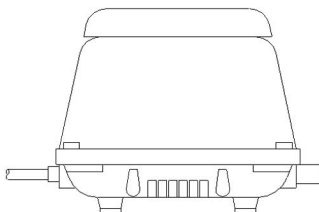


Oil-Free

Linear Diaphragm Pump



HP series single ended pump
Cased model

Linear HP

Flow
10 - 200 l/min
Vacuum
n/a
Pressure
0.10 - 0.20 bar

Contamination free blowing

HP series linear diaphragm pumps provide a clean oil free air source, which is exceptionally quiet in operation and vibration free. Suitable for continuous duty they are ideal for applications where reliability is essential.

Unique silent running design

Designed with a unique vacuum assisted noise reduction system these pumps are almost silent running with operation as low as 30dB. A range of 12 models are available offering flow rates in steps from 10 - 200 l/min.

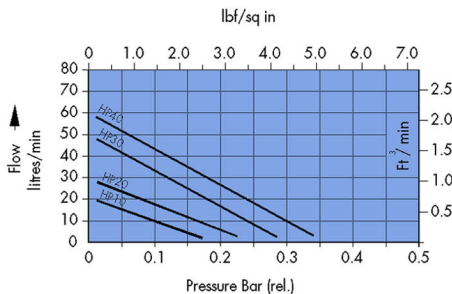
Ease of use

Housed in portable weatherproof compact casing the HP series offers simple plug and run operation. Virtually no maintenance is required apart from a simple filter change which is tool free.

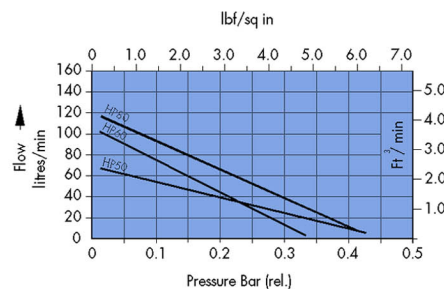
Application ideas

Application ideas include sewage aeration, whirlpools and aquatic oxygenation/bubbling.

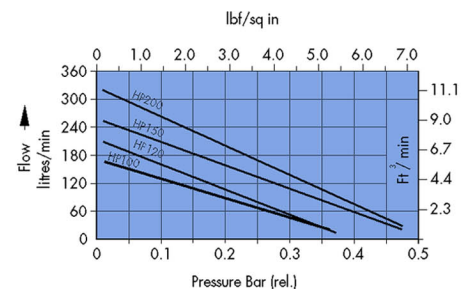
HP 10, 20, 30 & 40



HP 50, 60 & 80



HP 100, 120, 150 & 200



Technical Specifications

HP Series

Motor Type:

Electromagnetic vibrating linear motor

model no.	power consumption w	noise level dB
HP10	8.5	30.0
HP20	17	31.0
HP30	22	31.0
HP40	38	32.0
HP50	52	35.0
HP60	51	35.0

model no.	power consumption w	noise level dB
HP80	71	36.0
HP100	95	38.0
HP120	115	40.0
HP150	125	45.0
HP200	210	46.0

Connectors:

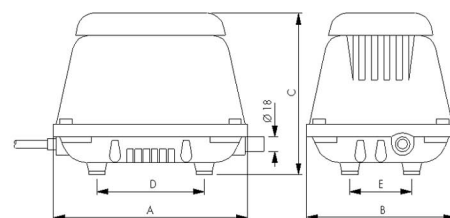
Plain, horizontal, Nylon 18.0mm OD

Performance:

model no.	Performance
	flow (l/min) @ pressure (bar)
HP10	10.0 @ 0.10
HP20	18.0 @ 0.10
HP30	30.0 @ 0.13
HP40	40.0 @ 0.13
HP50	50.0 @ 0.13
HP60	60.0 @ 0.15
HP80	80.0 @ 0.15
HP100	100.0 @ 0.18
HP120	120.0 @ 0.18
HP150	150.0 @ 0.20
HP200	200.0 @ 0.20

HP Series

dimensions: mm



model no.	weight kg	Dimensions				
		A	B	C	D	E
HP10/20	3.2	182	138	170	92	78
HP 30/40	5.7	208	171	190	120	90
HP50	6.5	208	171	190	120	90
HP 60/80	7.0	235	180	196	130	100
HP 100/120	8.5	256	200	222	140	110
HP150/200	9.0	256	200	222	140	110

distributed by:

Please note that it is important that you ensure the motor specification stated and the range of materials offered in the pump are compatible with the performance, environmental limitations and chemical resistance of the application.

For further information or details of our extensive range of diaphragm pumps, contact our technical sales office who will be pleased to help you select the most suitable pump for your application.

S30-234/1

Charles Austen
Pumps Ltd



Royston Road, Byfleet, Surrey, KT14 7NY, England/UK
Tel: +44 (0)1932 355277 Fax: +44 (0)1932 351285

Web: www.charlesausten.com
Email: info@charlesausten.com