NIBE Uplink™ {api}

Parameters

A system in NIBE Uplink consists of a large set of parameters identified by a unique id. To access these parameters you need to know which id represents which parameter. In most cases this is provided to you via the API but if you plan on using functions that requires input of parameter ids directly you need to know which parameters are available beforehand. This page helps you to identify the most common parameters on a NIBE system.

Data Points

A data point is a value which you can read. This includes sensor values and system statuses.

Id	Description
indoor_temperature	The indoor temperature that is presented to the user in the UI
outdoor_temperature	The outdoor temperature that is presented to the user in the UI
hot_water_temperature	The hot water temperature that is presented to the user in the UI
fan_speed	The fan speed that is presented to the user in the UI
smart_temp_status	The number of degrees celcius the smart heating (Smart Price Adaption and/or SG Ready) of the NIBE system would like to change the indoor temperature from the set value
40004	BT1 outdoor temperature
40030	BT50 room temperature affecting climate system 4
40031	BT50 room temperature affecting climate system 3
40032	BT50 room temperature affecting climate system 2
40033	BT50 room temperature affecting climate system 1
40167	BT50 room temperature affecting climate system 8

Id	Description
40167	BT50 room temperature affecting climate system 7
40167	BT50 room temperature affecting climate system 6
40167	BT50 room temperature affecting climate system 5

Settings

Settings are parameters that can be set by the user and will affect the operation of the system.

Id	Min	Max	Step size	Description
hot_water_boost	0	1	1	Start a hot water boost, i.e. temporary lux, lasting 3 hours. Set to 1 to start, 0 to stop.
ventilation_boost	0	1	1	Start a ventilation boost, i.e. ventilation speed 4, lasting the system specific return time hours. Set to 1 to start, 0 to stop.
47008	-10	10	1	The parallell adjustment for climate system 4 when heating
47009	-10	10	1	The parallell adjustment for climate system 3 when heating
47010	-10	10	1	The parallell adjustment for climate system 2 when heating
47011	-10	10	1	The parallell adjustment for climate system 1 when heating
47395	5	30	0.5	The target room temperature for climate system 4 when heating
47396	5	30	0.5	The target room temperature for climate system 3 when heating
47397	5	30	0.5	The target room temperature for climate system 2 when heating
47398	5	30	0.5	The target room temperature for climate system 1 when heating
48491	-10	10	1	The parallell adjustment for climate system 8 when heating
48492	-10	10	1	The parallell adjustment for climate system 7 when heating
48493	-10	10	1	The parallell adjustment for climate system 6 when heating
48494	-10	10	1	The parallell adjustment for climate system 5 when heating
48680	5	30	0.5	The target room temperature for climate system 8 when heating
48681	5	30	0.5	The target room temperature for climate system 7 when heating
48682	5	30	0.5	The target room temperature for climate system 6 when heating
48683	5	30	0.5	The target room temperature for climate system 5 when heating
48732	-10	10	1	The parallell adjustment for climate system 8 when cooling
48733	-10	10	1	The parallell adjustment for climate system 7 when cooling
48734	-10	10	1	The parallell adjustment for climate system 6 when cooling
48735	-10	10	1	The parallell adjustment for climate system 5 when cooling

Id	Min	Max	Step size	Description
48736	-10	10	1	The parallell adjustment for climate system 4 when cooling
48737	-10	10	1	The parallell adjustment for climate system 3 when cooling
48738	-10	10	1	The parallell adjustment for climate system 2 when cooling
48739	-10	10	1	The parallell adjustment for climate system 1 when cooling
48778	5	35	0.5	The target room temperature for climate system 8 when cooling
48779	5	35	0.5	The target room temperature for climate system 7 when cooling
48780	5	35	0.5	The target room temperature for climate system 6 when cooling
48781	5	35	0.5	The target room temperature for climate system 5 when cooling
48782	5	35	0.5	The target room temperature for climate system 4 when cooling
48783	5	35	0.5	The target room temperature for climate system 3 when cooling
48784	5	35	0.5	The target room temperature for climate system 2 when cooling
48785	5	35	0.5	The target room temperature for climate system 1 when cooling