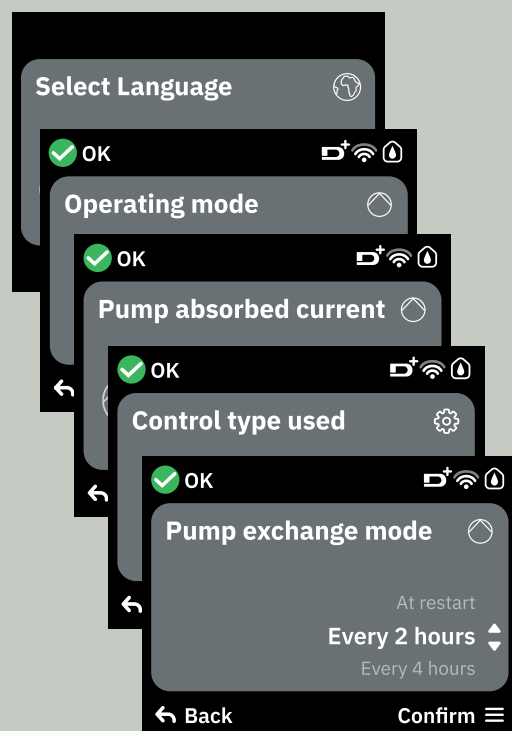


ngpanel

# EASY SETUP USING THE DAB VIRTUAL COCKPIT



Everything from the initial configuration to system monitoring and water consumption is an intuitive experience. The DAB Smart System requires just 5 minutes and 5 basic steps via the setup wizard.



ready  
**D+CONNECT** ALWAYS IN CONTACT  
WITH YOUR SYSTEMS

## BUILT-IN CONNECTIVITY

DAB digital services allow you to remotely control your installations, in real time and wherever you are. With the owner's permission, connectivity in the cloud allows you to monitor activity of the pumps and receive updates on operation and alarms in order to anticipate the risk of malfunctions and seizing.



**DCONNECT** installer benefits – remote access, proactive monitoring, peace of mind for your customer.

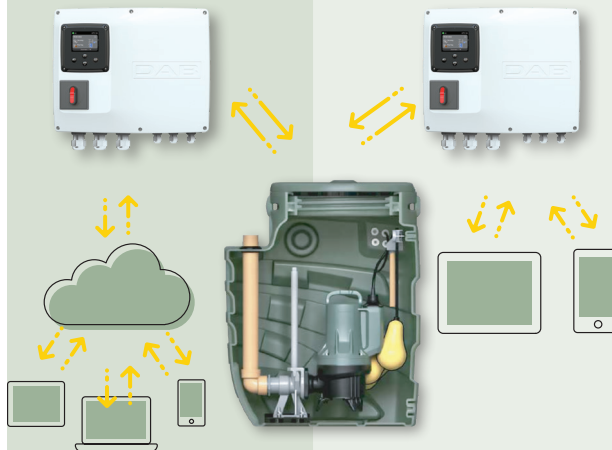
**D-CONNECT** customer benefits – energy savings and lower bills.

For more information visit:  
[www.internetofpumps.com](http://www.internetofpumps.com)



## REMOTE ACCESS

Remote access even allows you to monitor pumping station operation from the office, or anywhere else with an internet connection. So you can take fast action in the event of a breakdown or malfunction.



## LOCAL ACCESS

The local Bluetooth connection can be used to perform settings or interact effortlessly with the system straight from the DConnect app.

[DABPUMPS.US/EN/NGPANEL](http://DABPUMPS.US/EN/NGPANEL)

SIMPLY RELIABLE

**DAB**



ngpanel

## THE NEXT GENERATION CONTROL PANEL

## ELECTRONIC CONTROL PANEL TO MANAGE DRAINAGE AND SEWAGE PUMPS

DAB NgPanel controls and protects one or two single-phase or three-phase pumps in residential, commercial and livestock environments, where pumps are used for removing sewage and drainage water or filling (transferring) water into tanks.

The control panel protects the pumps and allows them to operate in automatic mode when connected to floats, level probes, or depth probes. It's ideal for filling and emptying operations, monitoring water levels in tanks or wells in real time, controlling pumps' automatic starting and stopping, providing thermal overload protection for the motor, and offering the option of controlling the system's operation remotely.

[DABPUMPS.US/EN/NGPANEL](http://DABPUMPS.US/EN/NGPANEL)

## APPLICATION EXAMPLE



DRAINAGE

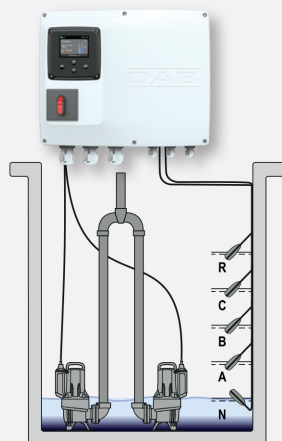


EFFLUENT

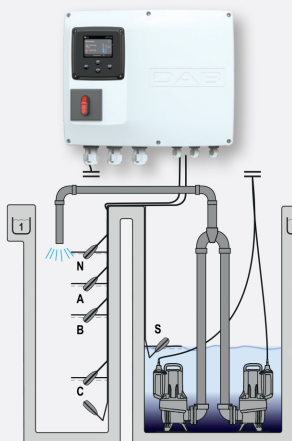


SEWAGE

### EMPTYING MODE



### FILLING MODE



**THE NEXT  
GENERATION  
CONTROL PANEL -  
CONSULT YOUR  
LOCAL DAB  
DISTRIBUTOR**

MORE BENEFITS AND DETAILS:



DAB PUMPS USA  
3226 Benchmark Drive  
Ladson, SC 29456 USA  
service.us@dabpumps.com  
Tel: 1-843-797-5002  
Fax: 1-843-797-3366

DABPUMPS.US

## THE NEXT GENERATION CONTROL PANEL

### TO BE USED WITH:



### TECHNICAL DATA

**Single-phase power:** 1 x 230 VAC 50/60 Hz  
**Three-phase power:** 3 x 400 VAC - 3 x 575 VAC 50/60 Hz  
**Maximum operating current:**  
1 x 29 A (1 x 230 VAC - 1 x 110 VAC)  
1 x 12 A (3 x 400 VAC - 3 x 230 VAC)  
2 x 12 A (1 x 230 VAC - 1 x 110 VAC)  
2 x 12 A (3 x 400 VAC - 3 x 230 VAC)  
2 x 20 A (1 x 230 VAC - 1 x 110 VAC)  
1 x 8 A (3 x 575 VAC)  
2 x 8 A (3 x 575 VAC)  
**IP protection:** IP55 and NEMA 3R  
**Room temperature:** +14°F +122°F  
**Starting capacitor:** supplied as an additional kit  
**Maximum altitude:** 3,280 ft. above sea level  
**Certification:** CE, UL/CSA



	NGPANEL 12A			NGPANEL 20A			NGPANEL 29A		
FREQUENCY (Hz)	50/60								
POWER SUPPLY (VAC)	1x100-240	3x440	3x575	1x100-240	3x440	3x575	1x100-240	3x440	3x575
MAX INPUT CORRENT (A)	12+12	12+12	8+8	20+20	12+12	8+8	29	12	8
MAX PUMP POWER (P2) (kW)	1.5+1.5	5.5+5.5	2.5+2.5	2.5+2.5	5.5+5.5	5.5+5.5	3.5	5.5	5.5

MODEL	CODE	VOLTAGE 50/60 Hz	STARTING	PUMP MAX CURRENT A	PUMP MAX POWER HP
NGPANEL 1 PUMP 29 A	60212822	1 x 230 VAC - 1 x 110 VAC	DIRECT	29	6
		3 x 400 VAC - 3 x 230 VAC		12	7.4
		3 x 575 VAC		8	7.4
NGPANEL 2 PUMPS 20 A	60212821	1 x 230 VAC - 1 x 110 VAC	DIRECT	20	3.4
		3 x 400 VAC - 3 x 230 VAC		12	7.4
		3 x 575 VAC		8	7.4
NGPANEL 2 PUMPS 12 A	60211088	1 x 230 VAC - 1 x 110 VAC	DIRECT	12	2
		3 x 400 VAC - 3 x 230 VAC		12	7.4
		3 x 575 VAC		8	7.4