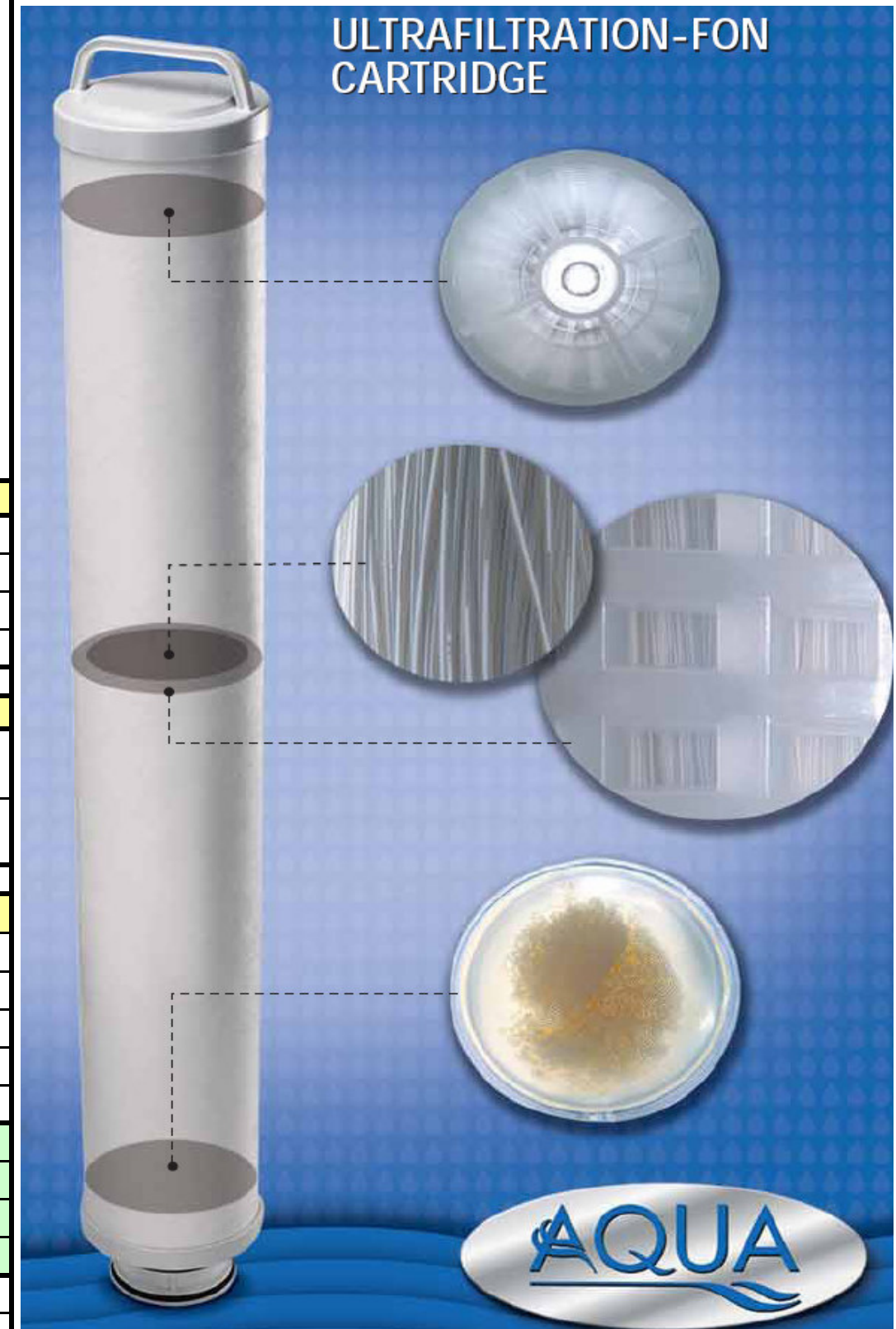
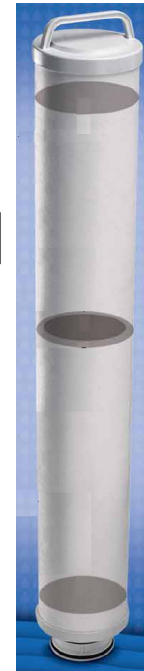
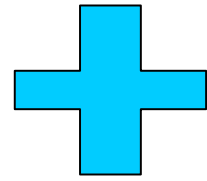
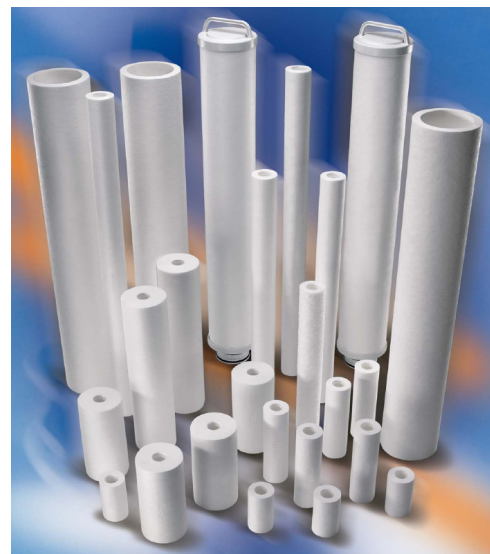


# NEW ANTIBACTERIAL ULTRAFILTRATION CARTRIDGE



## CHARACTERISTICS

- DOUBLE LAYER FILTRATION CARTRIDGE
- EXTERNAL FILTRATION BY MEANS OF MELT BLOWN (FON) LAYER FOR IMPURITY FILTRATION
- INTERNAL FILTRATION BY MEANS OF ULTRAFILTRATION HOLLOW FIBER CARTRIDGE FOR REMOVAL BACTERIA AND VIRUS
- COMPATIBLE WITH BIG ONE CONTAINER

## MAINTENANCE

- THE FUNCTION OF THE EXTERNAL LAYER IS TO PROTECT THE INNER MEMBRANE, IT CAN BE REPLACED WITH A SIMPLE MAINTENANCE OPERATION, WITHOUT HAVING TO REPLACE THE INNER MEMBRANE.
- THE HOLLOW FIBERS CARTRIDGE CAN BE WASHED IN COUNTER-WASHING OR BY USING OF SPECIFIC CHEMICAL PRODUCT (HYPOCHLORITES, CHLORINE DIOXIDE, ACETONE PEROXIDE)

## TECHNICAL FEATURES

CARTRIDGE RAW MATERIAL	EXTERNAL 100% POLYPROPYLENE INTERNAL 100% POLYSULFONE
EXTERNAL GRADE OF FILTRATION (MICRON)	1-10, 5-20, 20-50, 50-90
INTERNAL GRADE OF FILTRATION (MICRON)	0,005
<b>DATA RETENTION FOR BACTERIA AND VIRUS</b>	(tested by external analysis laboratory)
BACTERIA RETENTION EFFICIENCY (RIF. B. diminuta)	> 99,99999999% (residual inferior to 1 on 10 billions)
VIRUS BACTERIA RETENTION EFFICIENCY (RIF. PhiX-174)	> 99,9999999% (residual inferior to 1 on 100 millions)
ENDOTOXIN RETENTION EFFICIENCY	> 10 <sup>5</sup> EU/ml (very important data for medicale field)
MAX WORKING PRESSURE	2 BAR
MAX WORKING TEMPERATURE	50-55 °C
ABSOLUTE MAX WORKING TEMPERATURE FOR TIME LIMITED CYCLES	80 °C
FLOW RATE	3800 lt/h at 1 bar
INLET/OUTLET PRESSURE DIFFERENTIAL	0,8 - 1,0 bar