

# CALPLAS DPT FILTER COLUMNS

## Ø 1010 - 2550



### Design Characteristics

#### Model DPT

<b>Diameter</b>	<b>Ø1010 - 2550mm</b>	<b>Design pressure</b>	<b>2.5 kg/cm<sup>2</sup></b>
<b>Cylindrical height</b>	<b>~ 1.500 mm (variable)</b>	<b>Test pressure</b>	<b>3.75 kg/cm<sup>2</sup></b>
<b>Design temperature</b>	<b>40° C</b>		

### Other data

<b>Eliptical manhole</b>	<b>Polyester diffuser</b>	<b>Nozzle plate</b>
<b>Emptying hole</b>	<b>Sight glass</b>	<b>Handhole</b>

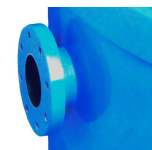
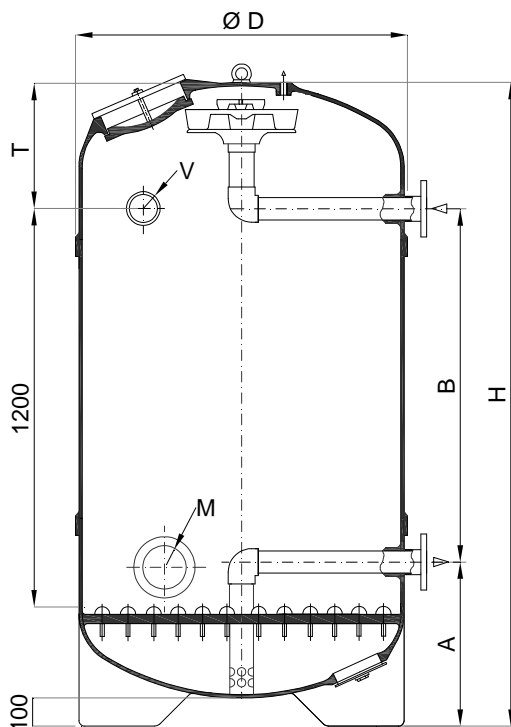
### Materials

<b>Body (cylinder + ends):</b> Laminated polyester reinforced with fibreglass.	<b>Top distributor:</b> Polyester diffuser
<b>Inlet/Outlet:</b> Laminated polyester flanges	<b>Low Distributor:</b> Laminated polyester reinforced with fibreglass nozzle plate
<b>Eliptical manhole lid:</b> Laminated polyester reinforced with fibreglass	<b>Sight glass:</b> Methacrylate
<b>Emptying lid:</b> Plasticized steel	<b>Handhole lid:</b> Plasticized steel

### Manufacturing

Laminated polyester reinforced with fibreglass, manually oriented fibers according to maximum strengths

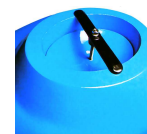
**Design code:** AD MERKBLATTER & BRITISH STANDARD.



**Conections**



**Polyester diffuser**



**Eliptical manhole**



**Methacrylate sight glass**



**Leg detail**

Model	Filt. Surface m <sup>2</sup>	A	B	H	D	T	V	M
DPT-1010	0,80 m <sup>2</sup>	560	940	1900	1010	370	4"	160
DPT-1160	1,00 m <sup>2</sup>	610	890	1950	1160	420	4"	160
DPT-1260	1,20 m <sup>2</sup>	620	1030	2050	1260	450	4"	160
DPT-1440	1,60 m <sup>2</sup>	670	1015	2130	1440	510	4"	200
DPT-1640	2,00 m <sup>2</sup>	760	1010	2270	1640	610	5"	200
DPT-1840	2,57 m <sup>2</sup>	790	940	2300	1840	600	5"	200
DPT-2040	3,17 m <sup>2</sup>	820	955	2370	2040	650	6"	200
DPT-2340	4,20 m <sup>2</sup>	900	965	2500	2340	715	6"	200
DPT-2550	5,00 m <sup>2</sup>	925	1035	2570	2550	750	6"	200

