

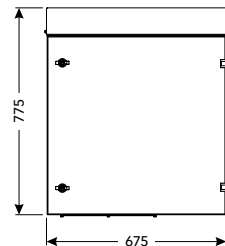
# Ammonium Analyzer Alyza IQ

To monitor the outlet of a wastewater treatment plant and for river monitoring with the IQ SENSOR NET (Systems 2020 and 282/284)

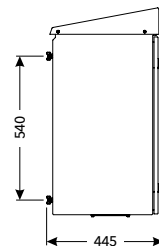
We would like to inform you about the application range on our website



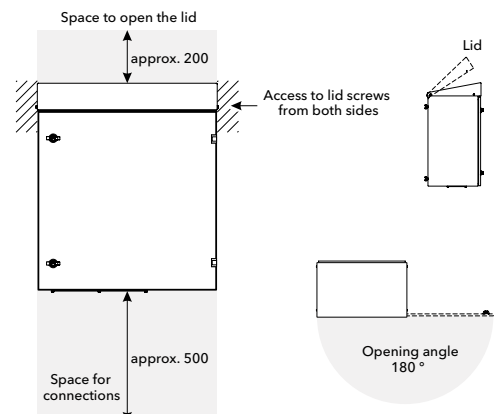
Front view:



Lateral view:



Required space



## Technical Data

Model	Alyza IQ NH <sub>4</sub> -111	Alyza IQ NH <sub>4</sub> -112
Measuring method	Berthelot method (Indophenol method)	
Measuring range	<b>MR 1:</b> 0.02 ... 4.00 mg/l NH <sub>4</sub> -N Displayed: 0.00 ... 4.00 mg/l NH <sub>4</sub> -N	
Resolution	0.01 mg/l NH <sub>4</sub> -N	
Accuracy	±3 %, ±0.02 mg/l	
Measuring range	<b>MR 2:</b> 0.10 ... 20.00 mg/l NH <sub>4</sub> -N Displayed: 0.00 ... 20.00 mg/l NH <sub>4</sub> -N	
Resolution	0.05 mg/l NH <sub>4</sub> -N	
Accuracy	±3 %, ±0.10 mg/l	
Sample streams/channels	1 channel	2 channel
pH range	5 ... 9	
Sample temperature	+39 ... +104 °F (+4 ... +45 °C)	
Solids contents	< 6 g/l (before filtration)	
Filtration unit	Filter/PC, FM-Case/PC (please order separately)	
Cleaning	Automatic cleaning with cleaning solution	
Calibration	Automatic 1- and 2-point calibration	
Ambient conditions	Operational temperature: -4 ... +104 °F (-20 ... +40 °C); Storage temperature: -4 ... +122 °F (-20 ... +50 °C)	
Electrical connection	120 VAC / 240 VAC, 50/60 Hz	
Mechanics	Housing: powder-coated aluminum, UV resistant Overflow vessel: PMMA	
Weight	Approx. 81.6 lb (37 kg) (without liquids)	
Warranty	2 years	

Subject to technical modifications. Availability expected for Q4 2018.

Model	Description	Order No.
Alyza IQ NH <sub>4</sub> -111	NH <sub>4</sub> analyzer, 1-channel, with 2 measuring ranges, Indophenol method, connectable to the IQ SENSOR NET Systems 2020 and 282/284, provides 10 W to the IQ SENSOR NET; including 2 m SNCIQ cable, reagent sets need to be ordered separately	825011
Alyza IQ NH <sub>4</sub> -112	NH <sub>4</sub> analyzer, 2-channel, with 2 measuring ranges, Indophenol method, connectable to the IQ SENSOR NET Systems 2020 and 282/284, provides 10 W to the IQ SENSOR NET; including 2 m SNCIQ cable, reagent sets need to be ordered separately	825012
<b>Reagent sets</b>		
R-Set NH <sub>4</sub> /1-1	Reagents for Alyza IQ NH <sub>4</sub> , when using MR 1	827540
R-Set NH <sub>4</sub> /1-2	Reagents for Alyza IQ NH <sub>4</sub> , when using MR 2	827541
SC-Set NH <sub>4</sub> /1-1_0/1	Calibration standards and cleaning solution for Alyza IQ NH <sub>4</sub> , when using MR 1; Calibration standards with 0 mg/l and 1 mg/l	827545
SC-Set NH <sub>4</sub> /1-1_0/4	Calibration standards and cleaning solution for Alyza IQ NH <sub>4</sub> , when using MR 1; Calibration standards with 0 mg/l and 4 mg/l	827546
SC-Set NH <sub>4</sub> /1-2_0/16	Calibration standards and cleaning solution for Alyza IQ NH <sub>4</sub> , when using MR 2; Calibration standards with 0 mg/l and 16 mg/l	827547