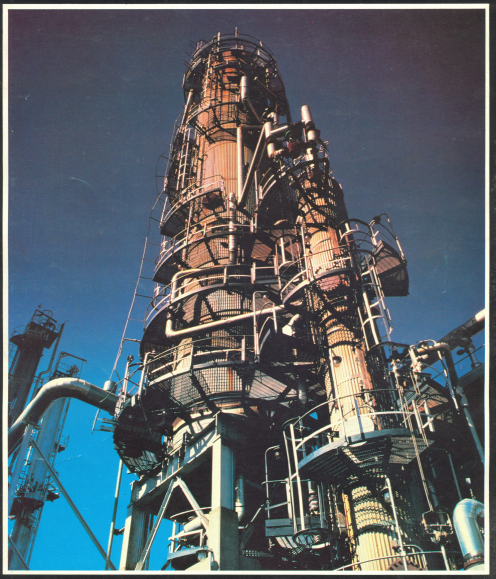
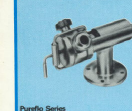
JABSCO Industrial Pumps



JABSCO
PUMPS

JABSCO PURE FLO PUMPS



Purefio Series

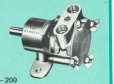
Purefio Models	All Stainless Steel Series 10440 ½" 10510 1" 10270 1¼" 10360 1½" 20830 2½" 20836 3" Dairy Fittings to BS 1864:1966 Alternative ports: DIN: SMS available.
Body	Stainless steel type 316/316l polished internally and externally.
Pedestal Housing Impellor	Stainless steel type 316/316l polished internally and externally. Tabaco neoprene compound.
Shaft	Stainless steel type 316/316
Shaft Seal	Food quality mechanical carbon face seal and stainless steel seal.
Flow	38 to 475 litres per minute (17.5 to 105 igpm)

Industrial Purefio 'L' Series

JABSCO STAINLESS STEEL & CAST IRON PUMPS

Can be used in industry for pumping beer and brewery products, chemicals, food and soft drinks, general transfer duties.

Some typical products which can satisfactorily be handled by Jabsco Pumps. Brines, alcohol, pharmaceuticals, dyes, syrups, wines, bakery ingredients, acids, beers, cosmetics, milk, jams, batters, icing, spirits, slurries and solutions containing suspended solids.



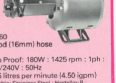
Model	903 – 200
Ports	¾" BSP to BS21 (DIN 2999)
Seal	Mechanical
Bearings	Ball
Flow	20.5 litres per minute (4.50 igpm)

Model	10120 – 200
Ports	1" BSP to BS21 (DIN 2999)
Seal	Mechanical
Bearings	Ball
Flow	80 litres per minute (17.7 igpm)

JABSCO EPOXY & PHENOLIC PLASTIC PUMPS

Series	3010
Ports	¾" od (16mm) hose
Seal	Lip
Bearings	PTFE – Graphite
Flow	20.5 litres per minute (4.50 igpm)

Note: Shafts available: Stainless Steel : Hastelloy B Titanium. Impellers: Neoprene : Nitrile : Viton.



Series	10460
Ports	¾"od (16mm) hose
Seal	Lip
Motor	Drip Proof: 180W : 1425 rpm : 1ph : 220/240V : 50Hz
Flow	20.5 litres per minute (4.50 igpm)

Note: Shafts available: Stainless Steel : Hastelloy B Titanium. Impellers: Neoprene : Nitrile : Viton.

Series	10090
Ports	¾"od (16mm) hose
Seal	Lip
Bearings	PTFE – Graphite
Flow	20.5 litres per minute (4.50 igpm)

JABSCO BRONZE PUMPS

Models	(¼") AL¼ : (¾") 6540
Ports	BSP to BS21 (DIN 2999)
Seal	Packing
Bearings	Plain
Flow	AL¼ : 11 litres per minute (2.35 igpm) 6540: 20.5 litres per minute (4.5 igpm)

Models	(½") 4900: (¾") JD¾
Ports	BSP to BS21 (DIN 2999)
Seal	Packing
Bearings	Plain
Flow	4900: 38 litres per minute (8.4 igpm) JD¾: 80 litres per minute (17.7 igpm)

Model	22940 – 2001
Ports	¾" BSP to BS21 (DIN 2999)
Seal	Lip
Bearings	Ball
Flow	10.7 litres per minute (2.35 igpm

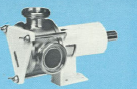
Models	10630 – 207 : 10490 – 207
Ports	1½" 2" BSP to BS21 (DIN 2999)
Seal	Mechanical
Bearings	Ball
Flow	10630: 195 litres per minute (43 igpm) 10490: 268 litres per minute (59 igpm)

Model	9440 – 200
Ports	2" BSP to BS21 (DIN 2999)
Seal	Mechanical
Bearings	Ball
Flow	500 litres per minute (110 igpm)

Model	12520 – 200
Ports	1¼" BSP to BS21 (DIN 2999)
Seal	Lip
Motor	T.E: 125W : 110/220V : 1ph : 1425 rpm, 50Hz
Flow	16.7 litres per minute (3.7 igpm)

Models	21710-2001 ½" BSPP (Ext) 21720-2001 1" BSPP (Ext) 21730-2001 (1¼" BSPP (Ext) to BS 2779 (DIN 259) 21740-2911 2" BSPP (Ext)
Body	Stainless Steel 316S16 polished internally and externally.
Impeller	Jabsco Neoprene compound. Temperature range 4-80°C.
Seal	Hygienic carbon face seal with spring loaded carbon face.
Shaft	Stainless Steel type 316S16 to BS 970.
Pedestal	Cast iron, painted with white protective finish.
Bearings	Ball and Roller.
Flow	28.5 to 355 litres per minute (6.3 to 78 i.gpm)

LUSHED SEAL (Kits) Optional extra for use with blinding and solidifying media such as Sucrose Solutions, Emulsion Paints.



Hygienic Purefio 'L' Series

Hygienic Purefio 'L' Series	**21710-21720** **21730-21740**
Design Features:	
Ports	Available for BS - DIN - SMS
Body	Stainless Steel 316 S16 polished internally and externally.
Impeller	Jabsco Food Grade compound. Temperature range 4-95°C.
Seal	Hygienic carbon face mechanical seal.
Shaft	Stainless Steel type 316S16 to BS 970.
Pedestal	Cast iron, painted with white protective finish.
Bearings	Ball and Roller.
Flow	28.5 to 355 litres per minute (6.3 to 78 i.gpm)

Model	1270 – 200
Ports	1" BSP to BS21 (DIN 2999)
Seal	Mechanical
Bearings	Ball
Flow	80 litres per minute (17.7 igpm)

Model	340/770 – 200
Ports	1½" BSP to BS21 (DIN 2999)
Seal	Mechanical
Bearings	Ball
Flow	195 litres per minute (43 igpm)

Series	21860
Ports	½" BSPF – to BS 2779 (DIN 259)
Seal	Mechanical
Motor	T.E: 125W : 1425 rpm : 1ph: 110/220V: 50Hz
Flow	6 litres per minute (1.3 igpm)

Epoxy Series	
Model	17000 – 0001
Ports	½" NPT
Seal	Mechanical
Bearings	Ball
Flow	18.5 litres per minute (4 igpm) ***Note:*** Impellers available Neoprene : Nitrile : Viton

Epoxy Series	
Model	21490
Ports	⅜" NPT
Seal	Mechanical
Motor	TEFC: 180W : 1360 rpm : 1ph : 220/240V : 50Hz
Flow	16 litres per minute (3.5 igpm) ***Note:*** Impellers available Neoprene : Nitrile : Viton

Epoxy Series	
Model	21550 – 200
Ports	½" BSP
Seal	Mechanical
Bearings	Ball
Flow	35 litres per minute (7.7 igpm) ***Note:*** Impellers available Neoprene : Nitrile : Viton

Model	22950 – 2031
Ports	½" BSP to BS21 (DIN 2999)
Seal	Lip
Bearings	Ball
Flow	20.5 litres per minute (4.5 igpm)

Model	21820 – 200
Ports	¾" BSP to BS21 (DIN 2999)
Seal	Lip
Bearings	Ball
Flow	38 litres per minute (8.4 igpm)

Model	10550 – 200
Ports	¾" BSP to BS21 (DIN 2999)
Seal	Lip
Bearings	Ball
Flow	38 litres per minute (8.4 igpm)

Model	22950 – 200
Ports	½" BSP – F to BS2779 (DIN 259)
Seal	Lip
Motor	TEFC: 180W : 110/220V : 1425 rpm : 1ph : 50Hz
Flow	13.25 litres per minute (3 igpm)

Model	21640 – 200
Ports	½" BSP F to 2779 (DIN 259)
Seal	Lip
Motor	T.E : 125W : 1450 rpm : 110/220V : 1425 rpm : 1ph : 50Hz
Flow	5.5 litres per minute (1.2 igpm)

Model	11810 – 200
Ports	½" BSP to BS21 (DIN 2999)
Seal	Lip
Motor	Drip Proof: 250W : 220/240V : 1ph : 1425 rpm : 50Hz
Flow	37 litres per minute (8 igpm)

PURELFO 'L'
Hygienic Motor Pump Units

PURELFO 'L'
Hygienic Motor Pump Units

Models	Ports	Motor
21250 – 4305	½"	0.59KW
21260 – 4305	1"	0.59KW
21270 – 4315	1½"	1.5KW
21280 – 4305	2"	2.2KW

Motors to IEC 72 – 2 , TEFV 380/420V 1450 rpm, 3ph, 50HZ

For Export Markets
Motor pumps are available with non-factory fitted motors to IEC72 – 2 with foot and face mounting (B3/B14).

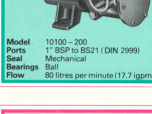
Purelfo 'L' Hygienic Series

Series	Port variations
21300:21320	BS 2779
21310:21330	BS 1864-1966
	DIN 11851
	SMS 1146

For Export Markets.
Pump units are available with non-factory fitted motors, to IEC 72 – 2 with foot and face mounting (B3/B14).

Series (Stainless Steel 316 S16)
22760: ½" BSPP to BS2779 (DIN 259)
22910: 1" BSP to BS21 (DIN 2999)

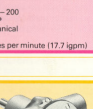
CAST IRON



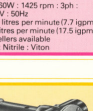
Model 10100 – 200
Ports 1" BSP to BS21 (DIN 2999)
Seal Mechanical
Bearings Ball
Flow 80 litres per minute (17.7 igpm)

CAST IRON

Model 10110 – 200
Ports 1¼" BSP to BS21 (DIN 2999)
Seal Mechanical
Bearings Ball
Flow 100 litres per minute (43 igpm)



Epoxy Series
Model 21540 – 200
Ports 1" BSP
Seal Mechanical
Bearings Ball
Flow 80 litres per minute (17.7 igpm)



Epoxy Series
Model 21500 (¼" BSP): 21510 (1" BSP)
Seal Mechanical
Motor TEFC: 560W : 1425 rpm : 3ph : 380/420V : 50Hz
Flow 21500: 35 litres per minute (7.7 igpm)
21510: 80 litres per minute (17.5 igpm)
Note: Impellers available
Neoprene : Nitrile : Viton

For Export Markets
Pumps are available with non-factory fitted motors to IEC 72 – 2 with foot and face mounting B3/B14.

Series 22340 – 101 (⅜" od) 16mm hose
21470 – 200 (½" BSP)
21480 – 200 (1" BSP)

Model 6420 – 200
Ports 1" BSP to BS21 (DIN 2999)
Seal Lip
Bearings Ball
Flow 80 litres per minute (17.7 igpm)

Model 9710 – 200
Ports 1" BSP to BS21 (DIN 2999)
Seal Mechanical
Bearings Ball
Flow 80 litres per minute (17.7 igpm)

Model 6400 – 207
Ports 1¼" BSP to BS21 (DIN 2999)
Seal Mechanical
Bearings Ball
Flow 195 litres per minute (43 igpm)

Model 6050 – 200
Ports 1" BSP to BS21 (DIN 2999)
Seal Lip
Motor Drip Proof: 550W : 220/240V : 1ph : 1425 rpm : 50Hz
Flow 76 litres per minute (16.7 igpm)

Series 21700 (12 or 24v dc)
Ports ½" BSP to BS21 (DIN 2999)
Seal Lip
Amps 13-25
Flow 50 litres per minute (11 igpm)

For Export Markets
Pumps are available with non-factory fitted Motors to IEC 72-2 with foot and face mounting (B5/B14).

Models	Ports
22860 – 2001:	¾" BSP to BS21
22870 – 2001:	1" BSP to BS21
22880 – 2001:	1¼" BSP to BS21 (DIN 2999)
22890 – 2001:	2" BSP to BS21 (DIN 2999)

All fitted with Mechanical seal.

JABSCO
Industrial Pumps

Head Capacity Tables	TOTAL HEAD WATER				500 RPM			750 RPM			1,000 RPM			1,500 RPM	
	Metres of Water	Feet of Water	Kg per cm²	lb per sq. in.	HP Watts	Litres per min	Imperial Gallons per min	HP Watts	Litres per min	Imperial Gallons per min	HP Watts	Litres per min	Imperial Gallons per min	HP Watts	Imperial Gallons per min
AC14	3.05	10	0.3	4.3	1/12 60	3.5	0.77	1/8 90	5.3	1.17	1/6 120	7.1	1.56	1/6 120	10.7	2.35
22340	6.1	20	0.6	8.7	1/12 60	3.2	0.70	1/8 90	4.8	1.05	1/6 120	6.6	1.45	1/6 120	10	2.20
	9.15	30	0.9	13	1/12 60	2.4	0.52	1/8 90	3.9	0.85	1/6 120	5.5	1.20	1/6 120	8.5	1.85
	12.2	40	1.2	17	1/12 60	1.1	0.25	1/8 90	2.5	0.56	1/6 120	3.9	0.86	1/6 120	6.7	1.47
	15.25	50	1.5	21.6							1/6 120	2.2	0.42	1/6 120	4.1	1
6540	3.05	10	0.3	4.3	1/12 60	6.5	1.4	1/8 90	10	2.2	1/6 90	13.5	3	1/4 180	20.5	4.5
22350	6.1	20	0.6	8.7	1/12 60	5	1.1	1/8 90	8	1.8	1/6 90	12	2.6	1/4 180	18.5	4
903	9.15	30	0.9	13	1/12 60	2.5	0.6	1/8 90	6	1.3	1/3 250	9	2	1/3 250	15	3.3
16696	12.2	40	1.2	17.3							1/3 250	5	1.1	1/3 250	11	2.4
3010	15.25	50	1.5	21.6										1/2 370	6	1.3
17066																
6900	3.05	10	0.3	4.3	1/6 120	13	3	1/6 120	20	4.4	1/4 180	26	5.7	1/3 250	38	8.4
21820	6.1	20	0.6	8.7	1/6 120	11	2.5	1/6 120	17	3.8	1/4 180	23	5.1	1/3 250	35	7.7
19550	9.15	30	0.9	13	1/6 120	9	2	1/6 120	15	3.3	1/3 250	21	4.6	1/2 370	32	7.1
21550	15.25	50	1.5	21.6							1/3 250	15	3.3	1/2 370	25	5.6
21540	3.05	10	0.3	4.3	1/4 180	28	6.1	1/4 180	39	8.7	1/3 250	53	11.7	1/2 370	80	17.7
10120	6.1	20	0.6	8.7	1/4 180	24	5.3	1/4 180	38	8.3	1/3 250	51	11.2	1/2 370	79	17.2
1216	12.2	40	1.2	17.3	1/4 180	20	4.5	1/3 250	34	7.5	1/3 250	47	10.3	3/4 550	74	16.3
10130	18.3	60	1.8	26							1/2 370	41	9	3/4 550	66	14.6
JDS	24.4	80	2.4	34.6							1/2 370	32	7	3/4 550	57	12.6
6420																
9710																
6480	3.05	10	0.3	4.3	1/2 370	68	15	1/2 370	100	22	1	750	132	29	1½ 1100	95	43
340770	6.1	20	0.6	8.7	1/2 370	63	14	1/2 370	96	21	1	750	127	28	1½ 1100	186	41
10110	12.2	40	1.2	17.3	1/2 370	50	11	3/4 550	88	19	1	750	120	26	1½ 1100	176	39
10130	18.3	60	1.8	26							1½ 1100	95	21	1½ 1100	150	33
	24.4	80	2.4	34.6										1½ 1100	105	23
10490	3.05	10	0.3	4.3	1/2 370	86	19	3/4 550	132	29	1	750	177	39	1½ 1100	268	59
	6.1	20	0.6	8.7	3/4 550	72	16	1 750	118	26	1	750	163	36	1½ 1100	254	56
	12.2	40	1.2	17.3	1 750	63	14	1 750	104	23	1½ 1100	145	32	2 1500	227	50
	18.3	60	1.8	26										2½ 2200	191	42
3440	6.1	20	0.6	8.7	1½ 1100	159	35	2½ 2200	245	54	3	2206	322	71	4 3000	500	110
	12.2	40	1.2	17.3	1½ 1100	155	34	3 2200	236	52	4	3000	313	69	4 3000	485	107
	18.3	60	1.8	26	2 1500	150	33	3 2200	216	48	4	3000	291	64	5 3750	460	102
	24.4	80	2.4	34.6	2 1500	109	25	3 2200	191	42	5	3750	270	60	5 3750	440	97

Pureflo models

21700 Series

Metres of Water	Feet of Water	Kg per cm²	lb per sq. in.	Litres per min	Imperial Gallons per min
3.05	10	0.3	4.3	50	11
6.1	20	0.6	8.7	44	9.6
9.15	30	0.9	13	37	8.1
12.2	40	1.2	17	30	6.7
15.25	50	1.3	21.6	23	5.1

Note:

1. Pump capacity tables and curves show approximate performance for NEW PUMPS fitted with neoprene impeller pumping water (specific gravity 1.00) at 20°C.
2. Before installation with electrical systems ensure that equipment to be used is of sufficient rated capacity to accept amperage draw of motor. In all cases, applicable regulations or insurance company requirements must be observed.

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JABSCO PUMPS ITT

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