

**nuton**  
SMART PUMPING



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**Jazz**  
Self Priming Pumps



## Discription

Nuton Self Priming “Jazz Series” pumps are specially designed and developed to meet the water supply for domestic use in Bungalows, Apartments, Farm House, Hotels and Hospitals. The impeller is of forged brass and delivery casing is made of cast iron. Compact design, economical, less noise, play and plug and robust locked impeller construction for long service life.

## Design Features

- ▶ Compact design
- ▶ High head
- ▶ Low noise operation

## Applications

- ▶ Water supply and domestic water transfer
- ▶ Pressure boosting
- ▶ Sprinkling
- ▶ Gardening
- ▶ Car washing

## Materials

Component	Material
Inlet / Outlet casing	Cast Iron
Impeller	Forged Brass
Pump Shaft	AISI 1040 / AISI 410
Mechanical Seal	Ceramic, Graphite, NBR

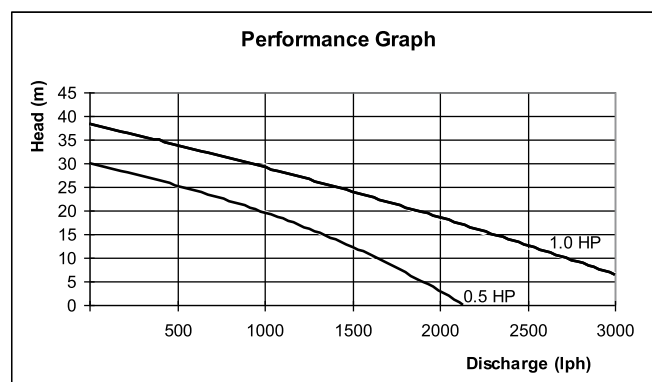
## Operating Conditions

- ▶ Liquid temperature upto 50°C
- ▶ Ambient temperature upto 50°C
- ▶ Fibre free clean water

## Motor

- ▶ Standard voltage 1Φ 220/240V
- ▶ TEFC, 50 Hz
- ▶ Insulation class F
- ▶ Protection IP 44
- ▶ Thermal Protector

## Performance Graph



## Performance

Self Priming	kW	Pipe Size	m <sup>3</sup> /hr	0	0.5	1	1.5	2	2.5	3
			lph		500	1000	1500	2000	2500	3000
Jazz 0.5HP	0.37	1"×1"	Head (m)	30	25	20	12	3		
Jazz 1.0HP	0.75	1"×1"		38	34	30	24	18	12	7

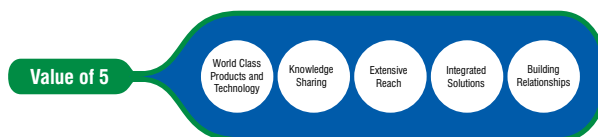
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