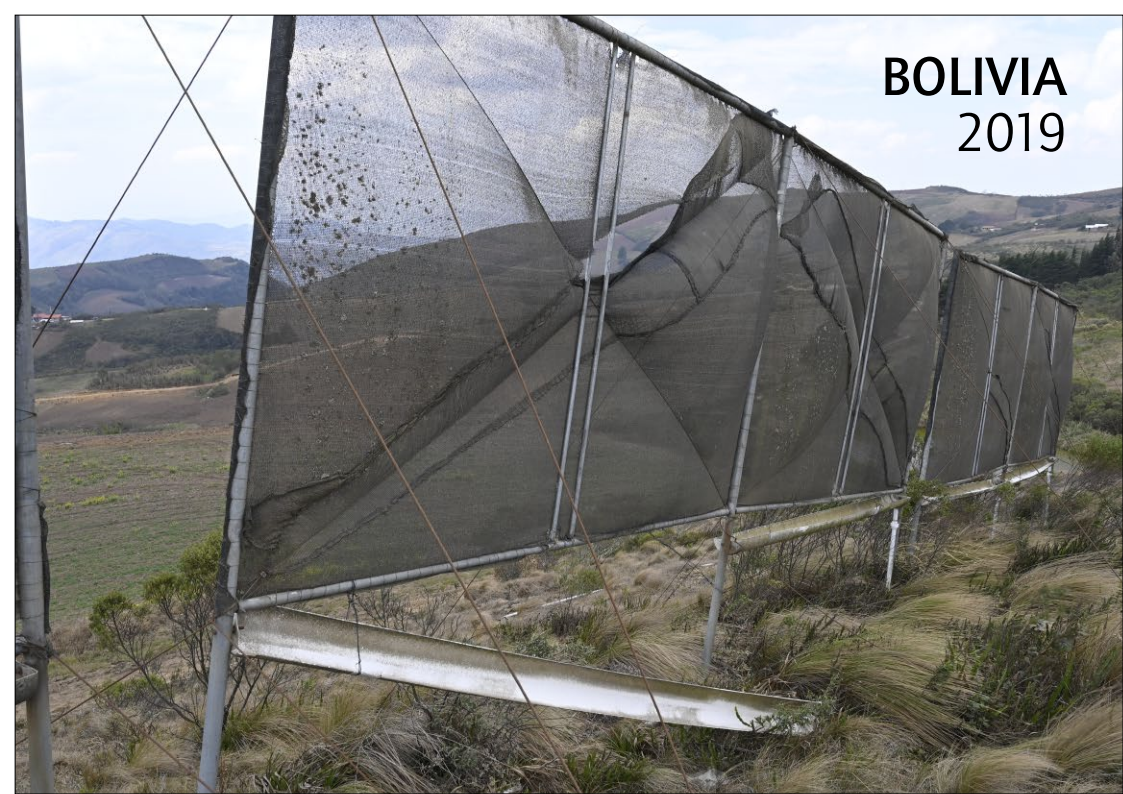


FOG NET TECHNOLOGY







Wind resistant up to 120 kph.
Rubber expanders reduce the impact of wind forces.



3D mesh for higher water yield.



Robust plastic grid prevents the mesh from bulging and draining water outside the trough.



Flexible troughs follows the movement of the net in the wind.

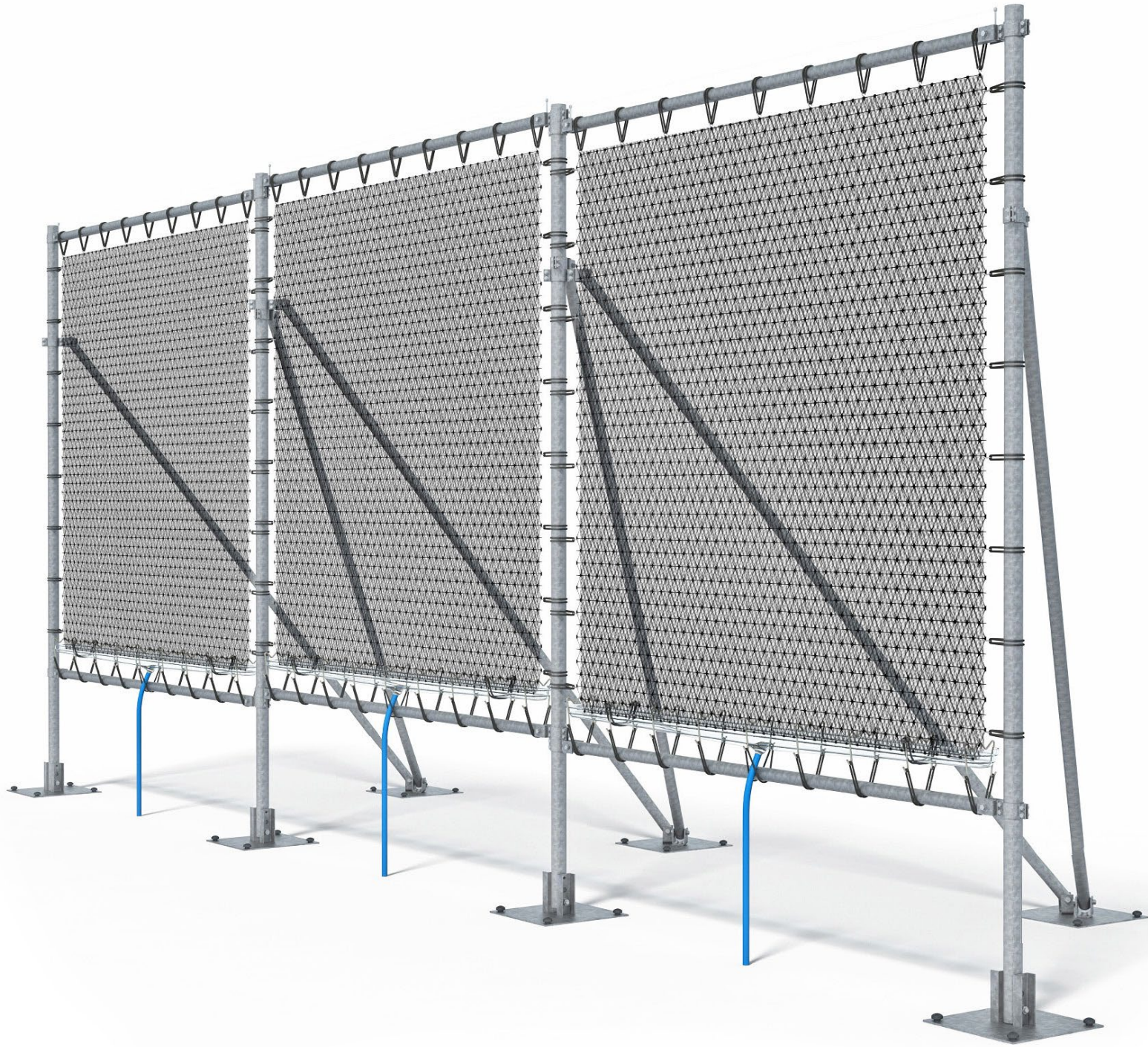


UV-resistant and food-safe materials



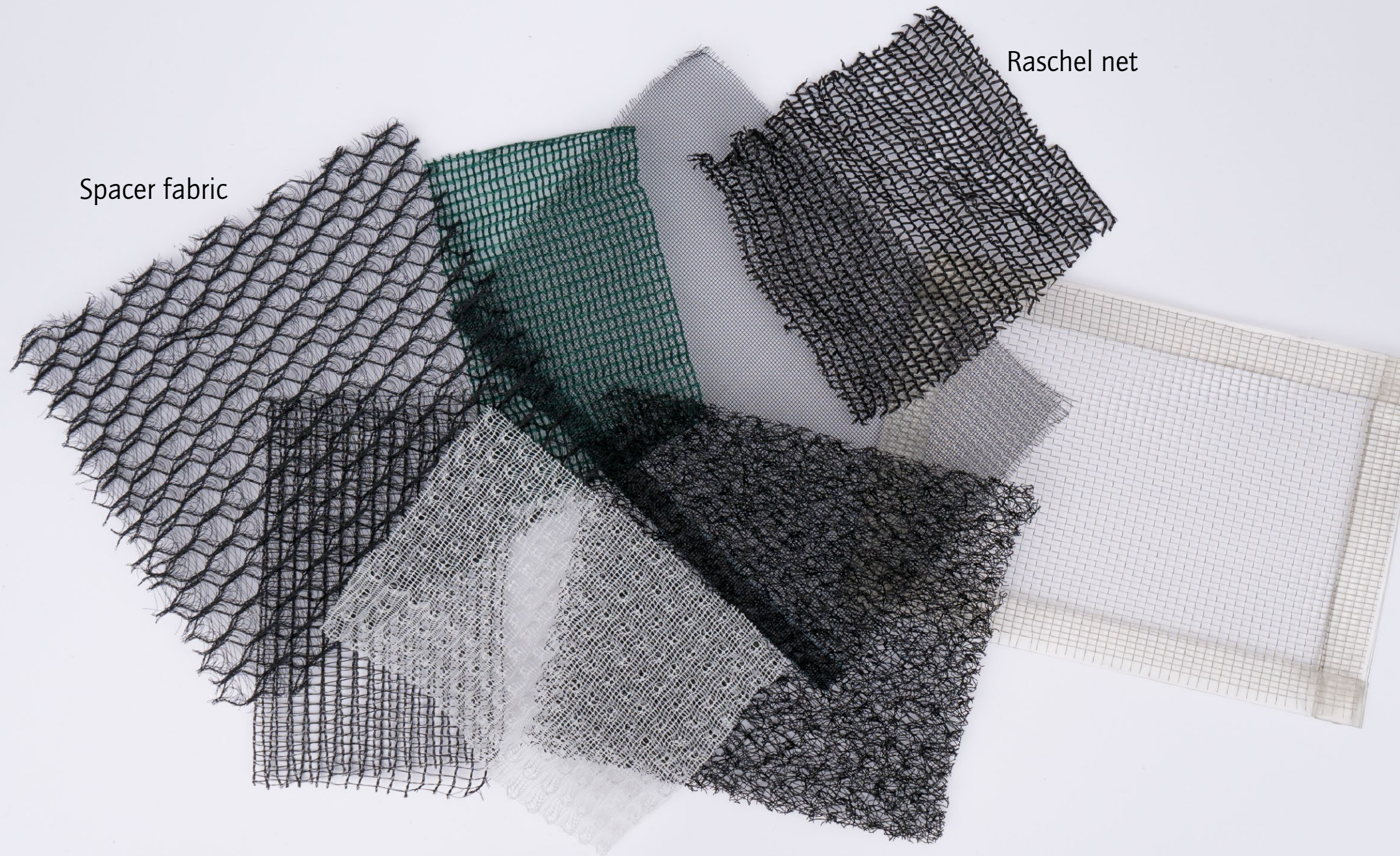
maintenance-free





Spacer fabric

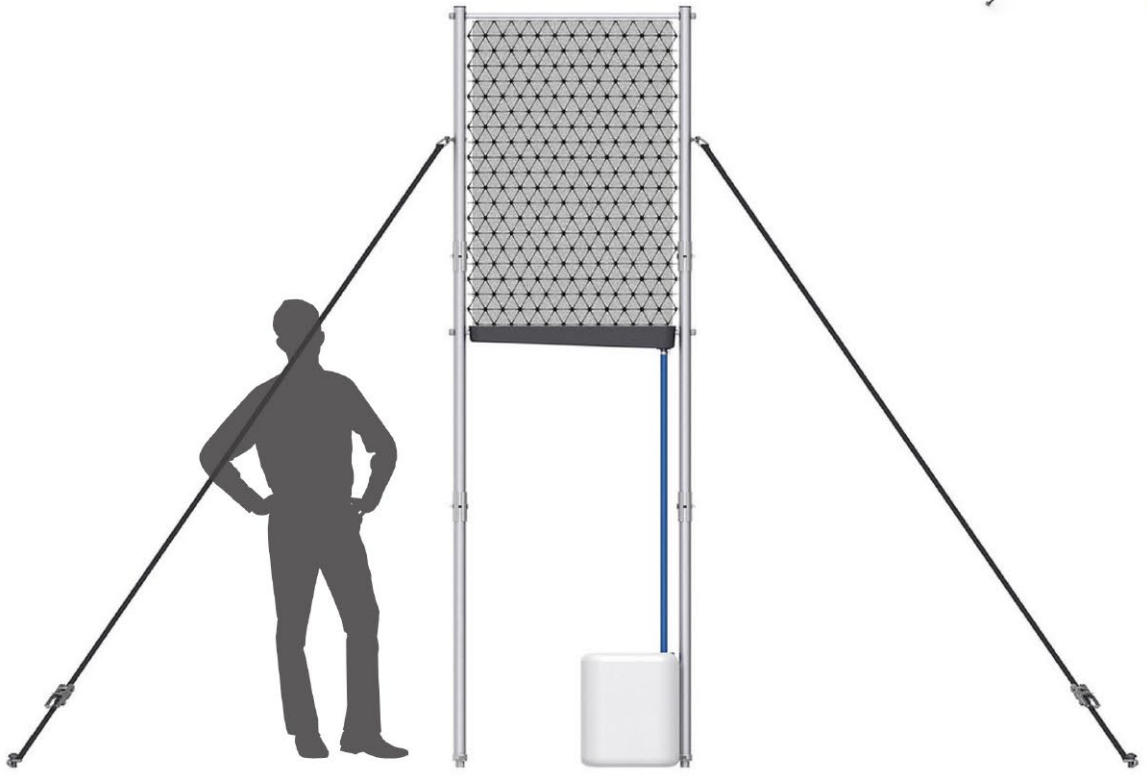
Raschel net



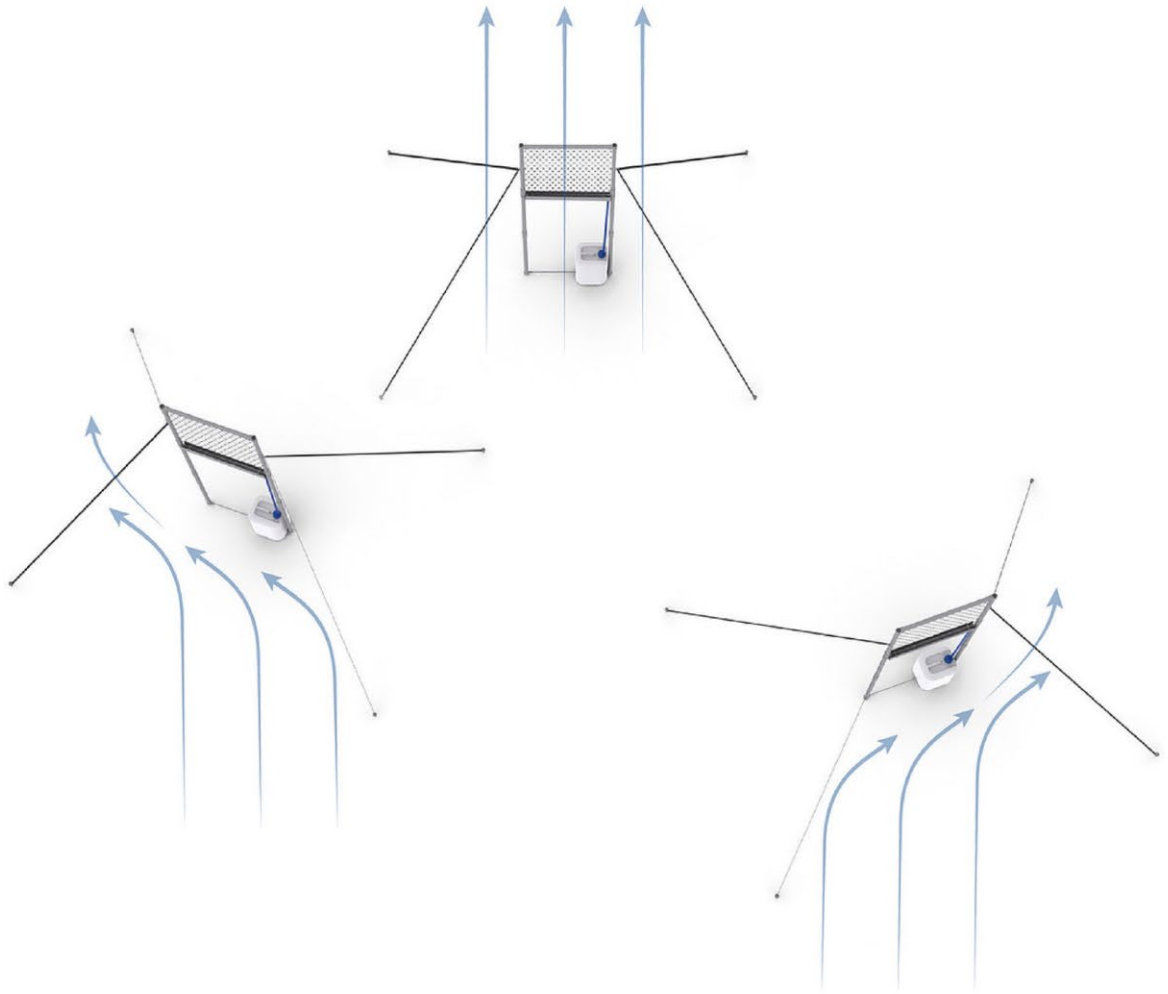
ANALYSIS OF FOG WATER

Relevant values compared to threshold values under the German Drinking Water Ordinance (DWO) of 21 May 2001 and the standards of the WHO.

Parameter	Unit	Limit WHO	Limit DWO	Hail net	Spacer fabric	Enkamat	Slubbed fabric	Raschel net	Shade net
pH value	-	-	6,5-9,5	8,5	7,7	7,2	7,2	7,2	7,1
Conductivity (20°C)	µS/cm	-	2790 (25°C)	84,0	83,0	89,0	99,0	88,0	93,0
Chloride	mg/l	-	250,0	9,5	9,9	9,7	11,0	8,9	10,0
Sulphate	mg/l	-	250,0	11,0	11,0	12,0	12,0	11,0	12,0
Nitrate	mg/l	50,0	50,0	5,0	-	6,4	6,4	6,1	6,3
Ammonium-N	mg/l	-	0,65	1,1	1,5	1,2	1,2	1,8	1,9
Iron	mg/l	-	0,2	0,0084	0,014	0,0083	0,0044	0,016	0,013
Manganese	mg/l	0,4	0,05	0,012	0,011	0,067	0,0083	0,013	0,012
Lead	mg/l	0,01	0,01	0,00015	0,0002	0,000094	<0,00005	0,00014	0,00013
Arsenic	mg/l	0,01	0,01	0,00033	0,00037	0,00042	0,0083	0,00043	0,00045
Chromium total	mg/l	0,05	0,05	<0,0005	<0,0005	<0,0005	<0,0005	<0,0005	<0,0005
Copper	mg/l	2,0	2,0	0,003	0,0049	0,0042	0,0029	0,002	0,0077
Zinc	mg/l	-	-	0,064	0,065	0,097	0,066	0,079	0,071
Cadmium	mg/l	0,003	0,003	0,000095	0,00011	0,000092	0,000052	0,00008	0,000091
Nickel	mg/l	0,07	0,02	0,0013	0,0012	0,0016	0,00092	0,0014	0,0012
Uranium	µg/l	15,0	10,0	0,013	0,013	0,01	0,012	0,033	0,024
Calcium	mg/l	-	-	3,1	2,9	3,6	5,7	4,0	4,3
Magnesium	mg/l	-	-	0,99	0,92	1,0	1,1	1,1	1,1
Total organic carbon	mg/l	-	-	2,4	2,8	2,4	2,3	2,2	2,6



Optimal orientation to the wind



A deviant orientation only of 30° degrees means less water yield.