

DRAINACE™ & ENVIROLIFT™ CONCRETE PUMP CHAMBERS

Chamber model number	DrainAce™ DAC series			EnviroLift™ PP series				
	57	100	235	PPS	PPM	PPL	PPG	PPE
Steel mould-formed manufacture	✓	✓	✓	✓	✓	✓	✓	✓
Intensely vibrated	✓	✓	✓	✓	✓	✓	✓	✓
Internal diameter (mm)	ø1900	ø2380	ø3340	1200 x 1200	ø1800	ø2250	ø3200	ø3600
Internal minimum depth (mm)								
• standard pit	2020	2300	2700	1200	2000	2000	2000	2700
• with concrete cover slab	standard	standard	standard	+200	standard	standard	standard	standard
• with integral valve chamber	✗	✗	✗	separate	3000	3000	3000	separate
Valve chamber size (mm)	not required	not required	not required	1200 x 1200	1200 x 1200	1500 x 1500	2200 x 1800	to suit valve size
Increments multiples of (mm)	none	300	none	300	250	250	250	500
Minimum increment size (mm)	none	300	none	300	300	500	500	500
Maximum depth (m)	2.2	3.7	2.9	3.6	10	10	15	15
Standard depth pit capacity (L)	5700	10000	23500	1700	4500	7000	14000	14700
Capacity per m extra depth (L)	N/A	1050	N/A	1450	2600	4000	8000	10000
Maximum pipework size (mm)	80	80	80	100	150	200	400	450
Cast iron or aluminium covers	✓	✓	✓	✓	✓	✓	✓	✓
Extended cover slab available	✗	✗	✗	✗	✓	✓	✓	✓
Single or twin pumps	✓	✓	✓	✓	✓	✓	✓	✓
Inlet knife-gate valve available	✗	✗	✗	✓	✓	✓	✓	✓
'Kwikstart' pump controller	✓	✓	✓	✓	✓	✓	✓	✓

Please note: all measurements nominal and subject to change without notice.

Notes:

1. Design conforms to AS3735
2. Concrete is high early strength with calcareous aggregate.
3. DrainAce™ concrete strength is 40 MPa and EnviroLift™ concrete strength is 50 MPa at 28 days.
4. Internal finish is smooth to AS1510 Class 2.
5. 900 x 600 mm access shaft available to accommodate deeper inverts - 600, 900 or 1200 deep.