


Submittal Data

	JOB or CUSTOMER:	
	ENGINEER:	
	CONTRACTOR:	
	SUBMITTED BY:	DATE:
	APPROVED BY:	DATE:
	ORDER NO:	DATE:
	SPECIFICATION REF:	

QUANTITY	TAG NO.	MODEL NO.	GPM	FEET	VOLT	PHASE	COMMENTS

Technical Data

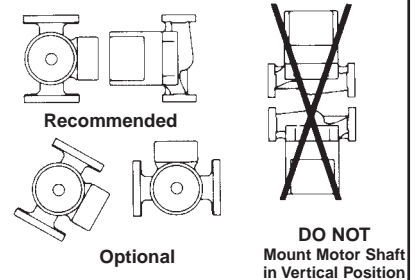
FLOW RANGE: 0 to 64 U.S. GPM
HEAD RANGE: 0 to 13.5 Feet **MIN. FLUID TEMPERATURE:** 32°F (0°C)
MOTORS: 2 Pole, Single Phase
MAXIMUM FLUID TEMPERATURE: 230°F (110°C), Maximum design temperature.

Ambient Air Temp. 95°F (35°C) 130°F (55°C) 140°F (60°C) 165°F (71°C) 175°F (79°C)
 Maximum Water Temp. 230°F (110°C) 220°F (104°C) 210°F (99°C) 190°F (88°C) 175°F (79°C)

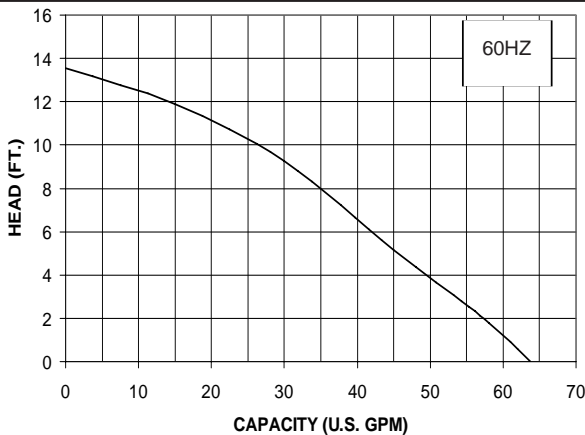
MAXIMUM WORKING PRESSURE: 145 PSI
MINIMUM REQUIRED INLET PRESSURE:

Temperature	230°F (110°C)	190°F (88°C)	140°F (60°C)
Pressure	36 Ft. (1.10m)	9.0 Ft. (2.8m)	3.0 Ft. (0.9m)
	15.6 psi	4.0 psi	1.3 psi

Mounting Positions



FOR INDOOR USE ONLY



Materials of Construction

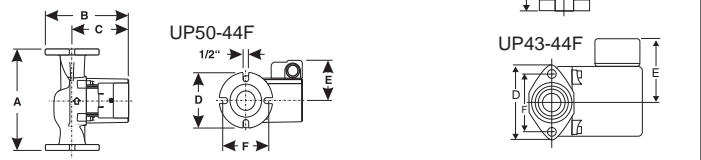
DESCRIPTION	MATERIAL
Inlet Cone, Bearing Plate, Bearing Retainers, Rotor Can, Rotor Cladding, Shaft Retainer.	304 Stainless Steel
Stator Housing	Aluminum
Shaft, Upper & Lower Radial Bearings	Aluminum Oxide Ceramic
Thrust Bearing	Metal Impregnated Carbon
O'Ring & Gaskets	EP (Ethylene Propylene Rubber)
Pump Housing (Volute)	Cast Iron
Impeller	PES Composite (30% Glass Filled)
Terminal Box	Noryl®

Dimensions, and Weights

Closed System Models	A	B	C	D	E	F*	Connection Type and Sizes	Shipping Wt. (Lbs.)
UP43-44F	8 1/2	6 11/16	5 3/16	4 3/4	3 1/2	3 7/16	Flange -(2) 1/2" Dia. Bolt Holes	13 1/2
UP50-44F	8 1/2	7 1/2	5 1/16	4 7/8	3 1/2	4 1/16	Flange -(4) 1/2" Dia. Bolt Holes	15 1/2

Electrical Data

MODEL	VOLTS	AMPS	WATTS	HP	CAPACITOR
UP43-44F	115	2.15	215	1/6	10µF/180V
	230	1.07	220	1/6	2.5µF/380V
UP50-44F	115	2.15	215	1/6	10µF/180V
	230	1.07	220	1/6	2.5µF/380V



NOTES: All dimensions are in inches. *F* dimension is the flange bolt centerline to centerline. Subject to change without notice.

