



DAS HERZ DER FRISCHE

# ELECTRONICS AND CONTROLS

FOR AIR HANDLING UNITS

CF-200-2 EN



ELECTRONIC CONTROL SOLUTION

-  AIR HANDLING
-  SMART CONNECT APP
-  BEST SOFTWARE

# DEVELOPED FOR RESIDENTIAL AND COMMERCIAL AIR HANDLING UNITS

- // Housing associations
- // Private homes
- // Education
- // Health
- // Hotels
- // Offices



The configurable, pre-programmed air handling controllers makes it possible to control various air handling units. They are developed for residential and commercial air handling units in order to maintain an optimal indoor climate and optimize the air handling operation to save time, cost and energy. In addition BITZER provides a control platform with intuitive touch displays, apps, cloud solutions, sensors and accessories. Electronic products from BITZER are easy and intuitive to integrate for reliable operation, fast installation and better system reliability.

## ELECTRONIC CONTROL SOLUTIONS



## SEAMLESS INTEGRATION OF CUSTOMER BRANDABLE CONTROLS

### Interoperability

Easy and intuitive integration of BITZER products to ensure fail safe operation and fast installation. By using BITZER control modules you will experience better performance and higher reliability in a seamless and efficient system integration.

### Ready to market cloud and app solution

With BITZER SMART CONNECT you get a standard, intuitive and easy to use cloud based solution. BITZER SMART CONNECT enables you to connect your air handling unit to app and PC via cloud, allowing you to monitor and adjust your air handling unit remotely – anytime, anywhere.

### Intuitive user interfaces

The user interfaces are designed by our interaction design engineers with high focus on customer experience and ease of use. You will experience a fast configuration and have a detailed overview of your

system. The user interfaces are designed for multiple platforms and secures consistent interaction on both user panels, desktop, tablet, and mobile phone. Furthermore the user interfaces are designed to handle various user levels for both domestic and commercial air handling units.

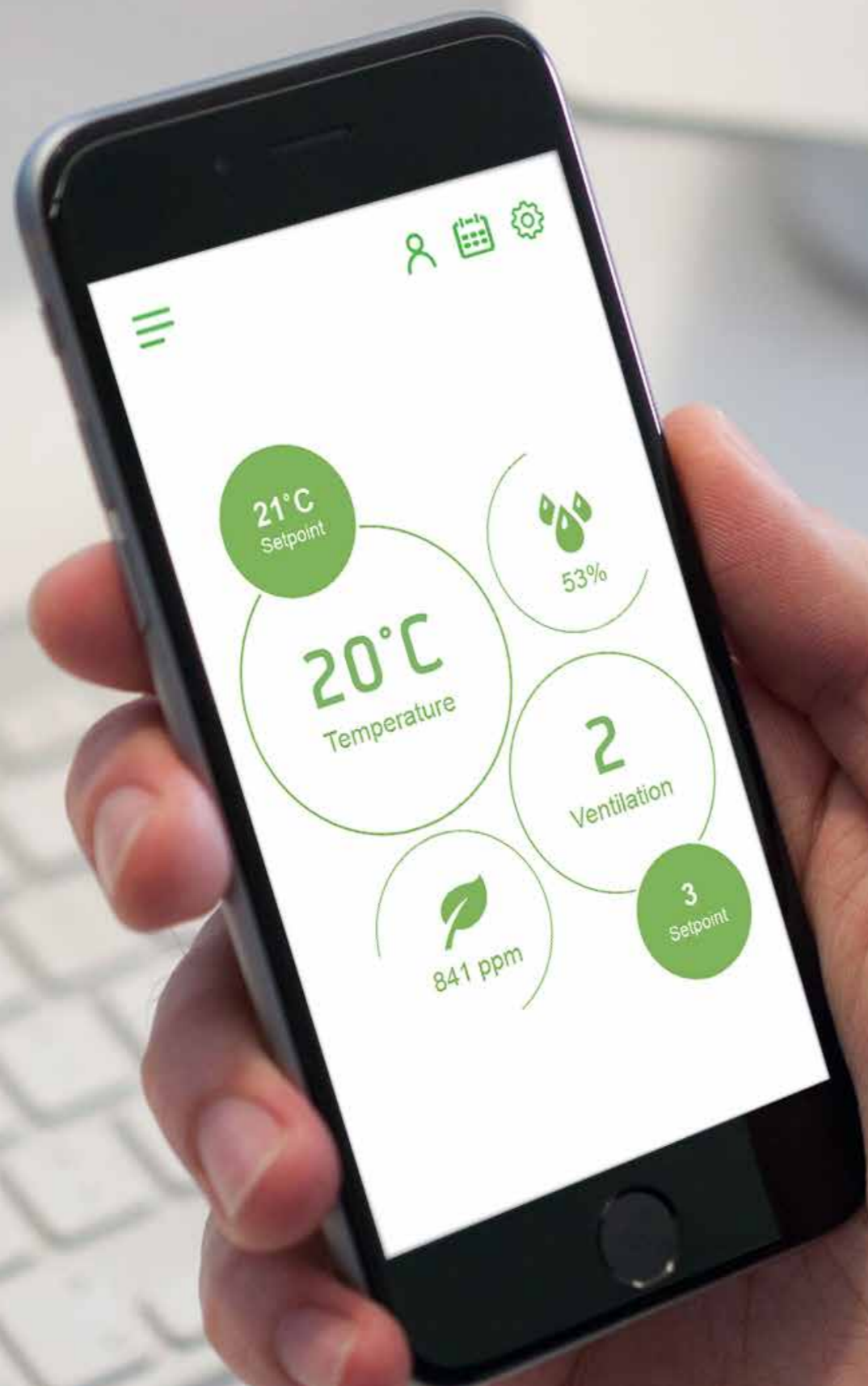
### Possibility for customer adapted design

Promote your own brand and differentiate from competitors by adding your logo, corporate colors and main screens to our user panels and BITZER SMART CONNECT for APP and PC.

### Cost savings with end-of-line testing

Secure high quality in your production with end-of-line tested products. No expert knowledge required. The advanced production test and product configuration is done simple by using BITZER End of line production test system and can easily be integrated in your production setup where BITZER products are integrated.

## CUSTOMER PACKAGES FOR EASY ADAPTION AND A COMPETITIVE EDGE



**INTUITIVE APP, CLOUD SOLUTION AND TOUCH DISPLAYS**



### CUSTOMER ADAPTED Customized application, customer branded

Enabling you to get a solution build on existing platform modified to fit both hardware and software application specific requirements.



### CUSTOMER BRANDED Optimized application, customer branded

Enabling you to get all the standard air handling features on our standard HW platform, and at the same time a branded solution which are aligned with your unique corporate design.



### BITZER Optimized application, off the shelf controller

Enabling you a quick to market air handling solution suitable for a wide range of standard air handling units.

Ready to market solution	•		
Standard hardware	•	•	•
Standard software functionality	•	•	•
Easy commissioning/installation	•	•	•
Customer logo on HMI frame		•	•
Customer logo in user interface		•	•
User interface in customer color		•	•
Modified hardware			•
Customer adapted software			•
Customer adapted user interface			•



# AIR HANDLING APPLICATION MATRIX

			ACTIVE HEAT RECOVERY	CROSS & COUNTER-FLOW HEAT RECOVERY	ROTOR HEAT RECOVERY	HEATER & WATER
		PRODUCTS	APPLICATIONS			
CONTROLLER		LMC310i SMART, AIR HANDLING CONTROLLER	●	●	●	
		LMC310i EXTENDED, AIR HANDLING CONTROLLER	●	●	●	●
HMI		HMI350TW (3,5" TOUCH & WIFI)	○	○	○	
		HMI700T (7" TOUCH)	○	○	○	
CLOUD/APP		SMART CONNECT CLOUD	○	○	○	
		SMART CONNECT APP	○	○	○	
SERVICE TOOLS		BEST DESKTOP	○	○	○	
		BEST APP	○	○	○	
		END OF LINE PRODUCTION TEST SYSTEM	○	○	○	
ACCESSORIES		RH SENSOR	○	○	○	
		NTC SENSOR	○	○	○	
		NTC (250°C)	○	○	○	
		NTC (RESIN)	○	○	○	
		DUAL DPT				
		SINGLE DPT				
		EEV DRIVER	○			
		PRESSURE TRANSMITTER	○			

● Included ○ Optional

PREHEATER	DX COOLING	COOLING WATER	PRESSURE CONTROL	FAN SPEED	AIR QUALITY CONTROL	CLOUD CONNECTIVITY	PRIVATE HOMES	APARTMENTS	EDUCATION	OFFICES	HEALTH	HOTELS	RETAIL	INDUSTRIAL
FUNCTIONALITY							IDEAL USE							
				●		●	●	●						
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
						○	●	●	●	●				
								●	●	●	●	●	●	●
						○	●	●	●	●				
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