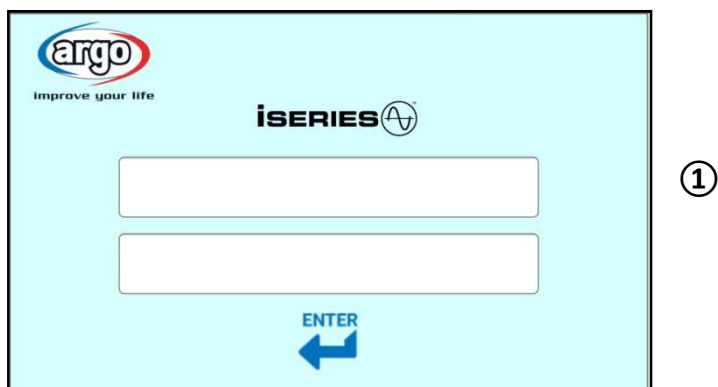# QUICK START GUIDE FOR TC43/WB43

TC43 and WB43 are to be used just with iSeries multi service systems (air conditioning, heating and DHW). These controls use the same BUS communication as any other indoor units (they can be considered as another indoor unit connected). You can control up to 4 systems with 1 single control (4 bus connections available). A good quality 12 VDC power supplier is required (field supplied).
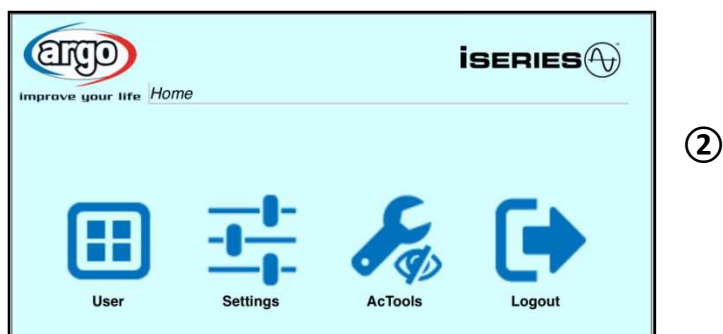
- Plug the 12 VDC power supplier;

- TC43/WB43 turns ON and LOG IN page is shown;

Proceed with LOGIN (first time you have to input ADMIN; ADMIN)

 ①

- Press "ENTER"   -
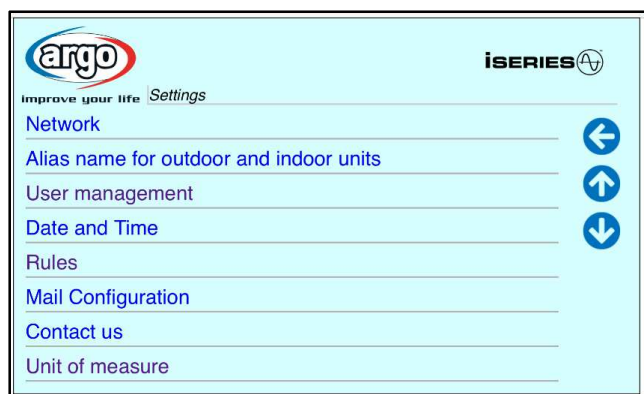The following screen will appear:

 ②

MAIN FUNCTIONS

- **User**   Indoor and outdoor units management

- **Settings**   TC43/WB43 control setting

- **AcTools**   Advanced option only for installers
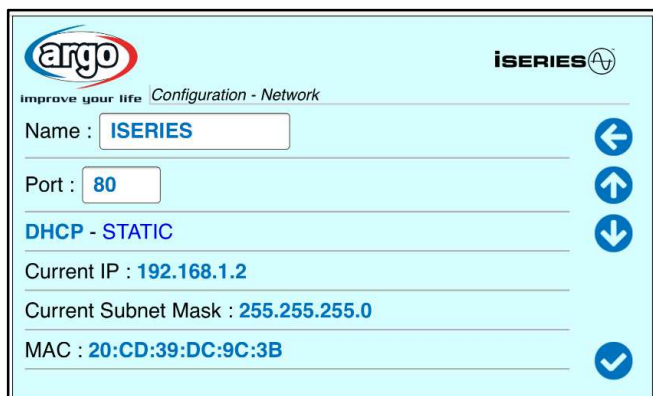
- **Logout**   Back to LOGIN page

Only Administrator Users can access to ACtools option (installers)

Push "Setting"

- **Network**	LAN settings;
- **User management**	Use this function to create different User profiles
- **Rules**	Use this option to create your personal Rules for indoor units operation
- **Alias**	You can assign different names/location to indoor/outdoor units.

Push "Network"

- **DHCP - STATIC**	Choose this configuration following your LAN setting

When DHCP is selected, every time that the control is connected to the router (or every time that the router is switched off and on again) it receives a different IP address (check it on Current IP). So if you want to reach the control with another device you have to check on it. This is very simple with TC43 (you have just to open this screen). In case of WB43 you have to verify it checking inside the router itself (you will see an iSeries control listed on the devices connected to it). Besides this, the very first time is mandatory to connect WB43 to your PC and input its IP address 192.1168.0.150 on your browser. By doing this, you will be able to use the control and modify its settings.

If your network can operate with static IP you can select this option and then input the IP address for the control. This will never change.

⑤

Here is where it's possible to create different users' profile. Each profile can be low level (level 2) or high level (level 1).

Level 2 users (normal end users) will only be able to manage indoor units parameters, create rules and access basic settings.

Level 1 users (normally they will be installers or service) will have full access to deeper settings and will be able to use AcTools function.

⑥

Rules could be used to input different "actions" in time (i.e. starts every working day at 8:00 at stops at 18:00). Once a rule has been created, it can be applied to every indoor units you decided to include. Rules do not modify operational parameters of the units (they remain the last set).
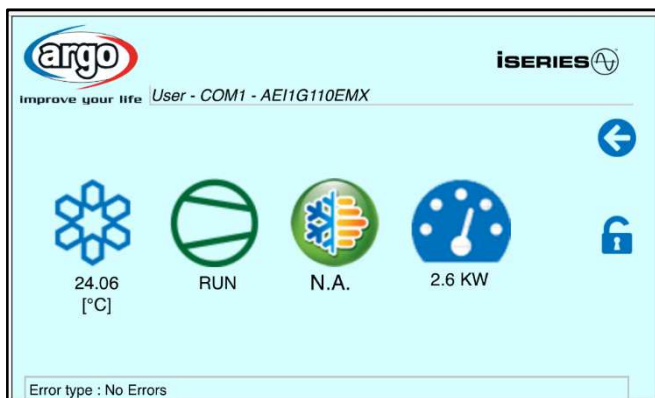
Remember always to confirm any changes with the "V" button.

⑦

⑧

With *Alias* configuration is possible to change any units (outdoor and indoor) name. Any unit can be identified by its position inside the building (room name). If there are more than one outdoor units connected, it would be better to "tag" them.

OUTDOOR AND INDOOR UNITS SCREENS

⑨

Outdoor screen:

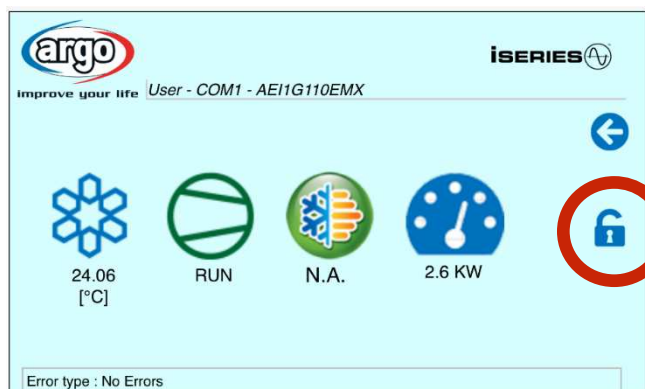- Operation mode (cooling/heating) and outdoor temperature

- Compressor status

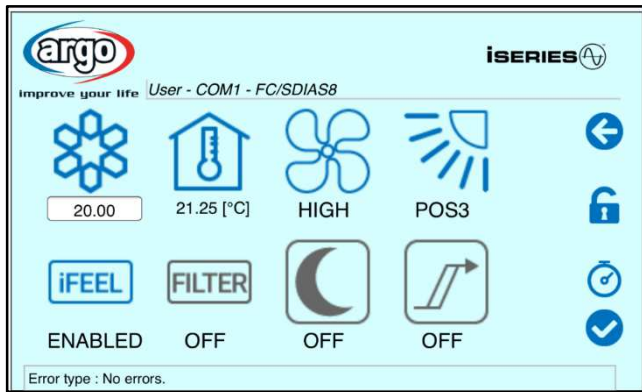- Defrost cycle status

- Electric input (real time estimation)

⑩

- *Unlock button*: this button can be found both in indoor and outdoor screens. It has a very important function.
- Note: when WB43 or TC43 keep control, the wireless controllers and the eMix panel **are disabled.**
- In order to take them back on line, you have to press the unlock button.
- If you press this button on outdoor screen, all wireless control and eMix panel will be unlocked.
- If you press it in one indoor, just the related controller will be re-activated. Unlock function restores all previous settings.

⑪

Indoor screen:

 • Operation mode (off/cooling/heating/dry/fan) and set point temperature

 • Indoor temperature

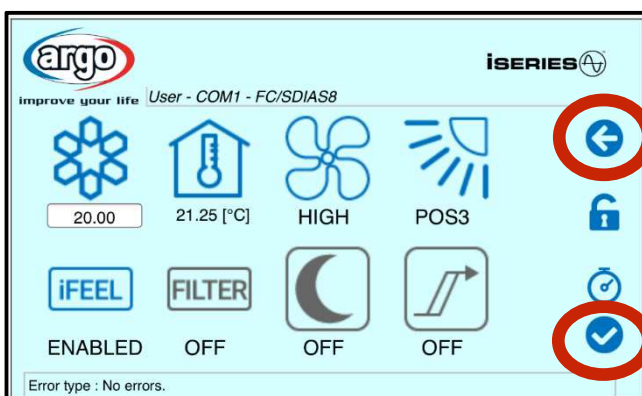 • Fan speed

 • Flap position

 • iFeel (enabled/disabled)

 • Filter (on/off)
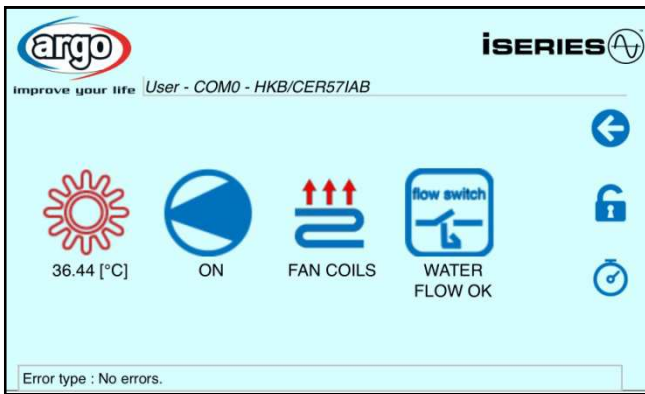
 • Night mode (on/off)

 • Turbo mode (on/off)

BACK

⑫

CONFIRM

Please always remember to confirm your operation and use the "back" button (do not use back function of web browser)!

Hydrokit screen

Hydrokit is managed by its own water control system: Aquaset. iSeries controls can display the following status:

- Operation mode (off/heating/cooling) and water outlet temperature
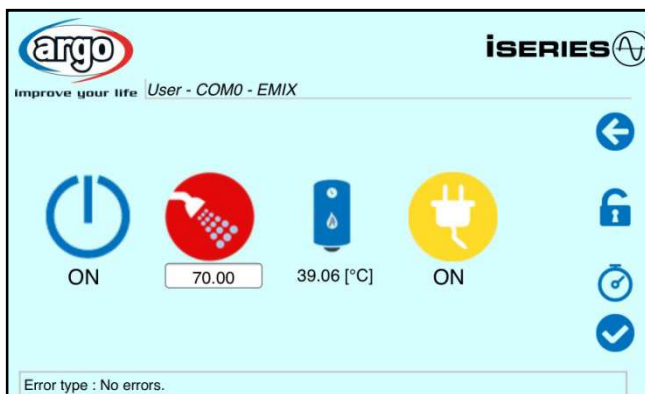
- Water pump status

- Application selected (fancoil/underfloor/radiators)

- Flow switch feedback

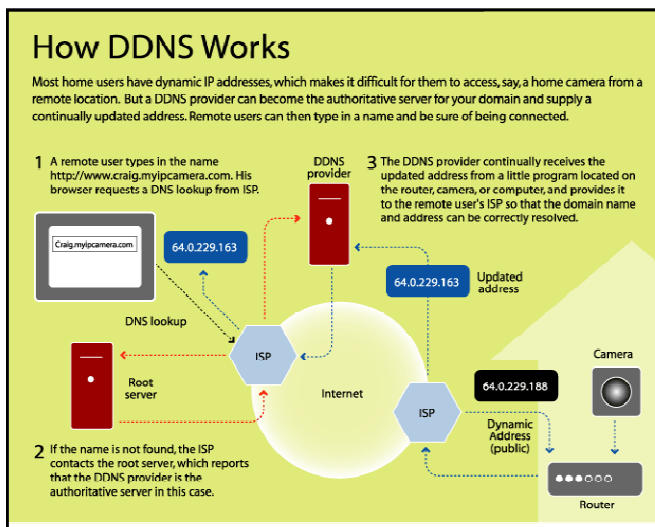**eMix and eMix Tank screen:**

- Emix status (on/off)

- DHW set point

- Water temperature (tank)

- Electric back up heaters status (on/off)

Remote access to TC43 and WB43 is a key factor, specially for skilled users who wants to manage their heat pump system in any moment to achieve maximum performance.

iSeries controls are designed to be reached via remote access using a third party service called *DDNS* (Dynamic Domain Name System). This service is available from several providers (sometimes it's free of charge).

With a DDNS service (a private account is required) you can reach the router connected to TC43/WB43 using a 3G connection or a public wifi. Your router should be set to "route" this connection directly to iSeries controls.

This type of remote connection is already very common for security camera control.