* Bronze - Optional	35B-40B	O-rings	EPDM
		Stator Housing	Aluminum AISI 10Cu2	Terminal Box, Nameplate	Composite PA66
				Plug for Sensor	Stainless Steel



VersaFlo® TP

MODEL: TP32	MODEL: TP40	MODEL: TP50	MODEL: TP80	MODEL: TP100
FLOW RANGE: 8-70 U.S. gpm	FLOW RANGE: 8-100 U.S. gpm	FLOW RANGE: 8-150 U.S. gpm	FLOW RANGE: 12-240 U.S. gpm	FLOW RANGE: 25-300 U.S. gpm
HEAD RANGE: 3.5 to 47 feet	HEAD RANGE: 5 to 63 feet	HEAD RANGE: 7 to 63 feet	HEAD RANGE: 4 to 67.5 feet	HEAD RANGE: 3 to 49 feet
TEMPERATURE: • Ambient Air = 104°F (40°C)		• Maximum Fluid = 288°F (140°C) • Minimum Fluid = 5°F (-15°C)		PRESSURE: 145 psi max. (working)

FLANGES: • TP32 = 1-1/4" & 1-1/2", 2-Bolt with (2) 1/2" diam. holes
 • TP40 = 1-1/2", 2-Bolt with (2) 1/2" diam. holes
 • TP50 = 2", 4-Bolt with (4) 9/16" diam. holes
 • TP80 = 3" ANSI 125 Lb. R.F.
 • TP100 = 4" ANSI 125 Lb. R.F.

MOTORS:
ODP - Standard
TEFC - Optional

MATERIALS OF CONSTRUCTION:

DESCRIPTION	MATERIAL	DESCRIPTION	MATERIAL	DESCRIPTION	MATERIAL
Air Vent Screw	Brass	Pump Shaft	AISI 431 SS	Mechanical Shaft Seal:	
Impeller Seal Ring	AISI 304 SS/Teflon®*	Plug for Sensor	Stainless Steel	Stationary Face	Carbon
Impeller, Sealing Plate, Split Cone, Coupling Guard, Dist. Cup	AISI 304 SS	Pump Housing*, Motor Stool*, Coupling Halves	Cast Iron ASTM GG25 *Bronze - Optional (35b-40b)	Rotating Face	Tungsten Carbide
O-rings	EPDM	Split Cone Nut	AISI 430F SS	Secondary Seal	EPDM
Pipe Plug for Flange	Steel/AISI 304 SS in bronze pumps			Seal Drivers	AISI 316 SS
				Spring	AISI 316 SS
				Bellows	EPDM



Series L

AVAILABLE MODELS: 2.5LM5, 2.5LM6, 2.5LM8, 3.0LM5, 3.0LM6, 3.0LM8, 2.5LP5, 3.0LP5, 3.0LP6, 4.0LP5	HEAD RANGE: 8 to 180 feet
FLANGES: 2-1/2" ANSI 125 lb. F.F. for 2.5LM5, 6, 8 and 2.5LP5, 3" ANSI 125 lb. F.F. for 3.0LM5, 6, 8 and 3.0LP5, 6 and 4" ANSI 125 lb. F.F. for 4.0LP5	MOTOR: ODP - Standard, TEFC - Optional
FLOW RANGE: 30 to 600 U.S. gpm	PRESSURE: 175 psi maximum (working)
	TEMPERATURE RANGE: Maximum Fluid 250°F (121°C) Minimum Fluid 5°F (-15°C) Ambient Air = 32°F to 104°F (0°C to 40°C)

MATERIALS OF CONSTRUCTION:

DESCRIPTION	MATERIAL	DESCRIPTION	MATERIAL	DESCRIPTION	MATERIAL
Pump Shaft	AISI 431 SS	Pump Housing, Motor Stool and Coupling	Cast Iron	Mechanical Shaft Seal	
Impeller, Impeller Wear Ring, Coupling Guards, Impeller Seal Ring, Impeller Locking Nut and Washer	AISI 304 SS	Housing O-rings	EPDM Rubber	Rubber Bellows	EPDM
		Air Vent Screw	Brass	Stationary Seal Face	Carbon
				Rotating Seal Face	Tungsten Carbide
				Mechanical Seal Spring	AISI 304 SS

VersaFlo® is a registered trademark of Grundfos Pumps Corporation. Teflon® is a registered trademark of Dupont.
 * Model UPS/TP32, 40 & 50.

* MAXIMUM TEMPERATURE: 220°F, 104°C NOTE: It is recommended to keep the operating temperature as low as possible (ie., below 140°F, 60°C to avoid precipitation of calcium).

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