KJ

Deep-well Jet Pumps

Features

- Can withstand wide voltage fluctuations : From 180-240 Volts (For single phase)
- Suction lift upto 52 metres
- No moving parts inside the well, hence ease in servicing
- Available with twin type as well packer type jet units in vertical as well as horizontal version
- Designed to prevent overloading and motor burning
- Models are with IP-44 protection and class 'B' insulation
- Three phase models are also available with IP-55 protection on request
- Dynamically balanced rotating parts ensure minimum vibrations
- Replaceable wearing parts and hence longer life
- **CED coated wetted components for long life & rust free operation**
- More hygienic & potable for drinking water
- Fitted with shield ball-bearing-lubricated for life

Material of Construction

Standard Supply

Impeller	: Cast Iron
Delivery Casing	: Cast Iron
Motor Body	: Cast Iron
Shaft	: Carbon Steel
Jet Unit	: Cast Iron / Stainless Steel

Applications

- Gardening and irrigation
- Lawn sprinklers
- Industries, for clear water handling
- Water supply for domestic use in high-rise Apartments, Buildings and Hotels

Technical Specifications

Depth to Low Water Level	: 9-52 metres
Capacity	: 3600-120 LPH
Power Rating Single Phase	: 0.37 kW-1.1 kW (0.5 HP-1.5 HP)
Voltage Range	: 180-240 Volts, Rated 210- Volts

Performance under standard test conditions

PUMP MODEL	JET UNIT CODE	MIN. WELL SIZE (mm)	M.O.P. # (mtrs.)	POWER RATING		FULL LOAD CURRENT (in amps.)	DEPTH TO LOW WATER LEVEL IN METRES															PIPE SIZE (mm)		
				kW	HP		9	12	15	18	21	24	27	30	33	36	39	42	45	48	52	DEL.	PRES.	DIS.
TWIN TYPE							CAPACITY IN LITRES PER HOUR																	
KJ/GJC-05V/H	4T6	100	08	0.37	0.5	3.4	1920	1680	1320	1020	720	540	360									32	25	25
KJ/GJC-05V/H	5T3	115	08	0.37	0.5	3.4	1920	1680	1320	1020	750	600	480	360								40	32	25
KJ/GJC-10V/H	3T3	80	17	0.75	1.0	6.5			1580	1400	1180	980	820	660	540	440	320					25	25	25
KJ/GJC-10V/H*	4T3	100	19	0.75	1.0	6.5	2722	2520	2220	1800	1500	1250	960	660								32	25	25
KJ/GJC-10V/H	4T6	100	19	0.75	1.0	6.5	1800	1790	1525	1300	1090	900	725	570	432	300	180	120				32	25	25
KJ/GJC-10V/H*	5T3	115	19	0.75	1.0	6.5	1560	1540	1510	1480	1440	1380	1270	1120	950	800	670	560	440	360	180	40	32	25
KJ/GJC-15V/H	3T3	80	22	1.1	1.5	8.8				1640	1570	1430	1200	1000	860	750	600	550	400	300	200	25	25	25
KJ/GJC-15V/H*	4T6	100	23	1.1	1.5	8.8	1896	1884	1860	1764	1584	1356	1152	960	780	648	516	384	264			32	25	25
KJ/GJC-15V/H*	5T2	115	22	1.1	1.5	8.8	3600	3360	3000	2670	2350	2010	1680	1320	1080	720						40	32	25
KJ/GJC-15V/H*	5T3	115	22	1.1	1.5	8.8	2110	2100	2090	2070	2040	1860	1630	1440	1270	1150	1000	870	750	600		40	32	25
PACKER TYPE																								
KJ-10V/H	2P1	50	20	0.75	1.02	6.5			1305	1062	810	540	252									32	25	25
KJ-15V/H	2P1	50	25	1.1	1.5	8.8			1390	1270	1150	1020	875	710	540	335						32	25	25
KJ-10V/H	3P3	80	17.5	0.75	1.02	6.5			1500	1380	1260	1080	900	750	585	460						40	32	25
KJ-15V/H	3P3	80	21	1.1	1.5	8.8			1540	1480	1360	1200	1060	910	760	640	540	440	310			40	32	25

Above pumpsets are ISI marked except GJC model.
M.O.P. - Minimum Operating Pressure
Note: Performance applicable to liquid of specific gravity 1 and viscosity as of water.
Performance applicable to 4 metres submergence of jet unit in water.
Motor- TEC, SCR, 2pole motor for cap strut & Run type.