



The BasicLine by Grundfos JPD is a cast iron self-priming booster pump with suction capability of up to 27 meters.

Ideal for irrigation or wash-down applications, the JPD consists of a JPD pump, a pressure switch, a pressure gauge, a diaphragm tank and E 30 Ejector as standard (other ejectors available as options).



FEATURES

Robust construction

Cast iron construction to provide the longest life possible.

Self Priming

Supplied with E 30 Ejector as standard for self-priming up to 27 meters.

Constant Water Supply

The diaphragm tank ensures a constant water pressure in the water supply and thereby limits the switching frequency of the pump in case of low water consumption or leakage loss.

Automatic start / stop

The pressure switch automatically starts the pump according to demand.

APPLICATIONS

- Boosting from above ground water tanks
- Boosting from below ground water sources
- Light industrial use

PERFORMANCE

Hydraulic Data (n~2800 1/min.)											
Model	Ejector Type	Suction Depth	Delivery Pressure (bar)								
			3	3.5	4	4.5	5	5.5	6	6.5	7
			Capacity (l/h)								
JPD 5-61	E 20	9	3470	2890	2220	1500	750	-	-	-	-
		12	3110	2510	1850	1100	300	-	-	-	-
		15	2710	2100	1380	640	-	-	-	-	-
		18	2360	1700	950	-	-	-	-	-	-
	E 25	15	2800	2330	1830	1350	900	520	-	-	-
		18	2530	2050	1550	1090	680	300	-	-	-
		21	2280	1800	1300	860	470	-	-	-	-
		24	-	-	-	-	-	-	-	-	-
	E 30	21	1820	1650	1410	1160	910	700	520	-	-
		24	1680	1520	1260	1020	780	580	420	-	-
		27	1550	1360	1110	880	680	490	330	-	-
		30	-	-	-	-	-	-	-	-	-
JPD 8-62	E 20	9	4300	3600	2900	2180	1400	640	-	-	-
		12	3750	3140	2540	1700	940	-	-	-	-
		15	-	2780	2040	1300	500	-	-	-	-
		18	-	2340	1610	820	-	-	-	-	-
	E 25	15	-	2920	2400	1900	1400	950	570	-	-
		18	-	2600	2110	1620	1150	720	360	-	-
		21	-	2350	1850	1350	900	510	-	-	-
		24	-	2050	1550	1080	660	300	-	-	-
	E 30	21	-	-	1710	1480	1220	980	770	590	420
		24	-	-	1580	1330	1080	850	670	490	330
		27	-	-	1440	1200	950	750	560	400	250
		30	-	-	-	-	-	-	-	-	-

OPERATING CONDITIONS

System pressure

Max. 8 bar

Suction lift

Max. 27 m including inlet-pipe pressure loss at a liquid temperature of 20 °C

Liquid temperature

0 °C to 35 °C

Ambient temperature

Max. 40 °C

Relative air humidity

Max. 95 %

TECHNICAL DATA

Mains voltage

1 x 240 V, 50 Hz

Enclosure class

IP44

Insulation class

F

Sound pressure level

Below 77 dB(A)

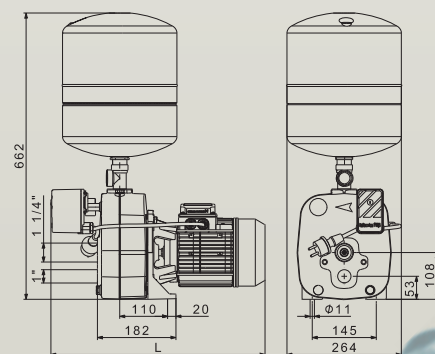
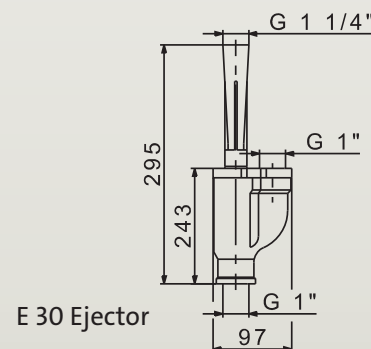
Start/stop frequency

Max. 20 per hour

Approvals and markings

CE, GOST

DIMENSIONS



Model	Power (kW)	Dimensions (mm)
		L
JPD 5-61	1.56	495
JPD 8-62	2.1	571