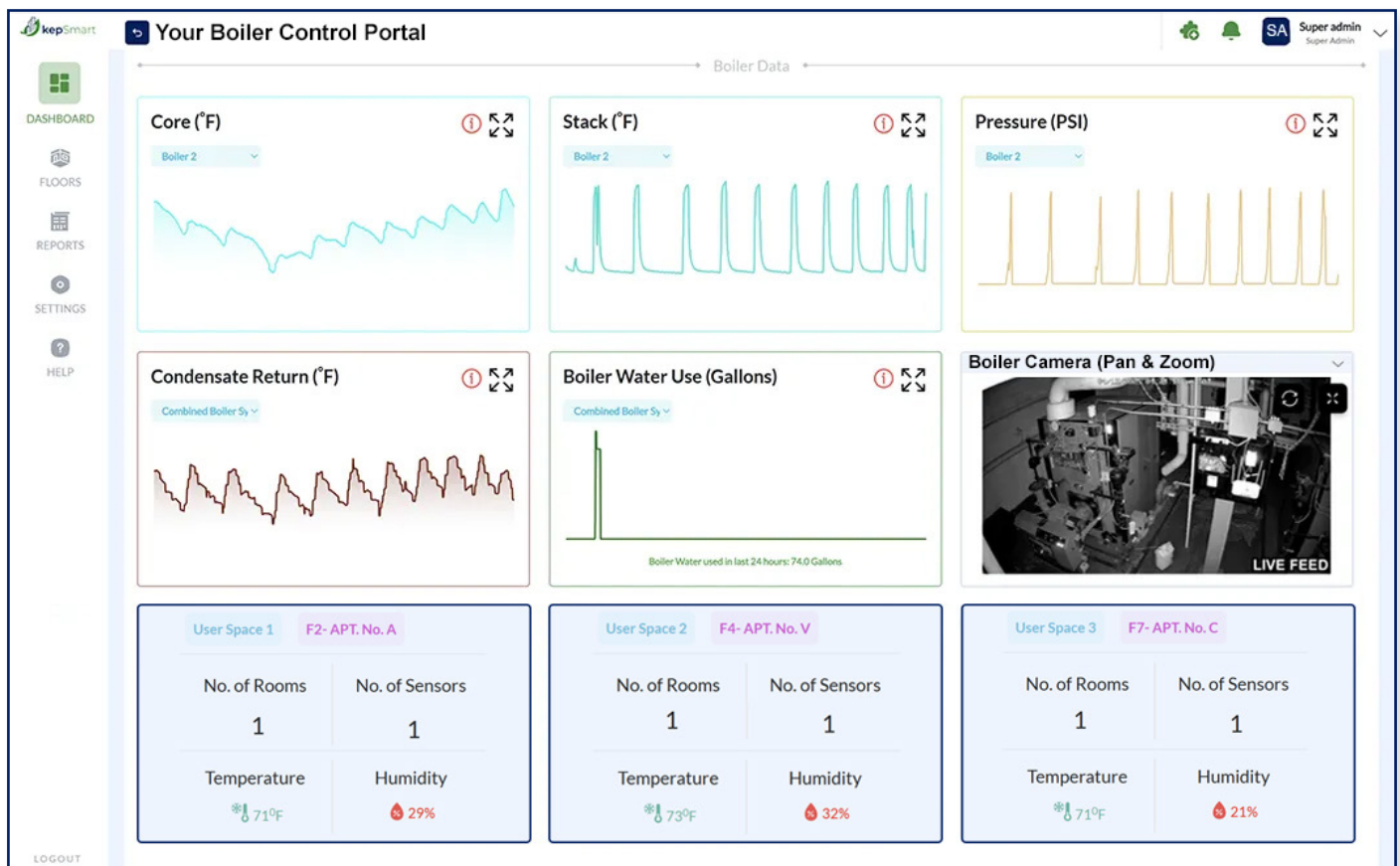# kepSmart

BC-MF
BOILER CONTROL – MULTIFAMILY

FEATURES:

- Perfect retrofit for boilers in multifamily dwellings to balance temperatures and deliver 22% more efficiency of any legacy steam or hydronic system.

- Online portal and mobile app for real-time visibility and control of system without the need for a difficult to use point-of use display (Internet connection required).

- AI-driven software that considers inside temperature (via sensors) and outside temperature (no sensor needed) when making cycle decisions.

- Optional radiator upgrade that eliminates all hot and cold spots (see **IRC (Intelligent Radiator Controls)**).

- Live view of boiler room via camera with zoom and pan functionality, eliminating bothersome trips to the boiler room.

- Unlimited capacity for additional network monitoring sensor and switch inputs (contact factory for details).

- 24 hour on-site backup memory in case of Internet loss.

ROI In Less Than 18 Months*

*over traditional controls, after rebates for typical 20 unit apartments, the more apartments the more savings!!!

Your Boiler Control Portal — Boiler Data

| DASHBOARD | FLOORS | REPORTS | SETTINGS | HELP |

Core (°F) — Boiler 2
Stack (°F) — Boiler 2
Pressure (PSI) — Boiler 2
Condensate Return (°F) — Combined Boiler Sy
Boiler Water Use (Gallons) — Combined Boiler Sy — Boiler Water used in last 24 hours: 74.0 Gallons
Boiler Camera (Pan & Zoom) — LIVE FEED

User Space 1	F2- APT. No. A		User Space 2	F4- APT. No. V		User Space 3	F7- APT. No. C
No. of Rooms	No. of Sensors		No. of Rooms	No. of Sensors		No. of Rooms	No. of Sensors
1	1		1	1		1	1
Temperature	Humidity		Temperature	Humidity		Temperature	Humidity
71°F	29%		73°F	32%		71°F	21%

LOGOUT

REBATES:

Available for qualified building types and geographies. (contact factory for details)

PART NUMBERS:

BC-MF25   (up to 25 units)
BC-MF100   (26 - 100 units)
BC-MF200   (101 - 200 units)
BC-MFPSI   (Digital Pressure Gauge)
BC-MFWM   (Digital Water Meter)

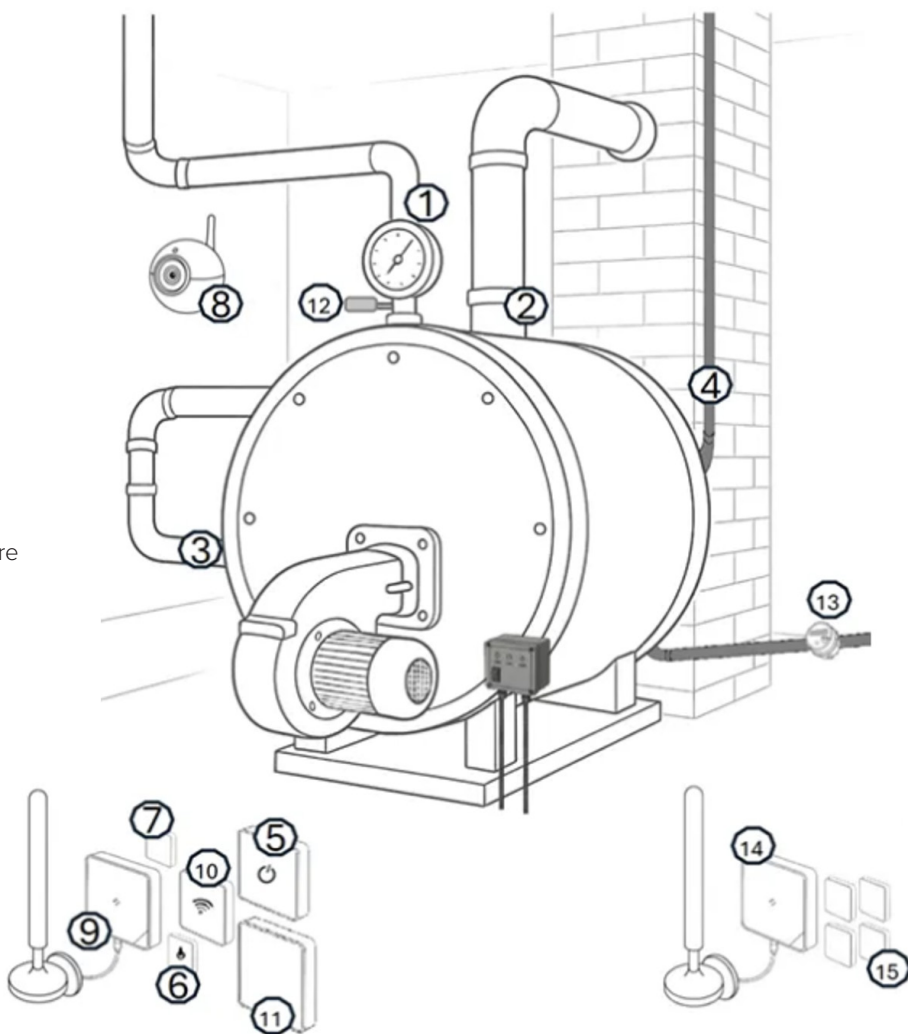## COMPONENTS (PROFESSIONAL INSTALLATION REQUIRED)

BOILER ROOM FUNCTIONS

1 COIL
2 STACK
3 RETURN LINE
4 DOMESTIC HOT WATER
5 POWER SUPPLY
6 SWITCH
7 BOILER RELAY
8 CAMERA
9 LONG RANGE GATEWAY (9 & 14)
10 ROUTER
11 LONG RANGE BOILER MANAGER

FOR INSTALLATION UPSTAIRS

14 LONG RANGE GATEWAY (9 & 14)
15 LONG RANGE TEMPERATURE SENSORS
Self-powered (10 year battery) temperature sensors allow for a wide variety of placement options

OPTIONAL (ORDER SEPARATELY)

12 DIGITAL PRESSURE
13 DIGITAL WATER METER

PROFESSIONAL INSTALLER:

IRC INTELLIGENT RADIATOR CONTROLS

Control Every Radiator, Save 20% More Energy.