



*Pocket Quick  
Reference For the  
Correct WIFI interface's and  
"APP's" for*

**TOSHIBA**   **CIAT**   **FUJITSU**

AIR CONDITIONING

*Air Conditioning Systems*





**TOSHIBA, CIAT and FUJITSU**, offer a range of WIFI solutions, this publication shows the relevant interfaces, and applications per brand and model.

Toshiba offer their own bespoke WIFI interfaces and “Applications” there are two bespoke platforms.

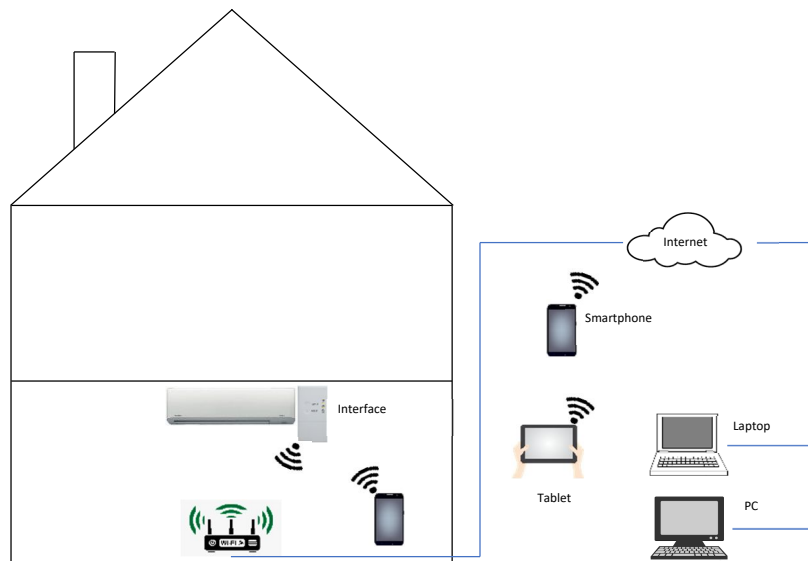
For individual split systems from the RAS range these are the RB-N103/5 – 104/6S-G which links to the “Toshiba Home App” and controls singular RAS indoor units

For the Toshiba RAV/VRF range the interface would be the BMS-IWF0320E which links to the “Toshiba AC Control App” and controls up to 32 indoor units.

There are also two IntesisHome interfaces, the RBC-IS-IR-WIFI1 which is a “Learning type” interface which couples to the infra-red remote and controls Singular (RAS only Singular) or “Grouped – Max 8” (RAV/VRF) indoor units.

The second interface is the RBC-TO-RC-WIFI1, which connects to the TCC remote control network terminals A&B at the indoor unit and controls Singular or “Grouped – Max 8” indoor units, both interfaces link to the “IntesisHome App”

### **TOSHIBA options.**



The RB-N103/5S-G interface is supplied **without** a cable. The interface is fitted **inside** the respective RAS indoor unit, electrical connections are also located within the indoor unit, the interface will facilitate control of ONE RAS unit. On Multi RAS systems one interface is required per indoor unit.

The RB-N104/6S-G interface is supplied **with** a cable. The interface is installed **outside** of the respective RAS indoor unit, an electrical socket, (CN22-CN21) is located on the indoor units printed circuit board, the interface will facilitate control of ONE RAS unit. On Multi RAS systems one interface is required per indoor unit.

The above interfaces RB-N103/5S-G & RB-N104/6S-G, link to the **TOSHIBA Home App**, which allows for 1 user to control up to 10 AC units, 1 AC unit can be controlled by up to 5 users. Registration is required via the "App" Units can be grouped into 3 zones. Password and Secure login, Child Lock function. Allows for checking the systems status, set scheduled timers, set "sleep timer", adjust all main functions, Mode, Temperature set point, Fan speed, Louvre position.  
**Currently this "App" cannot be voice controlled via "Google Home or Amazon Echo Plus"**

Note: RB-103S-G will be replaced with RB-105S-G and RB-104S-G will be replaced with RB-106S-G once current stock of the RB103/104S-G interfaces have been exhausted. There are NO major differences between the current and the replacement interfaces, the new interfaces have had a "software" update.

The BMS-IWFO320E should be installed within a suitable electrical housing and is directly wired into a "TCC Central Remote-Control Circuit" identified as terminals U3 & U4 at the respective "Lead outdoor VRF unit, Mini VRF, Heat Pump or Heat Recovery". An "Ethernet (LAN) connection is required from the device to a field supplied wireless router, the interface will facilitate control of up to 32 RAV/VRF indoor units. (RAV indoor units will require an TCB-PCNT30TLE2 interface per indoor unit), this interface links with the **"TOSHIBA AC Control App"**

The RBC-IS-IR-WIFI interface, is installed **outside** of the indoor unit in direct line of sight with the infra-red remote receiver, located in the indoor unit, the interface will facilitate control of ONE RAS / RAV / VRF (With Infra-Red remote control) indoor unit, or group of units RAV/VRF (Max 8). The interface is of the "Learning" style which "mirrors" the supplied infra-red remote controllers functions. This interface will NOT work with indoor units using a hard-wired remote controller. On Multi RAS systems one interface is required per indoor unit.

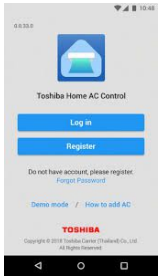
The RBC-TO-RC-WIFI interface, is installed **outside** of the indoor unit and is hard wired to the TCC local remote network terminals A&B located at the respective indoor unit, this interface can be used alongside an optional Toshiba hard-wired local remote controller, (Please note if coupled with a RBC-AMS51/4/5-E-ES remote controller, there are two options available **1) Disable the RBC-AMS51/4/5-E-ES back light via the "Initial Settings Menu" item 4 on the remote controller, press and hold the "Menu" button "Initial Setting Menu" will be displayed scroll down to item 4, backlight and turn off the light, by default the backlight is factory set to on. 2) Install a "field supplied axillary power supply will be required, A NEC Class 2 or Limited Power Source (LPS) and SELV rated power supply to the device, respect the polarity. Always apply a voltage within the range admitted and of enough power (12V DC, min. 60 mA), connected to terminals (- Power +), inside the RBC-TO-RC-WIFI1).** These options do NOT apply to other standard Wired remote controllers from within the Toshiba control options. The interface will facilitate control of ONE Singular or "Group – Max-8" RAV / VRF indoor unit.

Both the RBC-IS-IR-WIFI and the RBC-TO-RC-WIFI interfaces link to the IntesisHome "App" which can be utilised with any Smartphone, Windows PC and is compatible with both "Google Home and Amazon Echo"

**The above wireless adaptors are compatible with routers, that are compatible with the IEEE802.11b/g/n wireless communication standard. 2.4GHz band ONLY**

**Note: "#" Currently under review, revised "App" from November 2020 which will be compatible with "Google Home" and "Amazon Echo", but NOT compatible with Apple "Siri".**

**IntesisHome will be re-named "AC Cloud Control" from 1<sup>st</sup> October 2020**



Toshiba "Home" App

Screenshots



IntesisHome



IntesisHome (Windows)

Model	Size	Toshiba Solution				IntesisHome				
		Interface				"App"		Interface		"App"
		RB-N103S-G	RB-N104S-G	BMS-IWFO320E	TCB-PCNT30TLE2	Toshiba Home	Toshiba AC Control	RBC-IS-IR-WIFI	RBC-TO-RC-WIFI	IntesisHome
<b>MIRAI</b>										
RAS-B##BKVG-E	05/07/10/13/16/18/24	x	x	x		x	x	✓	x	✓
<b>SEIYA</b>										
RAS-B##J2KVG-E	05/07/10/13/16/18	x	✓			✓		✓		✓
RAS-B##J2KVG-E	24	✓				✓		✓		✓
<b>SHORAI</b>										
RAS-B##PKVSG-E	10/13/16		✓			✓		✓		✓
RAS-B##PKVSG-E	18/22/24	✓				✓		✓		✓
<b>SHORAI EDGE</b>										
RAS-B##J2KVSG-E	10/13/16/18/22/24	✓				✓		✓		✓
<b>DAISEKAI</b>										
RAS-##PKVPG-E	10/13/16	✓				✓		✓		✓
<b>Bi-Flow Console</b>										
RAS-B##U2FVG-E	10/13/18		✓			✓		✓		✓
<b>Multi Duct</b>										
RAS-M##U2DUG-E	07/10/13/16/22/24							✓ <sup>1</sup>		✓
<b>Compact Cassette</b>										
RAS-M##U2MUVG-E	10/13/16							✓ <sup>1</sup>		✓
<b>RAV - Indoor</b>										
RAV	All Models			✓ <sup>2</sup>	✓ <sup>2</sup>		✓		✓ <sup>3</sup>	✓
<b>VRF – Indoor</b>										
VRF	All Models			✓			✓		✓ <sup>3</sup>	✓
Notes: <sup>1</sup> Can only be utilised with infra-red remote-control option. <sup>2</sup> Additional TCB-PCNT30TLE2 interface required per indoor unit. <sup>3</sup> Can only be utilised with hard-wired remote-control option.										

## CIAT Options

Ciat STELLA High Wall Air Conditioning units are factory fitted with the WIFI option and is in the form of a USB plug in interface, which plugs into the inbuilt receiver located within the **inside** front cover of the indoor unit.

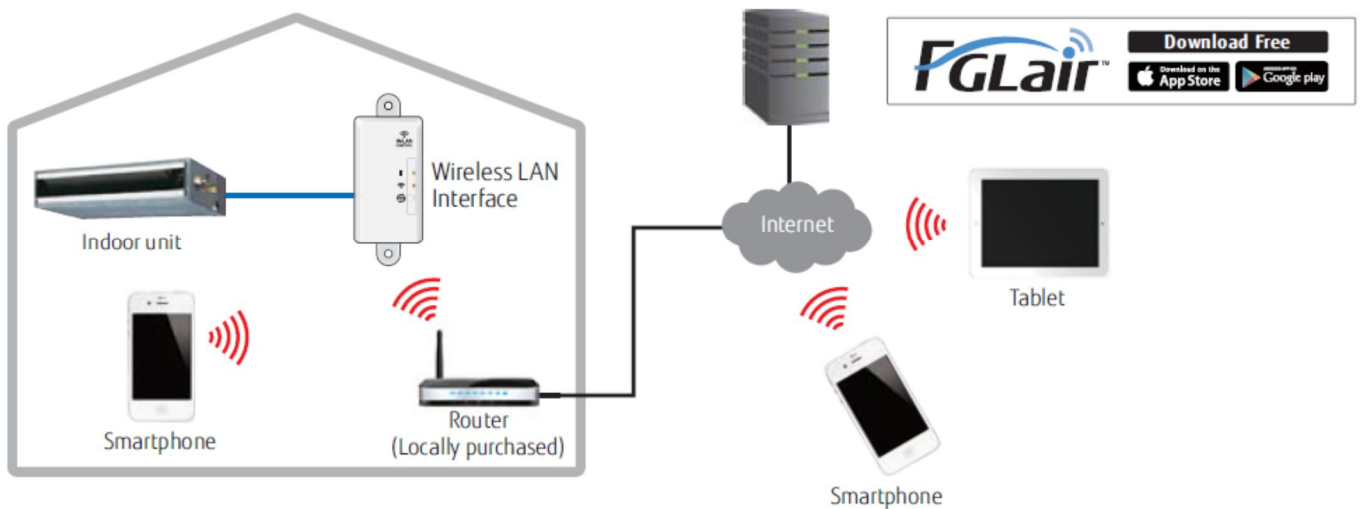


The above interface, links to the "[Nethome Plus](#)" App, which allows for multiple AC units to be controlled. Registration is required via the "App" Password and Secure login. Allows for checking the systems status, set scheduled timers, set "sleep timer", adjust all main functions, Mode, Temperature set point, Fan speed, Louvre position. Currently this "App" cannot be voice controlled via "Google Home or Amazon Echo Plus"

Model	Size ✓	USB Dongle 7511628	Application Nethome Plus	IntesiHome Universal IS-IR-WIFI-1	IntesisHome
<b>Stella High Wall</b>					
	All Sizes	✓	✓	✓ <sup>1</sup>	
<b>Mambo Console</b>					
	All Sizes	✗	✗	✓ <sup>1</sup>	✓ <sup>1</sup>
<b>Salsa Cassette</b>					
	All Sizes	✗	✗	✓ <sup>1</sup>	✓ <sup>1</sup>
<b>Twist Duct</b>					
	All Sizes	✗	✗	✓ <sup>1</sup>	✓ <sup>1</sup>
Notes: <sup>1</sup> Can only be utilised with infra-red remote-control, supplied as standard.					



## FUJITSU Options.



The UTY-TSF-XF2 interface is for single split models. The interface is fitted **inside** the respective indoor unit, electrical connections are also located within the indoor unit, the interface will facilitate control of ONE unit.

The UTY-TFNXZ1 the interface is installed **outside** of the respective indoor unit, an electrical connection is located on the indoor unit, the interface will facilitate control of ONE unit.

The UTY-TFSXW1 the interface is installed **outside** of the respective indoor unit, an electrical connection is located on the indoor unit, the interface will facilitate control of ONE unit.

Dependant on the indoor unit model, additional interfaces and/or connection kits maybe required, please refer to the chart below for compatibility and requirements.

The above interfaces link to the Fujitsu **"FGLair" App**, which allows for 1 user to control up to 24 AC units, 1 AC unit can be controlled by 1user. Registration is required via the "App" Password and Secure login.

Allows for checking the systems status, set scheduled timers, adjust all main functions, Mode, Temperature set point, Fan speed, Louvre position, receive email notification of errors.

This "App" is currently **NOT** compatible with "Google Home or Amazon Echo Plus"

The FJ-IR-WIFI1 interface, is installed outside of the indoor unit in direct line of sight with the infra-red remote receiver, located in the indoor unit, the interface will facilitate control of ONE AC (With Infra-Red remote control) indoor unit, or group of units (Max 16). The interface is of the "Learning" style which "mirrors" the supplied infra-red remote controllers functions. This interface will **NOT** work with indoor units using a hard-wired remote controller.

The FJ-RC-WIFI2 interface, is installed outside of the indoor unit and is hard wired to the terminals located at the respective indoor unit, this interface can only be used alongside a Fujitsu **3 Wire** hard-wired local remote controller. The interface will facilitate control of a single unit or a group of units, (Max 16), indoor unit.

The FJ-RC-WIFI1 interface, is installed outside of the indoor unit and is hard wired to the terminals located at the respective indoor unit, this interface can only be used alongside a Fujitsu **2 Wire** hard-wired local remote controller. The interface will facilitate control of a single unit or a group of units, (Max 16), indoor unit.

**The above wireless adaptors are compatible with routers, that are compatible with the IEEE802.11b/g/n wireless communication standard. 2.4GHz band ONLY**



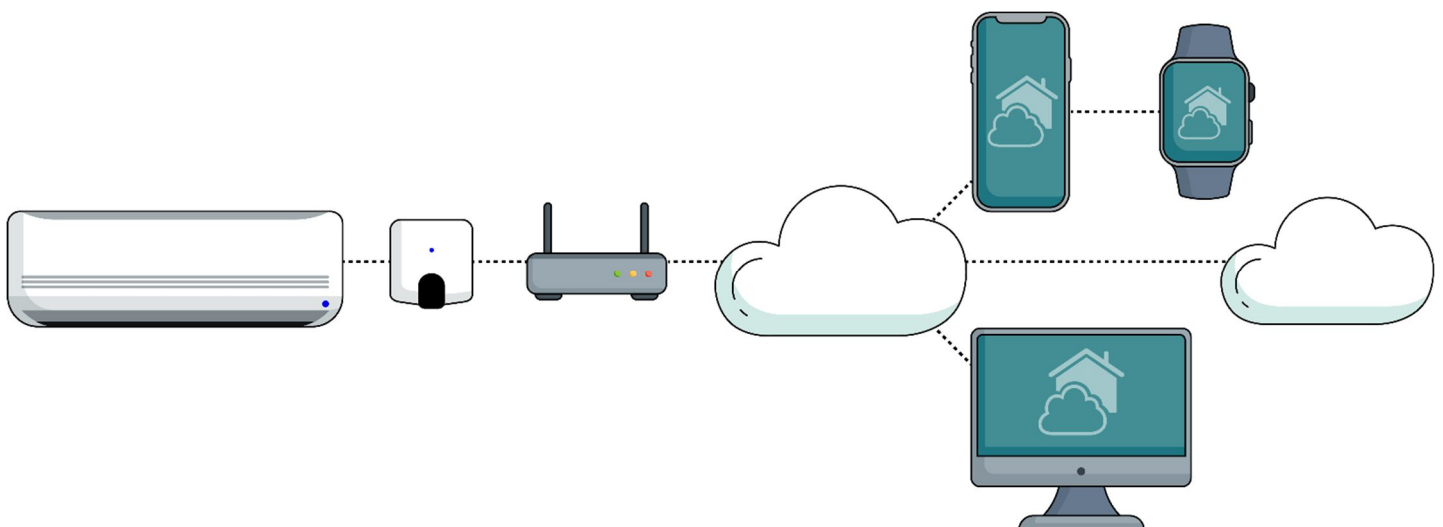
Fujitsu "FLGair" App (Screenshots)



IntesisHome



IntesisHome (Windows)





Model	Size	Fujitsu Solution										Intesis		
		Interface										" App "	Interface	" App "
		UTYFSXW1	UTYFSXF2	UTYFSXZ1	UTYTFNXZ1	UTYTWBXF	UTYXCBXZ2	9705932012	UTYXWNX		3-Wire Remote Controller	FGLair	FJ-IR-WIFI1	FJ-RC-WIFI1
<b>High Wall</b>														
ASYG##KG##	07/09/12/14	✓										✓	✓	✓
ASYG##KM##	07/09/12/14	✓										✓	✓	✓
ASYG##KE##	07/09/12/14		✓									✓	✓	✓
ASYG##KM##	18/24/30/36		✓									✓	✓	✓
ASYG##KP##	09/12		✓									✓	✓	✓
ASY##LT##	09/12				✓	✓		✓				✓	✓	✓
ASYG##LU##	07/09/12/14				✓	✓		✓				✓	✓	✓
ASYG##LU##	07/09/12/14				✓	✓		✓				✓	✓	✓
ASYG##LM##	07/09/12/14				✓	✓		✓				✓	✓	✓
ASYG##LM##	07/09/12/14					✓	✓					✓	✓	✓
ASYG##LF##	18/24				✓	✓		✓				✓	✓	✓
ASYG##LM##	30/36			✓								✓	✓	✓
ASYG##LM##	30/36						✓					✓	✓	✓
<b>Cassette</b>														
AUXG##KV##	09/12/14/18/22/24			✓								✓	✓	✓
AUXG##KR##	18/22/24/30/36/45/54			✓								✓	✓	✓
AUYG##LV##	07/09/12/14/18/24				✓							✓	✓	✓
AUYG##LV##	07/09/12/14/18/24												✓	✓
AUXG##LR##	18/24/30/36/45/54				✓							✓	✓	✓
AUXG##LR##	18/24/30/36/45/54									✓		✓	✓	✓
AUYG##LR##	30/36/45/54				✓							✓	✓	✓
AUYG##LR##	30/36/45/54												✓	✓
<b>Duct</b>														
ARXG##KS##	07/09/12/14/18			✓								✓	✓	✓
ARXG##KL##	07/09/12/14/18			✓								✓	✓	✓
ARXG##KH##	12/14/18/22/24/30/36/45/54			✓								✓	✓	✓
ARXG##KM##	22/24/30/36/45			✓								✓	✓	✓
ARXG##KH##	45/54			✓								✓	✓	✓
ARYG##LS##	07/09/12/14/18									✓			✓	✓
ARXG##LH##	12/14/18/24/30/36/45/54									✓			✓	✓
ARYG##LH##	72/90									✓			✓	✓
ARYG##LL##	07/09/12/14/18												✓	✓
ARYG##LM##	24/30/36/45												✓	✓
ARYG##KH##	45/54/60												✓	✓
<b>Floor-Ceiling</b>														
ABYG##KR##	18/22/24/30/36/45/54			✓								✓	✓	✓
ABYG##LV##	14/18/24												✓	✓
ABYG##LR##	30/36/45/54												✓	✓
<b>Floor</b>														
AGYG##LV##	09/12/14							✓					✓	✓
✓ Infra-red version compatible with most AC units with an Infra-red remote controller														

\*Data to be confirmed by manufacturer\*

## NOTES

NOTES

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**Toshiba Air Conditioning**

**24/7 technical support**

**0870 843 0333 (Option 7)**

**Text back service**

**07624 803 017**

**(Type fault code in lower case no spaces)**



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