

**KORHUS<sup>®</sup>**

# PARTICULATE FILTRATION

**10**  
YEARS  
WARRANTY

**1**  
MICRON

**BACK  
WASHING**

Connect with Us!







YILDIZ POLIETILEN (YP), established in Ankara to manufacture HDPE pipe fittings for potable water pipeline in 2008, has grown from a local supplying company to a well known international brand. YP has been leading the market by using the latest technologies and a team of experts in the area and continue to provide a significant amount of products in the construction sector and waterworks. Currently, YP supplies to more than 1500 customers in 51 countries.

After 5 years research and development process, KORHUS PARTICULATE FILTRATION was established as a subcompany of YP in order to enter swimming pool filtration sector. KORHUS manufactures 1-micron particulate filters with backwashing aspiring much healthier and crystal clear swimming pools in today's pandemic world through its cost-efficient, water-saving, ecofriendly and worldwide patented systems.

# COMPANY PROFILE

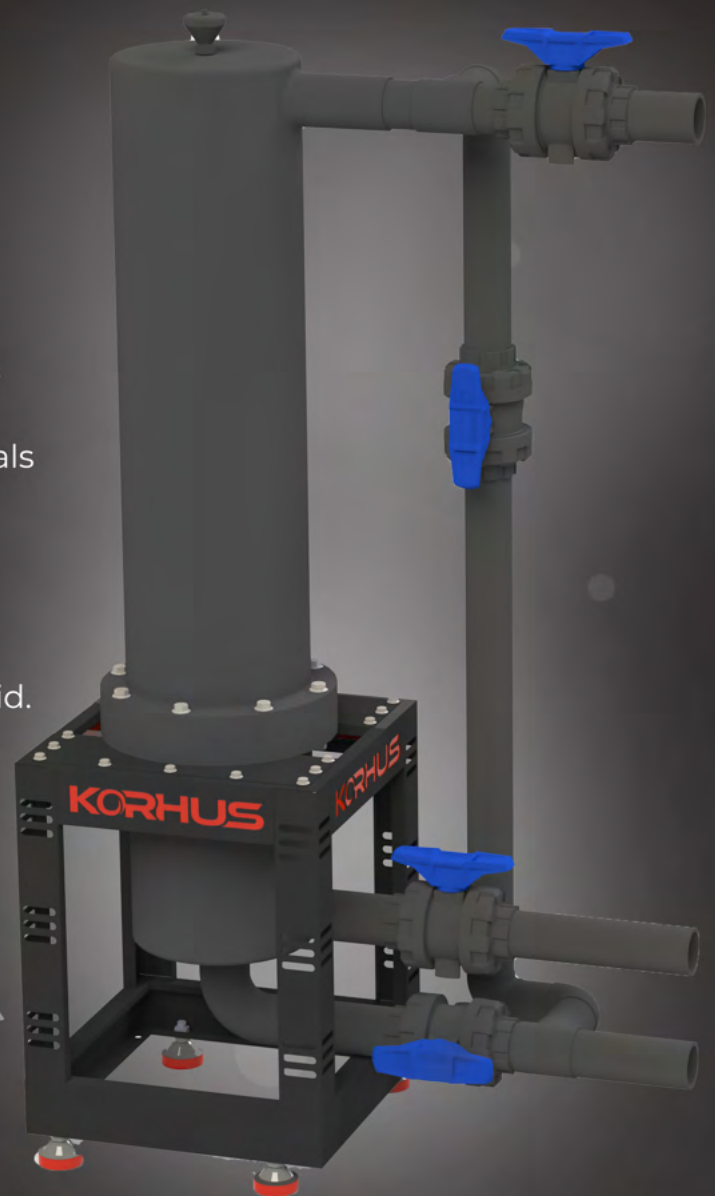
# PARTICULATE FILTERS

## WORKING PRINCIPLE

Dirty water and particulates, coming from pool, pumped by pool pumps, inflow in the filter from underneath through the inlet pipe and flows upward. The dirty water flows down by forming a vortex in the filter. The polyester fabric filter, located in the filter, purifies water from inside out. The particulates, held by the fabric filter, are pushed to the particulates catch pit thanks to the water flow and speed. Thus, the filter can work a long period of time ceaselessly. Pressure gauges mounted on the filter inlet and outlet pipe show the pollution level inside the media. The collected dirt and debris are detracted from the system thanks to the valve which is mounted in the particulate catch pit.

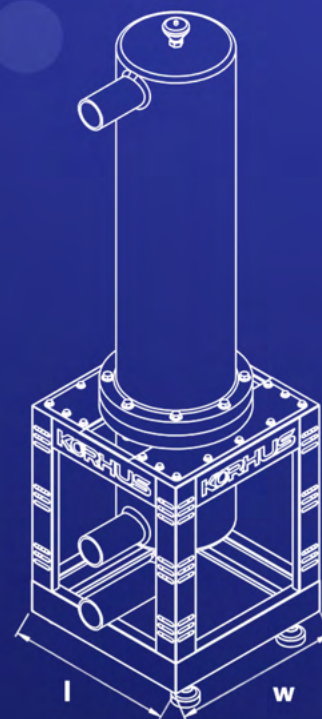
## PRODUCT ADVANTAGES

- ✓ Filters the pool water down to 1 micron.
- ✓ Duration of backwashing is 7-10 seconds.
- ✓ Cost-effective; Less chlorine and chemicals are used compared to other filters.
- ✓ Consumes 99% less water compared to sand filters in backwashing.
- ✓ Resistant to corrosion, ozone, salt and acid.
- ✓ No sand and no cartridge, we use a polyester nonwoven fabric media.
- ✓ Space-saving; They occupy a smaller place than sand filters.
- ✓ Our systems are worldwide patented.





# TECHNICAL DETAILS +



KORHUS FILTER CODE	CAPACITY m <sup>3</sup> /h	CONNECTION mm	DIMENSION l / w / h	WEIGHT kg	VOLUME m <sup>3</sup> 4h / 6h / 8h
KR63HS1-2	20	63	45 / 45 / 120	20	80 / 120 / 160
KR63HS1-1	40	63	45 / 45 / 166	25	160 / 240 / 320
KR63HS1-1+1	80	90	90 / 45 / 166	50	320 / 480 / 640
KR63HS1-1+2	120	110	90 / 150 / 166	75	480 / 720 / 960
KR63HS1-1+3	160	140	90 / 150 / 166	100	640 / 960 / 1280
KR63HS1-1+4	200	160	135 / 150 / 166	125	800 / 1200 / 1600
KR63HS1-1+5	240	180	135 / 150 / 166	150	960 / 1440 / 1920
KR63HS1-1+6	280	200	180 / 150 / 166	175	1120 / 1680 / 2240
KR63HS1-1+7	320	200	180 / 150 / 166	200	1280 / 1920 / 2560

\* KR20HS01 and KR40HS01 are both produced in series.

\*\* According to customer's requirement, the capacity can be increased by collector.

KORHUS PARTICULATE FILTERS ARE PATENTED IN ALL MARKED COUNTRIES



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