

ONGA PANTERA SERIES II SAND FILTER

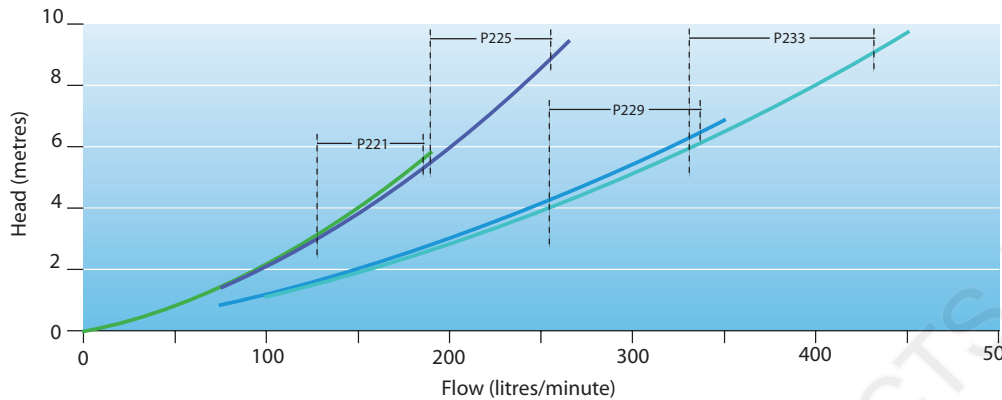


Code	Description
P221100	Pantera Series II Sand Filter 21"
P225100	Pantera Series II Sand Filter 25"
P229200	Pantera Series II Sand Filter 29"
P233200	Pantera Series II Sand Filter 33"

FILTER DATA

Filter Model	Max Flow Rate	Min Flow Rate	Sand QTY	Sand Grade	Multiport Valve	Max Pressure
Units of measure	(lpm)	(lpm)	(kg)		(mm - ports)	(kPa)
P221100	165	125	90	16/30	40	280
P225100	235	175	140	16/30	40	280
P229200	320	240	185	16/30	50	280
P233200	415	310	220	16/30	50	280

FILTER HEAD LOSS CURVE



Disclaimers Every endeavour has been made to publish the correct details in this leaflet. No responsibility will be taken for errors, omissions or changes in product specifications. All performance data taken at sea level.

OPERATING CONDITIONS

Fluid:	Water
Maximum working pressure:	230 kPa*
Water temperature range:	5 degrees Celsius - 38 degrees Celsius
Ambient temperature:	55 degrees Celsius Maximum

* Cycle tested to greater than 20,000 cycles.

Note: Not suitable for in-floor cleaning systems.

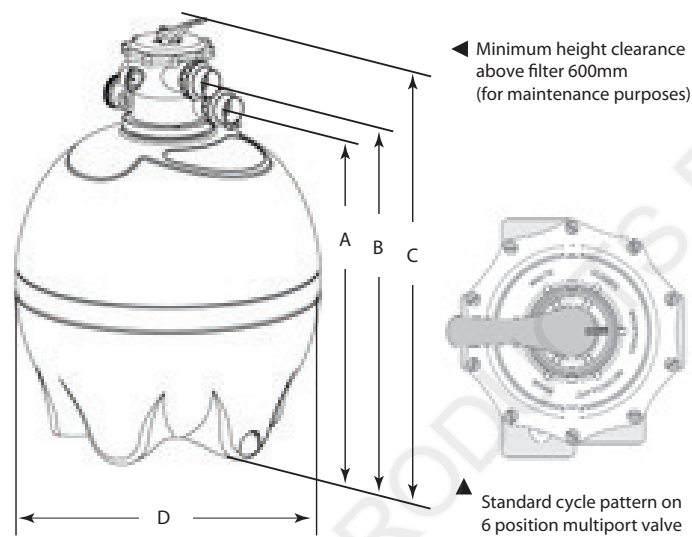
MULTIPOINT VALVE

Component	Material
Type	6 Port
Body	ABS
Handle	ABS
Dowel Pin	304 Stainless Steel
Rotor	Glass filled polypropylene
O-rings	Nitrile
Sight Glass	Polycarbonate
Spider gasket	Santropene
Spring	304 Stainless Steel
Washer	304 Stainless Steel
Barrel Unions	ABS

FILTER

Component	Material
Filter body	High density polyethylene
Lateral	ABS
Hub	ABS
Centre Stem	UPVC
Tank Clamp	304 Stainless Steel
Pressure gauge: Type	50mm diameter glycerine filled bottom mount
Thread	1/4" BSPT male
Range	0-270 kPa

LINE DRAWINGS



DIMENSION TABLE

Filter/Valve Model	Valve Model	A Return Waste (mm)	B Pump (mm)	C Overall Height (mm)	D Diameter (mm)	D Service Height (mm)
P221	SR14965-A003	685	755	840	535	1440
P225	SR14965-A003	805	875	960	635	1560
P229	SR14971-TM-22-L	858	940	1090	735	1690
P233	SR14971-TM-22-L	938	1020	1170	835	1770

Note: All dimensions in mm.

CONNECTION TYPE

Connection Type	Dimensions	
	P21, P25	P29, P33
Pump connection	40mm slip PVC	50mm Slip PVC
Return connection	40mm slip PVC	50mm Slip PVC
Waste connection	40mm slip BSP male	50mm Slip PVC

Note: Unless specified otherwise, all dimensions in mm.