



DAS HERZ DER FRISCHE

ELECTRONICS AND CONTROLS

FOR HEAT PUMPS

CF-100-3 EN



ELECTRONIC CONTROL SOLUTION



HEAT
PUMPS



SMART
CONNECT APP



BEST
SOFTWARE

DEVELOPED FOR RESIDENTIAL AND COMMERCIAL HEAT PUMPS

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

The configurable, pre-programmed heat pump controllers makes it possible to control various heat pump applications. They are developed for residential and commercial heat pumps in order to maintain an optimal indoor climate and optimize the heat pump 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 SOLUTION



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 heat pump to app and PC via cloud, allowing you to monitor and adjust your heat pump 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 residential and commercial heat pump applications.

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.

INTUITIVE APP, CLOUD SOLUTION AND TOUCH DISPLAYS WITH YOUR LOGO AND CORPORATE COLOR?



CUSTOMER PACKAGES FOR EASY ADAPTION AND A COMPETITIVE EDGE



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 heat pump features on the BITZER hardware platform, and at the same time a customer branded solution which is aligned with your unique corporate design.



BITZER Optimized application, off the shelf controller

Enabling you a quick to market heat pump solution suitable for a wide range of standard heat pump applications.

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

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HEAT PUMPS APPLICATION MATRIX

			BRINE / WATER	AIR / WATER	WATER / WATER	DOMESTIC HOT WATER
PRODUCTS			APPLICATIONS			
CONTROLLER		LMC320i SMART, HEAT PUMP CONTROLLER	•		•	•
		LMC320i EXTENDED, HEAT PUMP 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		PTC SENSOR	○	○	○	○
		NTC SENSOR	○	○	○	○
		NTC (250°C)	○	○	○	○
		NTC (RESIN)	○	○	○	○
		EEV DRIVER	○	○	○	○
		PRESSURE TRANSMITTER	○	○	○	○

• Included ○ Optional

PASSIVE COOLING	SOLAR PANEL	BITZER IQ MODULES	ELECTRONIC EXPANSION VALVE	2 COMPRESSORS	CASCADE CONTROL	CLOUD CONNECTIVITY	PRIVATE HOMES	APARTMENTS	EDUCATION	OFFICES	HEALTH	HOTELS	RETAIL	INDUSTRIAL
FUNCTIONALITY							IDEAL USE							
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