

Discharge Assembly Selection Chart

Use the chart below to help determine the correct discharge assembly size and material for the listed high-head effluent pumps.

High-Head Pump Model	Actual Pump Discharge Size, in.*	psi (kPa) at ...		Discharge Assembly Option**			
		Nominal Flow Rate	Dead Head	1-in.	1.25-in.	1.5-in.	2-in.
PED1005	1.25	65 (448)	99 (683)	A	B	B	B
PED2005	1.25	35 (241)	60 (414)	A	A	A	B
PED3005	1.25	21 (145)	42 (290)	A	A	A	A
PF1005	1.25	74 (510)	108 (745)	A	B	B	B
PF1007	1.25	98 (648)	144 (993)	B	B	B	B
PF1010	1.25	114 (786)	169 (1165)	C	C	C	C
PF1020	1.25	215 (1482)	339 (2337)	Requires custom stainless steel discharge assembly; not available through Orenco			
PF1503	1.25	35 (241)	56 (386)	A	A	A	A
PF2005	1.25	43 (296)	65 (448)	A	A	A	B
PF2010	1.25	77 (531)	114 (786)	B	B	B	B
PF2015	1.25	100 (689)	146 (1006)	B	B	B	B
PF3005	1.25	25 (172)	48 (331)	A	A	A	A
PF3007	1.25	40 (276)	80 (552)	A	A	B	B
PF3010	1.25	48 (331)	96 (662)	A	B	B	B
PF3015	1.25	65 (448)	128 (883)	B	B	B	B
PF3020	1.25	83 (572)	161 (1111)	C	C	C	C
PF3030	1.25	115 (793)	226 (1558)	Requires custom stainless steel discharge assembly; not available through Orenco			
PF3050	1.25	163 (1124)	363 (2503)	Requires custom stainless steel discharge assembly; not available through Orenco			
PF5005	2	18 (124)	26 (179)	A	A	A	A
PF5007	2	26 (179)	39 (269)	A	A	A	A
PF5010	2	32 (221)	48 (331)	A	A	A	A
PF5015	2	43 (296)	65 (448)	A	A	A	B
PF5030	2	76 (524)	113 (779)	B	B	B	B
PF5050	2	118 (814)	178 (1227)	C	C	C	C
PF7510	2	19 (131)	31 (214)	A	A	A	A
PF7515	2	26 (179)	42 (290)	A	A	A	A
PF14520	3	15 (103)	27 (186)	Requires custom 3-in. discharge assembly; available through Orenco			
PVA1005	1.25	60 (414)	104 (717)	A	B	B	B
PVA3005	1.25	24 (165)	37 (255)	A	A	A	A
PVA5005	2	16 (110)	25 (172)	A	A	A	A
PF(50Hz)1005	1.25	36 (248)	77 (531)	A	A	B	B
PF(50Hz)1007	1.25	61 (421)	118 (814)	B	B	B	B
PF(50Hz)1015	1.25	117 (807)	229 (1579)	Requires custom stainless steel discharge assembly; not available through Orenco			
PF(50Hz)3005	1.25	12 (83)	35 (241)	A	A	A	A
PF(50Hz)3007	1.25	12 (83)	53 (365)	A	A	A	A
PF(50Hz)3010	1.25	22 (152)	74 (510)	A	A	B	B
PF(50Hz)3015	1.25	42 (290)	109 (752)	B	B	B	B
PF(50Hz)5005	2	10 (69)	18 (124)	A	A	A	A
PF(50Hz)5007	2	14 (97)	27 (186)	A	A	A	A
PF(50Hz)5010	2	19 (131)	37 (255)	A	A	A	A
PF(50Hz)5015	2	28 (193)	49 (338)	A	A	A	A
PF(50Hz)7510	2	14 (97)	29 (200)	A	A	A	A
PF(50Hz)12015	3	10 (69)	19 (131)	Requires custom 3-in. discharge assembly; available through Orenco			

* Discharge is female NPT threaded, U.S. nominal size, to accommodate Orenco® discharge assemblies.

** Consult your Orenco Distributor about fittings to connect discharge assemblies to metric-sized piping.

Key

- A Sched. 40 PVC pipe, standard flexible hose (standard Orenco product)
- B Sched. 40 PVC pipe, high-pressure flexible hose (standard Orenco product)
- C Sched. 80 PVC pipe, high-pressure flexible hose, bronze check valve (custom Orenco product)

Recommended options are shown in bold.