





Technical data of dispenser

Max. hydraulic capacity	~ 2 m ³ /h
Tapping increments	1 liter
Dimensions of inlet and outlet pipe connections	½" external thread
Weight	23 kg
Dimensions	400 x 500 x 210 mm
Protection class	IP 55
Capacity of included backup-battery	17Ah = approx. 12 hours of operation
Battery extensibility	external battery can be connected
Reading angles of display	-/+ 60 degree
User interface	touch and sound
Direct flow sensor	<ul style="list-style-type: none"> no metering of air pockets no mechanical wear parts

SmartCards and user profiles

	The administrator holding the AdminCard can: <ul style="list-style-type: none"> initialise new VendorCards and ServiceCards create water credits on existing VendorCards
	The water vendor holding the VendorCard can: <ul style="list-style-type: none"> initialise new WaterCards with no credits transfer water credits to a WaterCard draw water from the AQtap pay for the water with water credits
	The service technician holding the ServiceCard can: <ul style="list-style-type: none"> run commissioning with configuration options conduct a site acceptance test reset the AQtap
	The water consumer holding the WaterCard can: <ul style="list-style-type: none"> draw water from the AQtap pay for the water with water credits transfer credits between WaterCards

Installation requirements

Power supply	<ul style="list-style-type: none"> gridpowerACconnection (100 ... 240 V, 50/60 Hz) solarpanelDCvoltage (15 ... 25 VdC)
Max. power consumption	30 W (1 solar panel is enough)
Ambient temperature	1-50 °C
Max. relative humidity	95 %
Water quality	WHO drinking water standards
Water particle content	recommend installation with 0.5 mm strainer
Water temperature	10-40 °C
Inlet pressure range	0.1 - 4 bar (height of main tank > 1 m)
Mounting	designed for wall-mounting, protected from direct sunlight

Water management system and connectivity

Broadcasting of alarms/warnings	setup in water management system
Data upload	min. every 24 hours
Data import from unconnected dispensers	via associated PC tool
SmartCard connectivity	NFC
Dispenser connectivity	GSM Quad-band and grPS
Connectivity setup	1) install SIM Card in dispenser 2) enter associated phone number, IMEI number and select Telco operator in water management system The unit is functional without connectivity.
Connectivity extensibility	external antenna can be connected
Water management system browser support	<ul style="list-style-type: none"> Explorer: version 9 or newer Firefox: version 10 or newer Chrome: version 17 or newer Safari: version 6 or newer Opera: version 10 or newer

AQtap outlet flow in relation to inlet pressure

