



Rainbow Pool Products

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Commercial Fibreglass

SPDD Nozzle Plate Filters

Proven Strength and Durability



Micron SPDD Nozzle Plate Filters

Micron SPDD filters are fitted with a plate and nozzle system, which ensures uniform flow for both filtering and backwashing, ensuring maximum performance through the media bed.

MICRON NOZZLE PLATE SIDE MOUNT DEEP BED FILTERS

1200mm filter bed depth (2.5 Bar) excludes Multiport Valve.

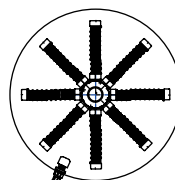
Part Number	Product Description	Nominal Size
22791051801	SPDD1050 c/w 80mm connections	42"
22781201801	SPDD1200 c/w 80mm connections	48"
227914011001	SPDD1400 c/w 100mm connections	56"
227916011001	SPDD1600 c/w 100mm connections	64"
227918011501	SPDD1800 c/w 150mm connections	72"
227920011501	SPDD2000 c/w 150mm connections	80"
227923511501	SPDD2350 c/w 150mm connections	92"

MICRON NOZZLE PLATE SIDE MOUNT DEEP BED FILTERS

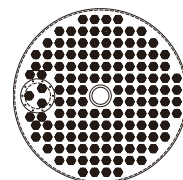
1200mm filter bed depth (4.0 Bar) excludes Multiport Valve. Higher pressure ratings are available on request.

Part Number	Product Description	Nominal Size
227910518014	SPDD1050 c/w 80mm connections	42"
227912018014	SPDD1200 c/w 80mm connections	48"
2279140110014	SPDD1400 c/w 100mm connections	56"
2279160110014	SPDD1600 c/w 100mm connections	64"
2279180115014	SPDD1800 c/w 150mm connections	72"
2279200115014	SPDD2000 c/w 150mm connections	80"
2279235115014	SPDD2350 c/w 150mm connections	92"

The nozzle plate system also allows the introduction of pressurised air directly into the bottom of the filter media. Uniform introduction of air and water through the nozzle plate provides vigorous agitation and filter media bed expansion required for an effective air/water backwash leading to reduced backwashing times and reduced volumes of water. **Save up to 25% of backwash water.**



Conventional lateral configuration



Nozzle plate configuration

Specifications

Filter Model	Valve Size	Bed Depth	Inner Diameter	Filter Area	Filtration Flow Rates		Backwash flow Rates		Media Volume	Sand 16/30	ZeoPlus 1-2.2			
					30m ³ /hr/m ²	36m ³ /hr/m ²	40m ³ /hr/m ²	50m ³ /hr/m ²				litres	Kg	Kg
SPDD1050	3"	1200	1077	1050	41.4	0.87	9.33	26.0	31.2	34.6	43.3	1017	1485	1221
SPDD1200	3"	1200	1229	1200	47.3	1.13	12.18	33.9	40.7	45.2	56.5	1322	1930	1586
SPDD1400	4"	1200	1442	1400	55.2	1.54	16.58	46.2	55.4	61.6	77.0	1808	2640	2170
SPDD1600	4"	1200	1644	1600	63.0	2.01	21.66	60.3	72.4	80.4	100.5	2366	3455	2840
SPDD1800	6"	1200	1839	1800	70.9	2.54	27.41	76.3	91.6	101.8	127.2	2966	4330	3559
SPDD2000	6"	1200	2042	2000	78.8	3.14	33.84	94.2	113.1	125.7	157.1	3671	5360	4405
SPDD2350	6"	1200	2390	2350	92.6	4.34	46.72	130.1	156.1	173.5	216.9	5089	7430	6107

* Recommended maximum flow rates for port size: 80mm/90mm(EU), 1080lpm, 64.8m³/hr
100mm/110mm(EU), 1800lpm, 108m³/hr 150mm/160mm(EU), 3420lpm, 205.2m³/hr

Dimension - SPDD (mm)

Model	B	C	K	V	H	L	X	Z	J	S	T
SPDD1050	1077	2270	220	1950	1820	176	2185	2115	1045	1450	750
SPDD1200	1229	2243	150	1900	1750	176	2158	2088	1045	1449	749
SPDD1400	1442	2313	200	1975	1800	218	2228	2158	1202	1514	814
SPDD1600	1644	2285	200	1950	1800	218	2200	2130	1202	1529	829
SPDD1800	1839	2260	320	2010	1920	315	2175	2105	1755	1489	789
SPDD2000	2042	2398	320	2100	1920	245	2313	2243	1755	1489	789
SPDD2350	2390	2435	355	2118	1955	340	2330	2330	2037	1550	950

