

# CL3000i

# Climate3000i



## **CL3000i – Best value for money**

CL3000i will replace our actual main runner type RAC5000. With diverse features, some of them even difficult to find in models of higher price level in market today this unit is the best value product for money.

On top of that, with new exclusive and exceptional Bosch design for ODU and IDU, new CL3000i will totally differentiate from other products in the market.

# Climate3000i



**New Bosch Solution for Connectivity**

Gateway, Server, APP

- Exclusive Bosch design
- Four different IDU sizes for 4x output capacity
- 2,6 – 3,5 – 5,3 – 7,0 kW versions
- Eurovent certified



## Key Spec Data & Features for 3,5 kW Version IDU

- Wi-Fi with Bosch gateway as accessory
- Sound pressure level down to 22 dB(A)
- ECO mode
- Gear
- Wind avoid me (Indirect breeze)



**Best Price/Value Ratio**

- Exclusive Bosch design with black grill and silver ring
- White housing color
- Three different ODU size for 4x output capacity

## Key Spec Data & Features for 3,5 kW Version ODU

- SEER / SCOP: A++ / A+ (Average Climate)
- Cooling up to +50°C outside temperature
- Low T cooling at temperatures down to -15°C
- Heating at outdoor temperatures down to -15°C
- Corrosion resistant Golden Fins
- Maximum sound power level of 62 dB(A)
- Maximum refrigerant pipe length (H/V) 25/10 m

# Climate3000i

## Technical Specification

Product type - Indoor Unit			CL3000iU W 26 E	CL3000iU W 35 E	CL3000iU W 53 E	CL3000iU W 70 E
Product type - Outdoor Unit			CL3000i 26 E	CL3000i 35 E	CL3000i 53 E	CL3000i 70 E
Power supply		Ph-V-Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz
Rated Cooling	Capacity	Btu/h	9000 (3500-11000)	12000 (4700-14700)	18000(7200-20130)	24000(11570-28000)
Cooling Power input		W	733 (80~1100)	1096 (120~1650)	1550(420~2050)	2402(560~3200)
Cooling Current		A	3.18 (0.35~4.78)	4.76 (0.5~7.2)	6.7(1.8~9)	10.5(2.4~13.9)
Rated Heating	Capacity	Btu/h	10000 (2800~11500)	13000 (3650~14950)	19000(5300~19960)	25000(10580-28000)
Heating Power input		W	771 (70~990)	1027 (110~1480)	1750(300~2000)	2130(780~3100)
Heating Current		A	3.35 (0.32~4.32)	4.46 (0.5~6.4)	7.6(1.3~8.7)	9.3(3.4~13.5)
Seasonal Cooling	Pdesignnc	kW	2.8	3.6	5,3	7,0
	SEER	W/W	7,4	7,0	7,0	6,4
Heating(Average )	Energy Efficiency Class		A++	A++	A++	A++
	Pdesignnh	kW	2,5	2,5	4,2	4,9
Heating(Warmer )	SCOP	W/W	4,1	4,2	4,0	4,0
	Energy Efficiency Class		A+	A+	A+	A+
Heating(Warmer )	Tbiv	°C	-7	-7	-7	-7
	Pdesignnh	kW	2,5	2,5	4,5	5,3
Heating(Warmer )	SCOP	W/W	5,2	5,5	5,1	5,1
	Energy Efficiency Class		A+++	A+++	A+++	A+++
Indoor air flow (Hi/Mi/Lo)	Tbiv	°C	2	2	2,0	2
		m3/h	520/460/330	530/400/350	800/600/500	1090/770/610
Indoor noise level (Hi/Mi/Lo/Si)		dB(A)	37/32/22/20	37/32/22/21	41/37/31/20	46/37/34.5/21
Indoor sound power level		dB(A)	54,0	56,0	56	62
Indoor unit	Dimension(W*D*H)	mm	729x200x292	802x200x295	971x228x321	1082x234x337
	Packing (W*D*H)	mm	790x270x375	875x285x380	1045x305x405	1155*315*415
	Net/Gross weight	Kg	8/10.5	8.7/11.5	11.2/14.6	13.6/17.3
Outdoor air flow		m3/h	1850	1850	2100	3500
Outdoor sound pressure level		dB(A)	55,5	55	57	60
Outdoor sound power level		dB(A)	62	63	65	67
Outdoor unit	Dimension(W*D*H)	mm	720x270x495	720x270x495	805x330x554	890x342x673
	Packing (W*D*H)	mm	835x300x540	835x300x540	915x370x615	995x398x740
	Net/Gross weight	Kg	23.5/25.4	23.7/25.5	33.5/36.1	43.9/46.9
Refrigerant	Type		R32	R32	R32	R32
	GWP		675	675	675	675
Design pressure	Charged quantity	Kg	0,6	0,65	1,1	1,45
		MPa	4.3/1.7	4.3/1.7	4.3/1.7	4.3/1.7
Refrigerant piping	Liquid side/ Gas side	mm(inch)	6.35mm(1/4in)/9.52mm(3/8in)	6.35mm(1/4in)/9.52mm(3/8in)	Φ6.35/Φ12.7(1/4"/1/2")	Φ9.52/Φ15.9(3/8"/5/8")
	Max. refrigerant pipe length	m	25	25	30	50
	Max. difference in level	m	10	10	20	25
Room temperature	Indoor(cooling/ heating)	°C	17~32/0~30	17~32/0~30	17~32/0~30	17~32/0~30
	Outdoor(cooling/heating)	°C	-15~50/-15~24	-15~50/-15~24	-15~50/-15~24	-15~50/-15~24

# Climate3000i

## Features

### USER FRIENDLINESS

#### User Interface

Digital Display

Timer (24h)

Auto restart

Indoor room T display

\*Wired controller (Accessory)

#### Serviceability

Self diagnosis function

Refrigerant leak detect

i Remote

\*Alarm (Accessory)

#### Connectivity

\*Wi-Fi gateway (Accessory)

### COMFORT

#### Sound Comfort

Sleep mode

Mute mode

Fan (H/M/L/Auto)

Stepless fan speed control

Silent Mode

#### Air Flow Comfort

Louver Swing (up - down)

Louvre position memory

Wind Avoid me (Indirect Breeze)

Follow me via remote

#### Air Quality /Health

Cooling/Heating/Dry /Fan/Auto Modes

Turbo mode

High density filter

Cold catalyst filter

Temperature compensation

Intelligent anti cold air

Low ambient cooling

8°C Frost Protection

i Clean

#### Reliability

Defrost

Outdoor unit de-dusting

Golden fin

#### Energy Consumption

1W standby

Gear

ECO

# Climate3000i

## Features- Comfort

### Silent Mode



Indoor fan will run at super breeze which keeps indoor noise as low as 20dB(A)

### Wind Avoid Me (Indirect Breeze)



Avoid wind blowing directly on you by using the remote to adjust the wind direction towards ceiling

### Follow me via Remote



Temperature in the room is measured wherever you place the remote control, not from indoor unit which is close the ceiling and away from people

# Climate3000i

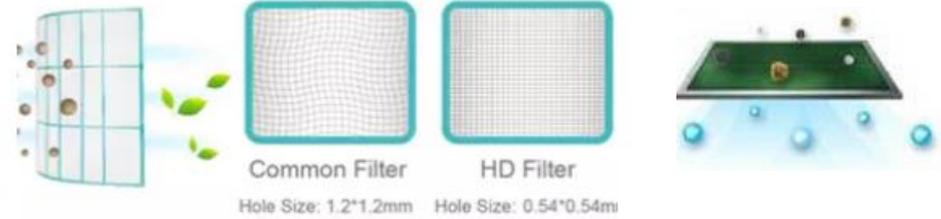
## Features- Air Quality /Health

### Cold Catalyst / Bio Filter



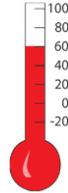
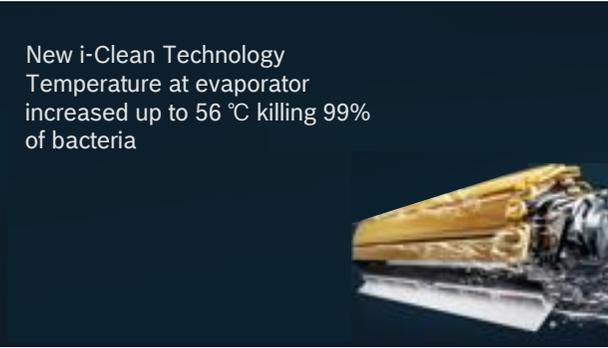
**Cold Catalyst Filter**  
Eliminate formaldehyde and other volatile organic compounds (VOCs) as well as harmful gases and odors.

### High density filter



Compared with ordinary dust filter, the anti-dust effect of this high density filter can increase more than 50%, it can clean dust, pollen up to 80%

### I-Clean

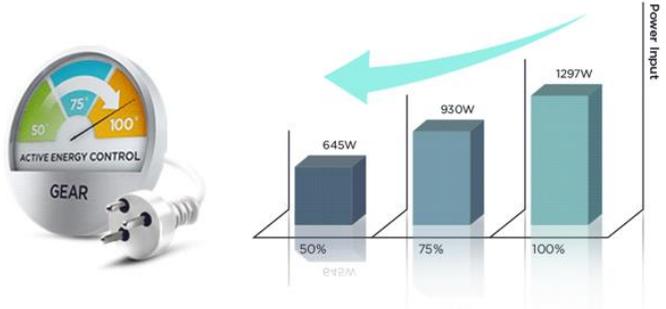


New feature

# Climate3000i

## Features- Energy Consumption

### Gear Change



Offer three operating power options: 50%, 75%, and 100%. You can choose a lower power input level to conserve energy.

### ECO Mode

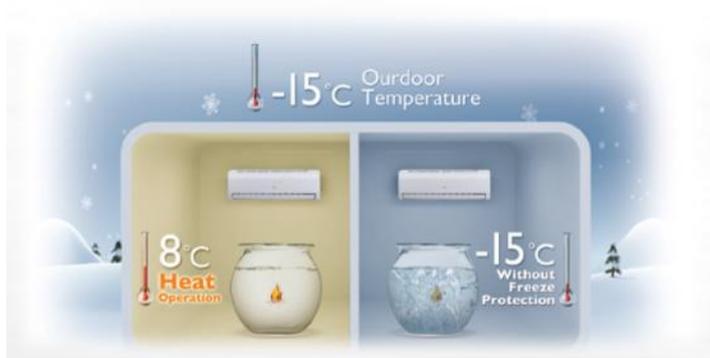


By pressing Eco Mode button, you can maintain in average 20% energy saving

# Climate3000i

## Features- While You are Away

### 8°C Frost Protection



Keep the room temperature above 8°C and prevents freezing when the house is not occupied during winter.

# Climate3000i

## Features- Via New IRC

Pos.	Key	Function
1		Switch on/off
	<b>Mode</b>	Set operating mode
		Eco operation mode
2	<b>SET</b>	Select advanced operating functions
	<b>OK</b>	Confirm choice
		Setting timer
		Increase temperature
		Reduce temperature
3		Fan speed
	<b>Swing</b>	Set swing function
	<b>Fresh</b>	Fresh air function
	<b>Turbo</b>	Turbo cool/Turbo heat
	<b>LED</b>	Switch display of indoor unit on/off
	<b>Clean</b>	Self-cleaning

- = Sleep mode function
- = Follow me function
- = Wireless control function

This function reduces the noises emitted by the outdoor unit when it is in operation. This is particularly advantageous at night, if you need to show consideration for your neighbours.

- ▶ During operation, press the key for 2 seconds.

Exiting the function:

- ▶ Press the key again for 2 seconds.

### Automatic horizontal swing mode

- ▶ Press the **Swing** key until the symbol appears.
- ▶ To cancel the automatic horizontal Swing mode: press the **Swing** key again.

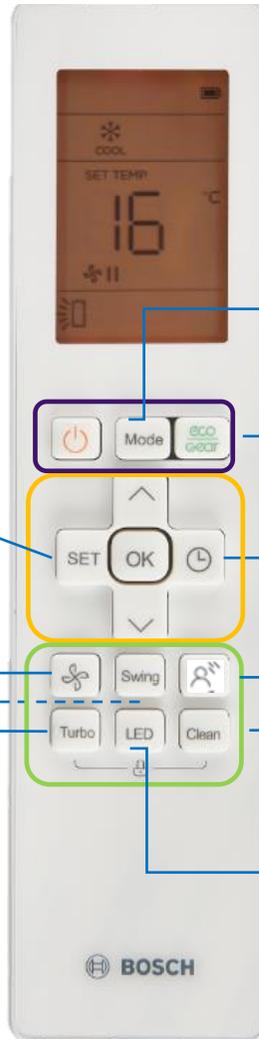
### Automatic vertical swing mode

- ▶ Press the **Swing** key for longer than 2 seconds to activate the automatic vertical Swing mode.
- The remote control displays the symbol .
- ▶ To cancel the automatic vertical Swing mode: press the **Swing** key again.

### 3.6.5 Turbo cool/Turbo heat

When Turbo cool/Turbo heat is active, the indoor unit operates at maximum power to heat or cool the room quickly.

- ▶ Turbo cool: switch on Cooling mode and press the **Turbo** key.
- ▶ Turbo heat: switch on heating mode and press the **Turbo** key.



	Operating mode: automatic mode
	Operating mode: cooling mode
	Operating mode: dehumidification mode
	Operating mode: heating mode
	Operating mode: fan mode

- **ECO<sup>1)</sup>**: operation with fan speed **AUTO** and set temperature of at least 24 °C
- **GEAR (75%)**: reduce power consumption by 25 %
- **GEAR (50%)**: reduce power consumption by 50 %
- None of the above symbols: normal operation
- ▶ To activate an energy saving function, press key until the required function is displayed.

### Setting the on timer

- ▶ Press the key until the symbol appears.
- ▶ Press the or key to set the desired time. The setting is applied shortly afterwards.

### Setting the off timer

- ▶ Press the key until the symbol appears.
- ▶ Press the or key to set the desired time. The setting is applied shortly afterwards.

= Indirect airflow function

To activate the self-cleaning: press the **Clean** key. **CL** appears on the display of the indoor unit when self-cleaning is in progress. Self-cleaning ends automatically after 20 to 45 minutes.

To switch the display at the indoor unit on or off: press **LED** key. To display the current room temperature, press the **LED** key and hold for 5 seconds. To display the set temperature: press and hold the **LED** key for another 5 seconds.

### 3.6.7 Frost protection

The frost protection can be activated to keep the room temperature at a minimum of 8 °C.

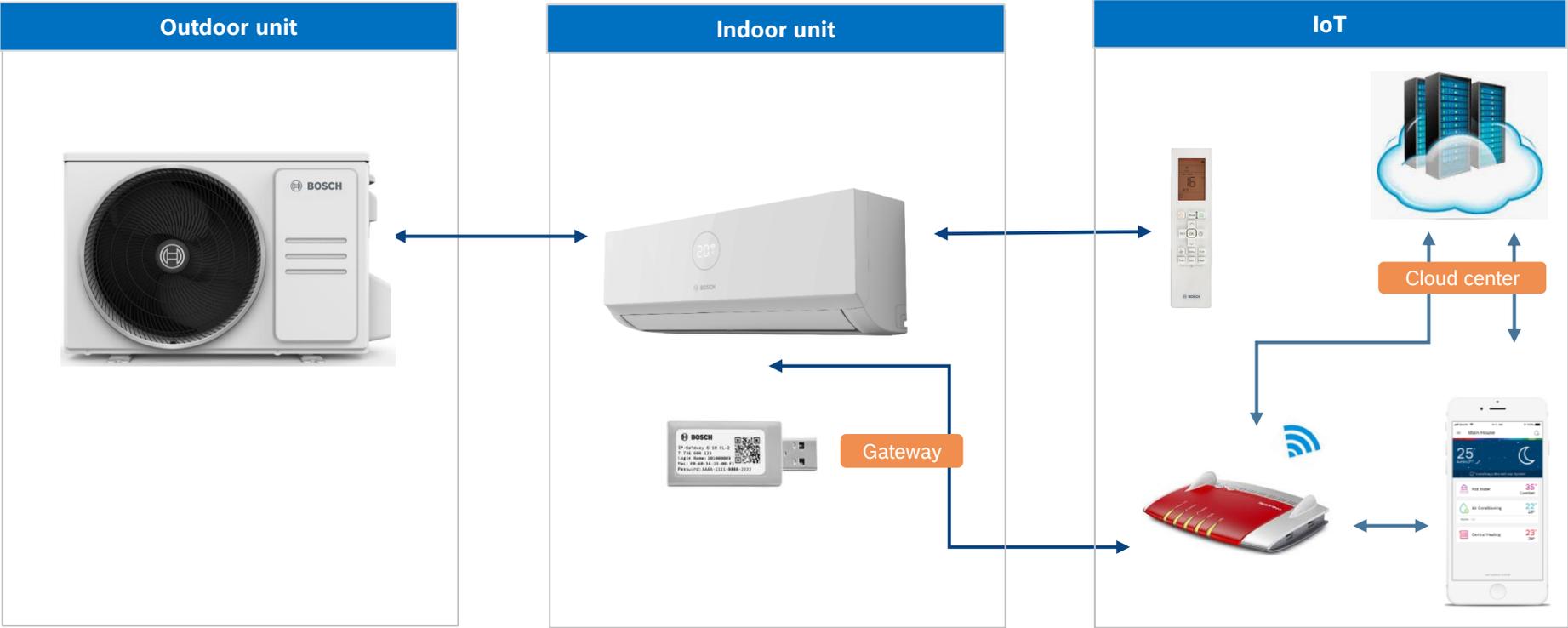
- ▶ In heating mode, press the key 2x within 1 second. The unit remains off until the temperature falls below 8 °C.

Exiting the function:

- ▶ Press the key, **Mode** key, **Turbo** key or **Clean** key.

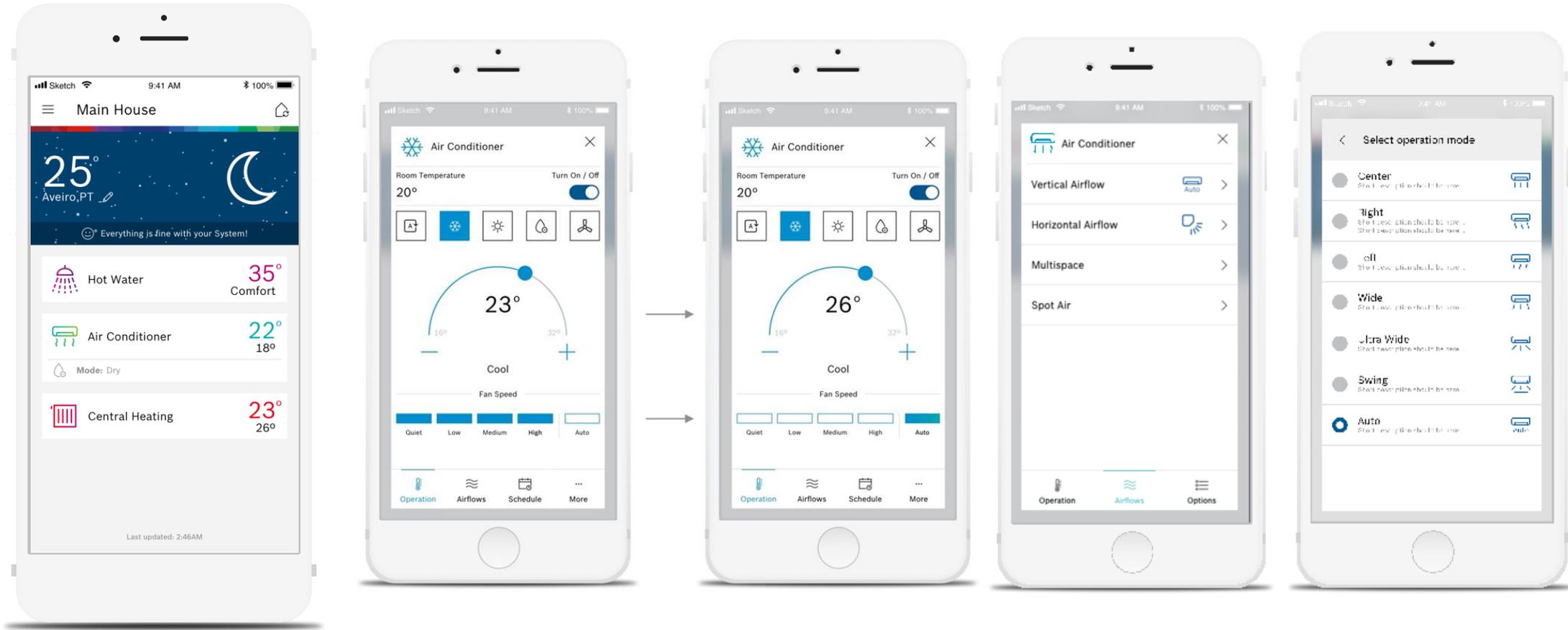
# Climate3000i

## The future is connected



# Climate3000i

## The future is connected – APP Functions



# Climate3000i Visual design

