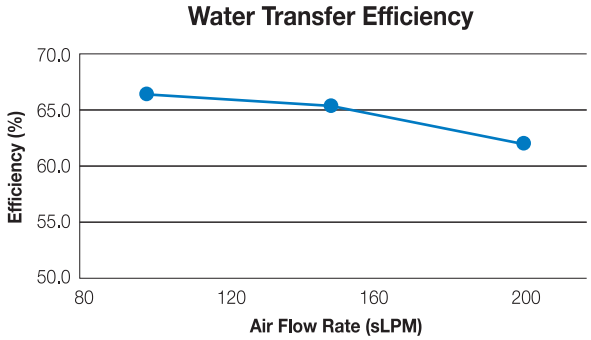
fumatech
Funktionelle Membranen und Anlagentechnologie
BWT GROUP

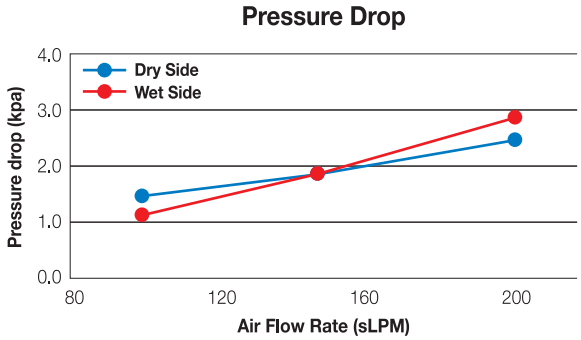
ECOMATE® H02

TECHNICAL DATA

Fuel Cell Power (Rated Air Flow)	1~3 kW (50~200 sLPM)
Total Weight @ dry	0.6 kg
Volume (Middle Part)	1 L (Φ70 x 230 mm)
Materials of Potting	Heat Resistant PU
Materials of Housing	PA+GF (Low Ion Extract)
Material Impurity	< 0.1 ppm
Connecting Method	QF P14
Internal Air Leakage @ 80 kPa_g	< 0.5 L/min
External Air Leakage @ 80 kPa_g	< 1 cc/min
Operating Temperature	-30 ~ 90 °C
Max. Operating Pressure	250 kPa_a

PERFORMANCE





Gas to Gas	Dry Inlet Flow rate (sLPM)	Water Transfer Efficiency (%)	Approach Dew Temperature (°C)	Total Pressure Drop (kPa)
	100	66.6	8.3	2.5

※ Water Transfer Efficiency(%) = m_{H2O_vap}(dry out)/m_{H2O_vap}(wet in)

The individual specifications of our humidifier depend on operation conditions.
The values do not represent guaranteed specifications and do show averages which are subject to usual production tolerances.