

# Thermoplastic Sprinkler Pumps

<b>IRP07501K</b>	<b>3/4 HP</b>	<b>30 GPM</b>
<b>IRP10001K</b>	<b>1 HP</b>	<b>34 GPM</b>
<b>IRP15001K</b>	<b>1-1/2 HP</b>	<b>47 GPM</b>
<b>IRP20001K</b>	<b>2 HP</b>	<b>49 GPM</b>



- Ideal for sprinkler zones, drawing water from a lake or pond, and transferring or moving large volumes of water
- Constructed of corrosion-resistant, reinforced thermoplastic for long life
- Superior Performance at depths to water of 20' or less
- Heavy-duty motor with automatic reset thermal overload protection
  - Models IRP07501K, IRP10001K, IRP150001K are 115/230V Dual voltage
  - Model IRP20001K is 230V Single voltage
- Self-Priming after pump housing is initially filled
- 1-1/2" NPT Suction and Discharge size
- Check valve or foot valve required, sold separately



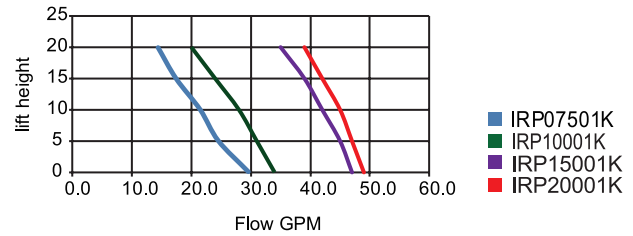
## Performance (GPM) at 30 PSI Discharge Pressure



Model No.	HP	Depth to Water					Max. Pressure	Voltage
		0'	5'	10'	15'	20'		
<b>IRP07501K</b>	3/4	30	25	22	18	15	40PSI	230/115
<b>IRP10001K</b>	1	34	31	28	24	20	44PSI	230/115
<b>IRP15001K</b>	1 1/2	47	45	42	39	35	49PSI	230/115
<b>IRP20001K</b>	2	49	47	45	42	39	50PSI	230

Application	
Ideal for sprinkler zones, drawing water from a lake or pond, or moving large volumes of water	
Voltage	115/230
Hertz	60
Phase	Single
RPM	3450RPM
Motor type	Capacitor Star (CS)
Insulation	Class B
Circuit requirements	30/15 AMP
Duty rating	Continuous*
Shaft seal	Mechanical seal
Motor Shaft	Stainless steel
Upper motor bearing	Ball bearing
Lower motor bearing	Ball bearing
Cooling	Fan cooled
Motor protection	Auto reset thermal overload protector
Pump Specifications	
Discharge size	1-1/2"NPT
Suction size	1-1/2"NPT
Pump Housing	Reinforced thermoplastic
Pump Base	Reinforced thermoplastic
Diffuser	Reinforced thermoplastic
Impeller material	Reinforced thermoplastic
Gasket	rubber
Solids handling	0"spherical
Liquid temp.range	32°-95°F
Fasteners	Steel

## Performance



Performance at 30 PSI Discharge Pressure								
Model	HP	Amps	Depth to water	0'	5'	10'	15'	20'
				GPM	GPH	GPM	GPH	GPM
IRP07501K	3/4	17/8A	GPM	30.0	25.0	22.0	18.0	15.0
				GPH	1800	1500	1320	1080
IRP10001K	1	17/8A	GPM	34.0	31.0	28.0	24.0	20.0
				GPH	2040	1860	1680	1440
IRP15001K	1.5	20/10A	GPM	47.0	45.0	42.0	39.0	35.0
				GPH	2820	2700	2520	2340
IRP20001K	2	12A	GPM	49.0	47.0	45.0	42.0	39.0
				GPH	2940	2820	2700	2520

## Dimensions

