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ADVANCED PRODUCT NEWS	SUBJECT Launching of new “air365 Max(Pro)” Top Flow VRF Outdoor Units Series	DATE: JAN’23 PAGE: 1 / 26
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Summary

1. This advanced products news is introducing the new “air365 Max (Pro)” Top Flow VRF outdoor units series

2. The details are indicated in the description.

General Index

1. Applicable models and date of sales	3
1.1 New models	3
1.2 Discontinued models	4
1.3 Cabinet appearance	7
1.4 Unit nomenclature	7
2. Combination of base units	8
3. Unit specifications	11
4. Features	12
4.1 New technology	12
4.2 Changeover (cooling or heating)	12
4.3 Smooth Drive 2.0 control system	13
4.4 FrostWash	14
4.5 Seamless comfort for end users	15
4.6 NFC functionality	18



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ADVANCED PRODUCT NEWS	SUBJECT Launching of new “air365 Max(Pro)” Top Flow VRF Outdoor Units Series	DATE: JAN’23
		PAGE: 2 / 26

5. CH-Box 23

5.1 Classification of the CH-Box 23

5.2 Product line-up 24

6. Indoor unit installation 25

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ADVANCED PRODUCT NEWS	SUBJECT Launching of new “air365 Max(Pro)” Top Flow VRF Outdoor Units Series	DATE: JAN’23
		PAGE: 3 / 26

Applicable models and date of sales

1.1 New models

air365 Max (Pro) ❄️☀️						
Type	Model	Power supply	Model code	Cabinet size	Picture	Start of production (*)
air365 Max Heat Recovery (3 pipes system) Heat Pump (2 pipes system)	RAS-8FSXNS2E	3N~ 400V 50Hz	7E335010	S		FY23 Q3
	RAS-10FSXNS2E		7E335011			
	RAS-12FSXNS2E		7E335012			
	RAS-14FSXNS2E		7E335030	M		
	RAS-16FSXNS2E		7E335031			
	RAS-18FSXNS2E		7E335032			
	RAS-20FSXNS2E		7E335039	L		
	RAS-22FSXNS2E		7E335051			
	RAS-24FSXNS2E		7E335040			
air365 Max Pro Heat Recovery (3 pipes system) Heat Pump (2 pipes system)	RAS-5FSXNP2E	3N~ 400V 50Hz	7E335108	S		FY23 Q3
	RAS-6FSXNP2E		7E335109			
	RAS-8FSXNP2E		7E335110			
	RAS-10FSXNP2E		7E335111	M		
	RAS-12FSXNP2E		7E335112			
	RAS-14FSXNP2E		7E335130			
	RAS-16FSXNP2E		7E335131	L		
	RAS-18FSXNP2E		7E335132			

(*) After consuming stocks of discontinued models.

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ADVANCED PRODUCT NEWS	SUBJECT Launching of new “air365 Max(Pro)” Top Flow VRF Outdoor Units Series	DATE: JAN’23
		PAGE: 4 / 26

1.2 Discontinued models

SET FREE SIGMA

Type	Model	Power supply	Model code	End of production(**)
Standard Heat Recovery (3 pipes system) Heat Pump (2 pipes system)	RAS-8FSXNSE	3N~ 400V 50Hz	7E334210	June’23
	RAS-10FSXNSE		7E334211	
	RAS-12FSXNSE		7E334212	
	RAS-14FSXNSE		7E334230	June’23
	RAS-16FSXNSE		7E334231	
	RAS-18FSXNSE		7E334232	
	RAS-20FSXNSE		7E334239	
	RAS-22FSXNSE		7E334251	June’23
High Efficiency Heat Recovery (3 pipes system) Heat Pump (2 pipes system)	RAS-24FSXNSE	3N~ 400V 50Hz	7E334240	
	RAS-5FSXNPE		7E334308	June’23
	RAS-6FSXNPE		7E334309	
	RAS-8FSXNPE		7E334310	
	RAS-10FSXNPE		7E334311	June’23
	RAS-12FSXNPE		7E334312	
	RAS-14FSXNPE		7E334330	
	RAS-16FSXNPE		7E334331	
	RAS-18FSXNPE		7E334332	June’23

(**) Depending on the availability of stocks.

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ADVANCED PRODUCT NEWS	SUBJECT Launching of new “air365 Max(Pro)” Top Flow VRF Outdoor Units Series	DATE: JAN’23
		PAGE: 5 / 26

SET FREE SIGMA (EUR1)

Type	Model	Power supply	Model code	End of production (**)
Standard Heat Pump (2 pipes system)	RAS-8FSNSE1	3N~ 400V 50Hz	7E334410	
	RAS-10FSNSE1		7E334411	
	RAS-12FSNSE1		7E334412	
	RAS-14FSNSE1		7E334430	
	RAS-16FSNSE1		7E334431	June’23
	RAS-18FSNSE1		7E334432	
	RAS-20FSNSE1		7E334439	
	RAS-22FSNSE1		7E334451	
	RAS-24FSNSE1		7E334440	
High Efficiency Heat Pump (2 pipes system)	RAS-5FSNPE1	3N~ 400V 50Hz	7E334508	June’23
	RAS-6FSNPE1		7E334509	
	RAS-8FSNPE1		7E334510	
	RAS-10FSNPE1		7E334511	June’23
	RAS-12FSNPE1		7E334512	
	RAS-14FSNPE1		7E334530	
	RAS-16FSNPE1		7E334531	
	RAS-18FSNPE1		7E334532	June’23

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ADVANCED PRODUCT NEWS	SUBJECT Launching of new “air365 Max(Pro)” Top Flow VRF Outdoor Units Series	DATE: JAN’23
		PAGE: 6 / 26

Type	Model	Power supply	Model code	End of production (**)
Standard Heat Recovery (3 pipes system)	RAS-8FSXNSE1	3N~ 400V 50Hz	7E334610	June’23
	RAS-10FSXNSE1		7E334611	
	RAS-12FSXNSE1		7E334612	
	RAS-14FSXNSE1		7E334630	June’23
	RAS-16FSXNSE1		7E334631	
	RAS-18FSXNSE1		7E334632	
	RAS-20FSXNSE1		7E334639	June’23
	RAS-22FSXNSE1		7E334651	
	RAS-24FSXNSE1		7E334640	
High Efficiency Heat Recovery (3 pipes system)	RAS-5FSXNPE1	3N~ 400V 50Hz	7E334708	June’23
	RAS-6FSXNPE1		7E334709	
	RAS-8FSXNPE1		7E334710	
	RAS-10FSXNPE1		7E334711	June’23
	RAS-12FSXNPE1		7E334712	
	RAS-14FSXNPE1		7E334730	
	RAS-16FSXNPE1		7E334731	June’23
	RAS-18FSXNPE1		7E334732	

(**) Depending on the availability of stocks.

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ADVANCED PRODUCT NEWS	SUBJECT Launching of new “air365 Max(Pro)” Top Flow VRF Outdoor Units Series	DATE: JAN’23
		PAGE: 7 / 26

1.3 Cabinet appearance

Cabinet size	S	M	L
			
Air inlet grill	Non supplied	Non supplied	Non supplied
Top enclosed	✓	✓	✓

1.4 Unit nomenclature

Unit type: RAS								
Position-separating hyphen (fixed)								
System capacity (HP): air365 Max (8-96), air365 Max Pro (5-72)								
SET FREE series								
X: Heat Recovery system (3 pipes)								
Refrigerant type N: R410A								
S: air365 Max								
P: air365 Max Pro								
2: series								
Made in Europe								
RAS	-	X	FS	X	N	(X)	2	E

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ADVANCED PRODUCT NEWS	SUBJECT Launching of new “air365 Max(Pro)” Top Flow VRF Outdoor Units Series	DATE: JAN’23
		PAGE: 8 / 26



Combination of base units

◆ Base units

air365 Max

HP	8	10	12	14	16
Model	RAS-8FSXNS2E	RAS-10FSXNS2E	RAS-12FSXNS2E	RAS-14FSXNS2E	RAS-16FSXNS2E

HP	18	20	22	24
Model	RAS-18FSXNS2E	RAS-20FSXNS2E	RAS-22FSXNS2E	RAS-24FSXNS2E

air365 Max Pro

HP	5	6	8	10	12
Model	RAS-5FSXNP2E	RAS-6FSXNP2E	RAS-8FSXNP2E	RAS-10FSXNP2E	RAS-12FSXNP2E

HP	14	16	18
Model	RAS-14FSXNP2E	RAS-16FSXNP2E	RAS-18FSXNP2E

Build up capacity combination

	Base unit	Build up the total capacity Heat Recovery (3 pipes system)	Build up the total capacity Heat Pump (2 pipes system)
air365 Max	from 8 to 24 HP	from 8 to 54 HP	from 8 to 96 HP
air365 Max Pro	from 5 to 18 HP	from 5 to 54 HP	from 5 to 72 HP

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ADVANCED PRODUCT NEWS	SUBJECT Launching of new “air365 Max(Pro)” Top Flow VRF Outdoor Units Series	DATE: JAN’23
		PAGE: 9 / 26

◆ Combination of base units

air365 Max

HP	26	28	30	32	34	36
Model	RAS-26FSXNS2E	RAS-28FSXNS2E	RAS-30FSXNS2E	RAS-32FSXNS2E	RAS-34FSXNS2E	RAS-36FSXNS2E
Combination	RAS-14FSXNS2E	RAS-16FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E
	RAS-12FSXNS2E	RAS-12FSXNS2E	RAS-12FSXNS2E	RAS-14FSXNS2E	RAS-16FSXNS2E	RAS-18FSXNS2E
	-	-	-	-	-	-
	-	-	-	-	-	-
HP	38	40	42	44	46	48
Model	RAS-38FSXNS2E	RAS-40FSXNS2E	RAS-42FSXNS2E	RAS-44FSXNS2E	RAS-46FSXNS2E	RAS-48FSXNS2E
Combination	RAS-22FSXNS2E	RAS-22FSXNS2E	RAS-24FSXNS2E	RAS-22FSXNS2E	RAS-24FSXNS2E	RAS-24FSXNS2E
	RAS-16FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E	RAS-22FSXNS2E	RAS-22FSXNS2E	RAS-24FSXNS2E
	-	-	-	-	-	-
	-	-	-	-	-	-
HP	50	52	54	56	58	60
Model	RAS-50FSXNS2E	RAS-52FSXNS2E	RAS-54FSXNS2E	RAS-56FSXNS2E	RAS-58FSXNS2E	RAS-60FSXNS2E
Combination	RAS-18FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E	RAS-22FSXNS2E	RAS-22FSXNS2E	RAS-24FSXNS2E
	RAS-18FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E
	RAS-14FSXNS2E	RAS-16FSXNS2E	RAS-18FSXNS2E	RAS-16FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E
	-	-	-	-	-	-
HP	62	64	66	68	70	72
Model	RAS-62FSXNS2E	RAS-64FSXNS2E	RAS-66FSXNS2E	RAS-68FSXNS2E	RAS-70FSXNS2E	RAS-72FSXNS2E
Combination	RAS-22FSXNS2E	RAS-24FSXNS2E	RAS-24FSXNS2E	RAS-24FSXNS2E	RAS-24FSXNS2E	RAS-24FSXNS2E
	RAS-22FSXNS2E	RAS-22FSXNS2E	RAS-24FSXNS2E	RAS-22FSXNS2E	RAS-24FSXNS2E	RAS-24FSXNS2E
	RAS-18FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E	RAS-22FSXNS2E	RAS-22FSXNS2E	RAS-24FSXNS2E
	-	-	-	-	-	-
HP	74	76	78	80	82	84
Model	RAS-74FSXNS2E	RAS-76FSXNS2E	RAS-78FSXNS2E	RAS-80FSXNS2E	RAS-82FSXNS2E	RAS-84FSXNS2E
Combination	RAS-22FSXNS2E	RAS-22FSXNS2E	RAS-24FSXNS2E	RAS-22FSXNS2E	RAS-24FSXNS2E	RAS-24FSXNS2E
	RAS-18FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E	RAS-22FSXNS2E	RAS-22FSXNS2E	RAS-24FSXNS2E
	RAS-18FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E
	RAS-16FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E
HP	86	88	90	92	94	96
Model	RAS-86FSXNS2E	RAS-88FSXNS2E	RAS-90FSXNS2E	RAS-92FSXNS2E	RAS-94FSXNS2E	RAS-96FSXNS2E
Combination	RAS-24FSXNS2E	RAS-24FSXNS2E	RAS-24FSXNS2E	RAS-24FSXNS2E	RAS-24FSXNS2E	RAS-24FSXNS2E
	RAS-22FSXNS2E	RAS-24FSXNS2E	RAS-24FSXNS2E	RAS-24FSXNS2E	RAS-24FSXNS2E	RAS-24FSXNS2E
	RAS-22FSXNS2E	RAS-22FSXNS2E	RAS-24FSXNS2E	RAS-22FSXNS2E	RAS-24FSXNS2E	RAS-24FSXNS2E
	RAS-18FSXNS2E	RAS-18FSXNS2E	RAS-18FSXNS2E	RAS-22FSXNS2E	RAS-22FSXNS2E	RAS-24FSXNS2E

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ADVANCED PRODUCT NEWS	SUBJECT Launching of new “air365 Max(Pro)” Top Flow VRF Outdoor Units Series	DATE: JAN’23
		PAGE: 10 / 26

air365 Max Pro

HP	20	22	24	26	28	30
Model	RAS-20FSXNP2E	RAS-22FSXNP2E	RAS-24FSXNP2E	RAS-26FSXNP2E	RAS-28FSXNP2E	RAS-30FSXNP2E
Combination	RAS-10FSXNP2E	RAS-12FSXNP2E	RAS-12FSXNP2E	RAS-16FSXNP2E	RAS-16FSXNP2E	RAS-18FSXNP2E
	RAS-10FSXNP2E	RAS-10FSXNP2E	RAS-12FSXNP2E	RAS-10FSXNP2E	RAS-12FSXNP2E	RAS-12FSXNP2E
	-	-	-	-	-	-
	-	-	-	-	-	-
HP	32	34	36	38	40	42
Model	RAS-32FSXNP2E	RAS-34FSXNP2E	RAS-36FSXNP2E	RAS-38FSXNP2E	RAS-40FSXNP2E	RAS-42FSXNP2E
Combination	RAS-18FSXNP2E	RAS-18FSXNP2E	RAS-18FSXNP2E	RAS-14FSXNP2E	RAS-14FSXNP2E	RAS-14FSXNP2E
	RAS-14FSXNP2E	RAS-16FSXNP2E	RAS-18FSXNP2E	RAS-12FSXNP2E	RAS-14FSXNP2E	RAS-14FSXNP2E
	-	-	-	RAS-12FSXNP2E	RAS-12FSXNP2E	RAS-14FSXNP2E
	-	-	-	-	-	-
HP	44	46	48	50	52	54
Model	RAS-44FSXNP2E	RAS-46FSXNP2E	RAS-48FSXNP2E	RAS-50FSXNP2E	RAS-52FSXNP2E	RAS-54FSXNP2E
Combination	RAS-18FSXNP2E	RAS-18FSXNP2E	RAS-18FSXNP2E	RAS-18FSXNP2E	RAS-18FSXNP2E	RAS-18FSXNP2E
	RAS-14FSXNP2E	RAS-14FSXNP2E	RAS-16FSXNP2E	RAS-18FSXNP2E	RAS-18FSXNP2E	RAS-18FSXNP2E
	RAS-12FSXNP2E	RAS-14FSXNP2E	RAS-14FSXNP2E	RAS-14FSXNP2E	RAS-16FSXNP2E	RAS-18FSXNP2E
	-	-	-	-	-	-
HP	56	58	60	62	64	66
Model	RAS-56FSXNP2E	RAS-58FSXNP2E	RAS-60FSXNP2E	RAS-62FSXNP2E	RAS-64FSXNP2E	RAS-66FSXNP2E
Combination	RAS-18FSXNP2E	RAS-18FSXNP2E	RAS-16FSXNP2E	RAS-16FSXNP2E	RAS-16FSXNP2E	RAS-18FSXNP2E
	RAS-14FSXNP2E	RAS-14FSXNP2E	RAS-16FSXNP2E	RAS-16FSXNP2E	RAS-16FSXNP2E	RAS-16FSXNP2E
	RAS-12FSXNP2E	RAS-14FSXNP2E	RAS-14FSXNP2E	RAS-16FSXNP2E	RAS-16FSXNP2E	RAS-16FSXNP2E
	RAS-12FSXNP2E	RAS-12FSXNP2E	RAS-14FSXNP2E	RAS-14FSXNP2E	RAS-16FSXNP2E	RAS-16FSXNP2E
HP	68	70	72			
Model	RAS-68FSXNP2E	RAS-70FSXNP2E	RAS-72FSXNP2E			
Combination	RAS-18FSXNP2E	RAS-18FSXNP2E	RAS-18FSXNP2E			
	RAS-18FSXNP2E	RAS-18FSXNP2E	RAS-18FSXNP2E			
	RAS-16FSXNP2E	RAS-18FSXNP2E	RAS-18FSXNP2E			
	RAS-16FSXNP2E	RAS-16FSXNP2E	RAS-18FSXNP2E			

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ADVANCED PRODUCT NEWS	SUBJECT Launching of new “air365 Max(Pro)” Top Flow VRF Outdoor Units Series	DATE: JAN’23 PAGE: 11 / 26
-----------------------------	---	-------------------------------

Unit specifications

air365 Max

Items	HP	8	10	12	14	16	18	20	22	24
Appearance										
Dimension (H x W x D) (mm)		1755 x 950 x 765	1755 x 950 x 765	1755 x 950 x 765	1755 x 1210 x 765	1755 x 1210 x 765	1755 x 1210 x 765	1755 x 1600 x 765	1755 x 1600 x 765	1755 x 1600 x 765
Cooling Capacity (kW)		22.4	28.0	33.5	40.0	45.0	50.0	56.0	61.5	67.0
Heating Capacity (kW)		22.4	28.0	33.5	40.0	45.0	50.0	56.0	61.5	67.0
Weight (kg)		(197)	(203)	(217)	(271)	(272)	(282)	(350)	(350)	(350)

air365 Max Pro

Items	HP	5	6	8	10	12	14	16	18
Appearance									
Dimension (H x W x D) (mm)		1755 x 950 x 765	1755 x 950 x 765	1755 x 1210 x 765	1755 x 1210 x 765	1755 x 1210 x 765	1755 x 1210 x 765	1755 x 1600 x 765	1755 x 1600 x 765
Cooling Capacity (kW)		14	16	22.4	28.0	33.5	40.0	45.0	50.0
Heating Capacity (kW)		14	16	22.4	28.0	33.5	40.0	45.0	50.0
Weight (kg)		(197)	(197)	(267)	(267)	(269)	(271)	(350)	(350)

 NOTE

Values in brackets are preliminary data that can be changed in a later version.

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SUBJECT

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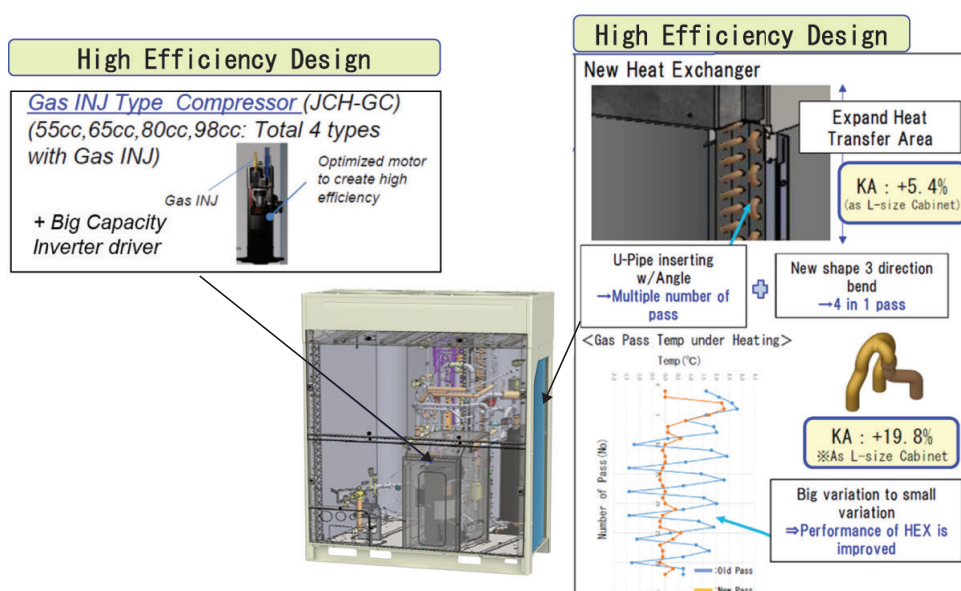
DATE: JAN'23

PAGE: 12 / 26

Features

4.1 New technology

The new compressor and the new heat exchanger have improved energy efficiency and support for high ambient operation.



The working range has been improved, being now wider and allowing outdoor ambient temperature up to 52°C for cooling and down to -25°C for heating.

4.2 Changeover (cooling or heating)

The changeover system is the logic that decides whether to activate the cooling mode or the heating mode, evaluating the condition of the indoor units and the temperature of the rooms, for 2 pipes application (as simultaneous cooling and heating is not available). With previous models, “First-in” logic was the only option, the air365 Max (Pro) allows three new settings in addition to improve the comfort for all applications:

- **First-in: Default setting**

From thermo-off, the first indoor unit entering in “Demand mode” (Thermo-On) will impose the system operation mode to cool or heat, which means all the other indoor unit will also be set to this operation mode.

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PRODUCT
NEWS**
SUBJECT

Launching of new “air365 Max(Pro)” Top Flow VRF Outdoor Units Series

DATE: JAN'23

PAGE: 13 / 26

- **Indoor majority vote: Most of the rooms to be comfortable**

Operation mode will be the one required by most of the IU. This option is the best such applications were we want to guarantee that most of the rooms are having comfortable temperature.

- **Total temperature difference: Comfort is more homogeneous all through the rooms**

It will be considered the gap between the target temperature and the real temperature of each IU. If the total is positive, the operation mode will be heating and if negative it will be cooling. This option is advisable for such applications were we want to avoid any of the rooms to be in a very discomfort situation caused by a big deviation from the Tset.

- **Priority unit: There is one room with key cooling or heating requirements**

Operation mode will be determined by the requirements of a specific indoor unit. This setting is advised for such applications were the temperature is critical for an specific room in the installation.

4.3 Smooth Drive 2.0 control system

In Smooth Drive 2.0, detailed room temperature information is added to the current Smooth Drive control, and further, smooth operation is achieved while reducing ON/OFF of the compressor during low load operation to save energy.

NOTE

For the Indoor units that are compatible with Smooth Drive 2.0 control (RCI-FSR1, RCIM-FSRE, RCD-FSR, RPC-FSR, RPI(L/H)-FSR1E and RPK-FSR(H)M), refer to the technical catalog of our products. If Indoor units that are not compatible with Smooth Drive 2.0 control are connected to the same refrigerant system, or if the temperature is controlled by the thermistor of a wired controller, the Smooth Drive 1.0 control is used.

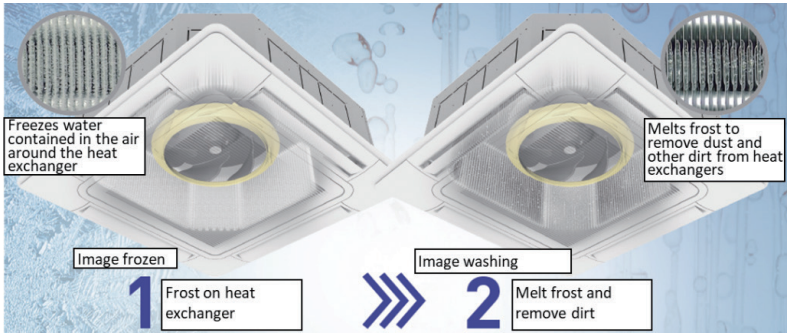
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ADVANCED PRODUCT NEWS	SUBJECT Launching of new “air365 Max(Pro)” Top Flow VRF Outdoor Units Series	DATE: JAN’23 PAGE: 14 / 26
-----------------------------	---	-------------------------------

4.4 FrostWash

FrostWash is a cleaning procedure available with the most recent indoor units. The concept is the following: the system generates frost on the heat exchanger of the indoor unit, then the frost is melt which is cleaning the heat exchanger, removing dust and dirt with drain water.

Regular cleaning* of the heat exchanger prevents clogging of the heat exchanger, suppresses air flow reduction, and contributes to maintaining a comfortable air environment. At the same time, keeping a clean exchanger also maintains the efficiency levels as from the first day.



** In order to use FrostWash function, the setting is required from both of the outdoor unit and new wired controller. This option is compatible with some indoor unit types. Please check the related technical documentation for further reference.*

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ADVANCED PRODUCT NEWS	SUBJECT Launching of new “air365 Max(Pro)” Top Flow VRF Outdoor Units Series	DATE: JAN’23
		PAGE: 15 / 26

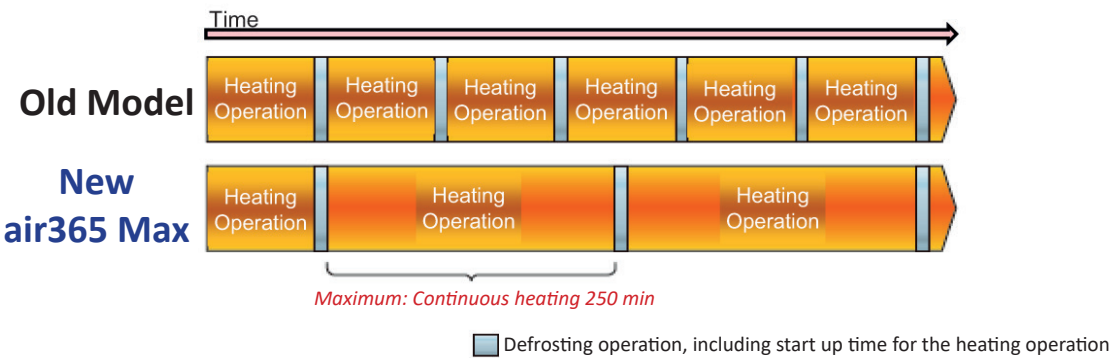
4.5 Seamless comfort for end users

◆ Smart defrost operation

What is frost formation amount detection function:

The formation of frost on the outdoor unit leads to an increase in the fan power consumption. The “Frost formation detection” function allows an accurate monitoring of this situation, optimizing and reducing the number of defrost cycles (defrost operations done only when this is strictly necessary).

Reducing number of defrosting times increases the comfort and the heating experience of end users.



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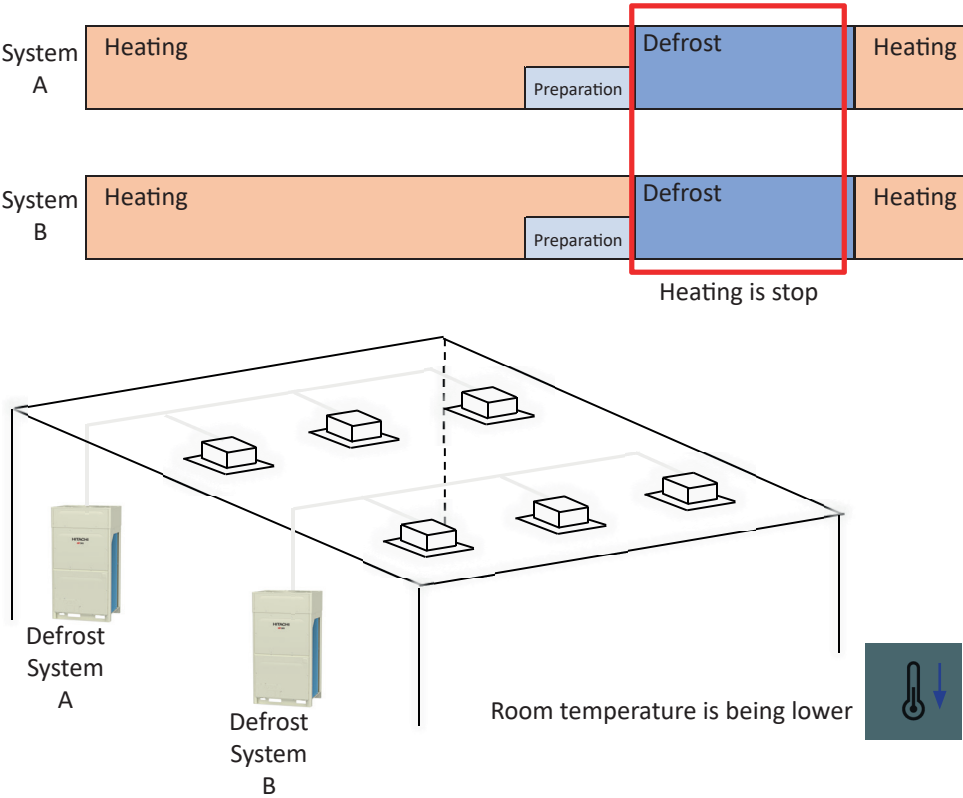
ADVANCED PRODUCT NEWS	SUBJECT Launching of new “air365 Max(Pro)” Top Flow VRF Outdoor Units Series	DATE: JAN’23 PAGE: 16 / 26
-----------------------------	---	-------------------------------

◆ Smart defrost with alternative operation in one H-LINK system

When there are different VRF systems connected on the same H-LINK communicating line (H-LINK II systems), systems can communicate with each other so that if system A is defrosting, system B is maintained in heating operation. Thanks to this intercommunication between the systems, defrost operations are optimized and alternated on the systems.

Without alternate defrosting

In this situation, it is shown how system A and system B perform the defrost sequence at the same time. Consequently, neither system is providing heat to the room. Although the objective is to simplify and reduce the operating time to provide heat again, the room temperature cannot be maintained and comfort is lost.

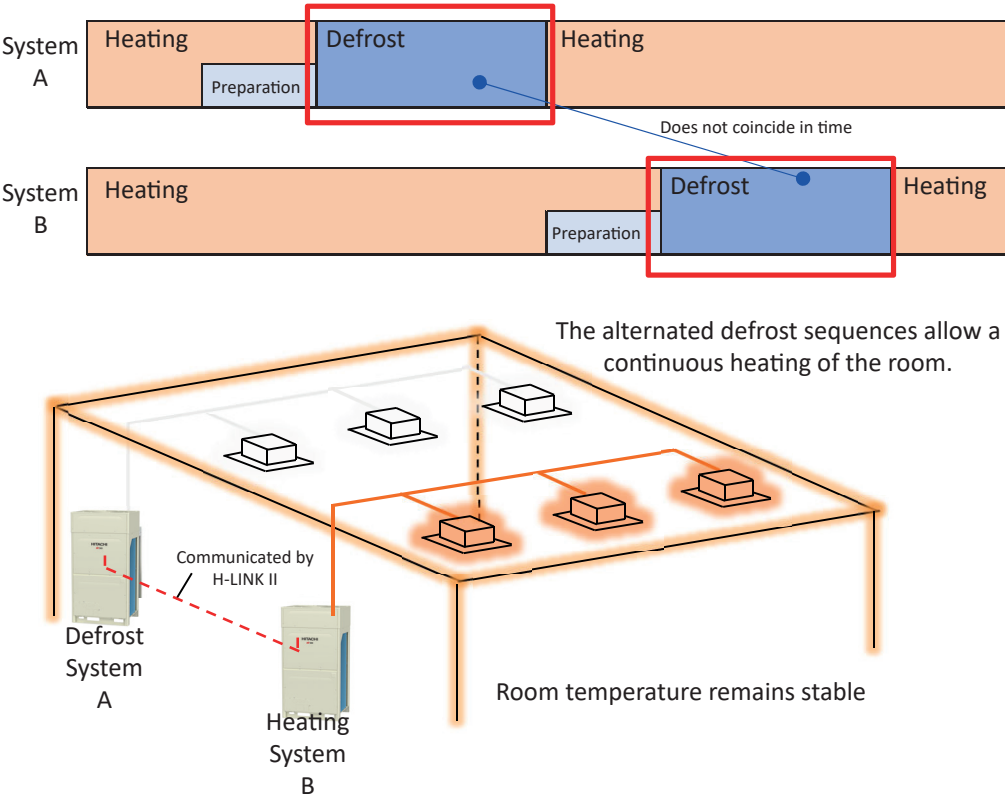


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NOTE ()			

ADVANCED PRODUCT NEWS	SUBJECT Launching of new “air365 Max(Pro)” Top Flow VRF Outdoor Units Series	DATE: JAN’23 PAGE: 17 / 26
-----------------------------	---	-------------------------------

With alternate defrosting

As the defrosting sequences are not done at the same time on the 2 systems, the room temperature is maintained, avoiding a loss of comfort.



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NOTE ()			

ADVANCED PRODUCT NEWS	SUBJECT Launching of new “air365 Max(Pro)” Top Flow VRF Outdoor Units Series	DATE: JAN’23 PAGE: 18 / 26
-----------------------------	---	-------------------------------

4.6 NFC functionality

The new “air365 Max (Pro)” outdoor unirs are equipped with the NFC functionality, allowing installers and service engineers to easily access to the system settings and optional parameters using the dedicated App, named airCloud Tap, that will be available upon launch of air365 units. This new feature of “air365 Max (Pro)” outdoor unit series is complementary to the NFC function available with the last wired remote controllers PC-ARFG2-E(B) and PC-ARC-E.

Outdoor Unit

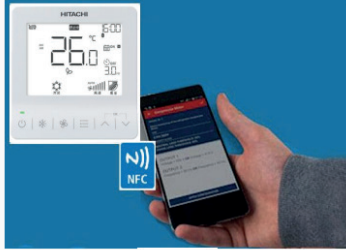




- Initial Setting & Configuration
- Fetch Unit Info. & Service

+

Wired Remote Controller





- Easy Commissioning thru Wireless Connection (NFC)

Allowed parameter setting through NFC contact	Installation	Simple inspection and Maintenance
IU parameters (*)	Refrigerant cycle and unit number setting	Simple operation data check
OU parameters	Function selection setting	Connection information check
Test run	External I/O setting	Failure cause check
Operation parameters read	Test run operation and data check	Pre-failure data check
		Alarm history check

(*) The new wired remote controller PC-ARFG2-E(B) or PC-ARC-E is required for the IU parameter setting by NFC function.

 NOTE

- airCloud Tap supports iPhone *1 (iPhone7 or later with iOS13 or later) and Android *2.
- The available functions vary by user role selected. There are restrictions on the functions, so please see airCloud Tap documentation.

*1 Apple and iPhone are trademarks of Apple Inc., registered in the United States and other countries and regions. iOS is a trademark or registered trademark of Cisco in the U.S. and other countries and is used under license.

*2 Android is a trademark or registered trademark of Google LLC.

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NOTE ()			

ADVANCED
PRODUCT
NEWS

SUBJECT

Launching of new “air365 Max(Pro)” Top Flow VRF Outdoor Units Series

DATE: JAN'23

PAGE: 19 / 26

1 Customize your airCloud Tap account based on your role

3 roles available:

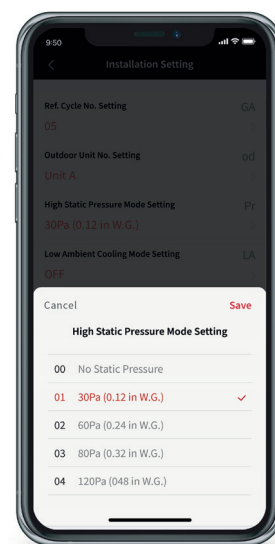
- Facility manager
- Installer
- Authorized service agent

2 Log the refrigerant charge (air365 Max (Pro))

When additional refrigerant charge is loaded at the system, you can save the date and charge amount into the OU memory, for future users visibility.

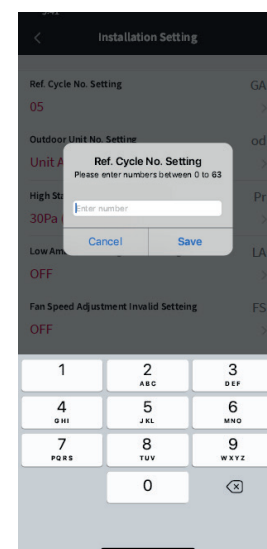
3 Set the Outdoor unit External Static Pressure (ESP)

Tap the outdoor unit to read the current ESP level and change it if necessary, selecting one of the available options.



4 Outdoor unit addressing for centralized controller

Set easily the address of the units, only need to enter the address with the mobile phone keyboard. In case addresses are duplicated, the app can detect this situation and warn the user.

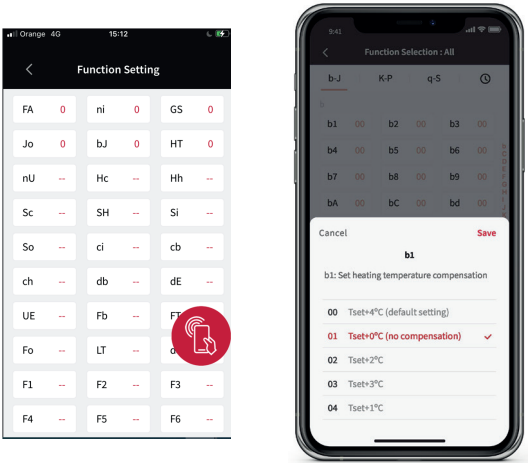


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ADVANCED PRODUCT NEWS	SUBJECT Launching of new “air365 Max(Pro)” Top Flow VRF Outdoor Units Series	DATE: JAN’23 PAGE: 20 / 26
-----------------------------	---	-------------------------------

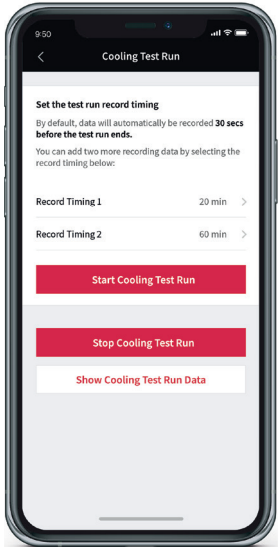
5 Customize optional parameters as per your site’s specific requirements

Over 190 optional settings can be used to customize the system operation and enhance performances. Setup a tailored comfort according to the specific requirements of the site, using your mobile phone and airCloud Tap, enjoying an easy navigation through clear and simple menus.



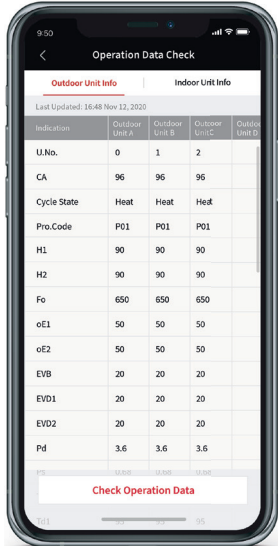
6 Process the test run

Tap the OU and start the test run. Once done, tap again the outdoor unit and get an immediate report with 60 data points. A report with the test run data can be extracted and shared.



7 Read operation data

In case of malfunction event, airCloud Tap proposes a simple yet complete overview of the system operations, helping the service team to determine the cause of error.



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ADVANCED
PRODUCT
NEWS

SUBJECT

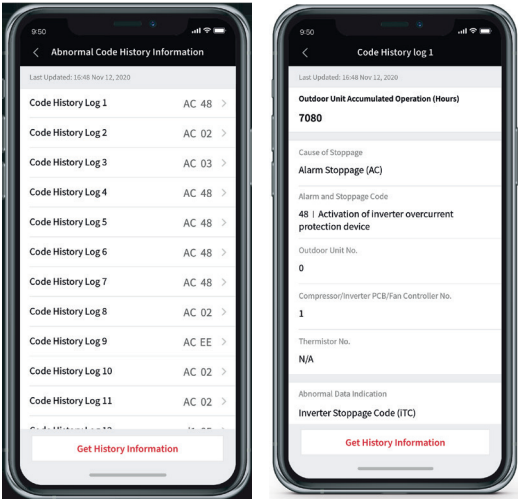
Launching of new “air365 Max(Pro)” Top Flow VRF Outdoor Units Series

DATE: JAN’23

PAGE: 21 / 26

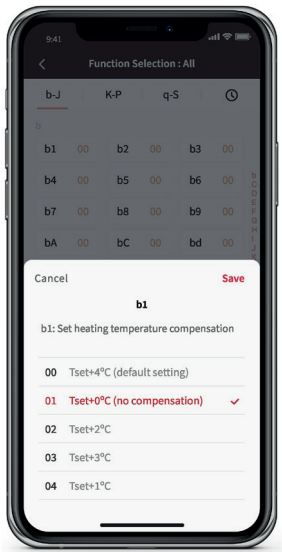
8 Review error history

airCloud Tap can easily display the complete list of alarms that occurred on the system, with details about each occurrence, such as the time and date of occurrence, related outdoor and indoor units, meaning of the error.



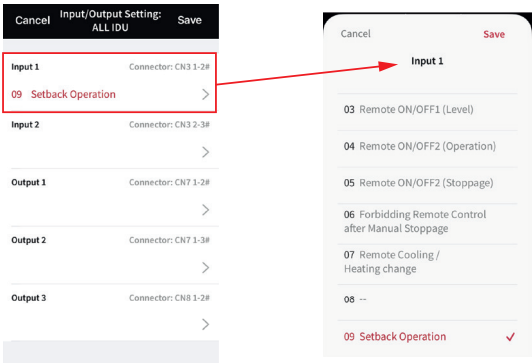
9 Optimize room temperature sensing

The various options are described inside the app so you can easily find your preferred room temperature sensor settings and apply them.



10 Select the input for setback operation

From the airCloud Tap app, the installer can see all the indoor units at the same time, and their inputs and outputs. In this way, the desired unit can be selected and the setback setting can be modified, without having to act on each remote control individually.



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SUBJECT

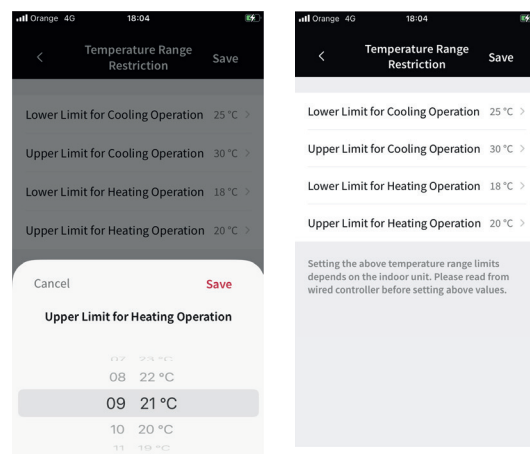
Launching of new “air365 Max(Pro)” Top Flow VRF Outdoor Units Series

DATE: JAN'23

PAGE: 22 / 26

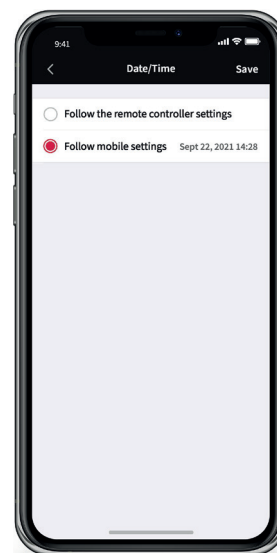
11 Set temperature restrictions

Visualize the complete description of the limitation options and easily set your desired one.



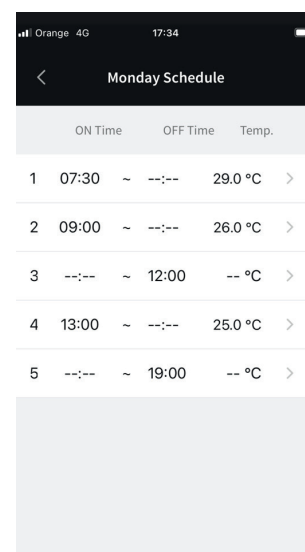
12 Set the date & time of the wired remote controller

Copy your mobile phone's current date & time to the controller with a tap.



13 Scheduling the weekly operation

Easily enter each day and arrange the slot in a glimpse. Tap the controller to enter the desired schedule.



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ADVANCED PRODUCT NEWS	SUBJECT Launching of new “air365 Max(Pro)” Top Flow VRF Outdoor Units Series	DATE: JAN’23
		PAGE: 23 / 26



CH-Box

5.1 Classification of the CH-Box

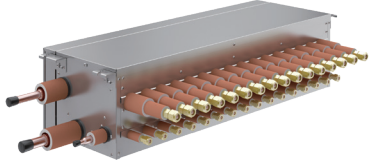
Unit Type CH: Cooling/Heating Changeover Box					
Position-separating hyphen (fixed)					
Refrigerant type AP: R410A					
Maximum Connectable Indoor Unit Capacity (HP) 160: 6.0HP 280: 6.1HP - 10.0HP					
Applicable System SSX: for Heat Recovery System (3 Pipes System)					
CH	-	AP	XXX	SSX	

Unit Type CH: Cooling/Heating Changeover Box					
Position-separating hyphen (fixed)					
Refrigerant type AP: R410A					
Maximum Connectable Indoor Unit Capacity (HP) 04: 4 branches; 08: 8 branches;12: 12 branches;16: 16 branches					
M : multiple					
Applicable System SSX: for Heat Recovery System (3 Pipes System)					
CH	-	AP	XXX	M	SSX

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ADVANCED PRODUCT NEWS	SUBJECT Launching of new “air365 Max(Pro)” Top Flow VRF Outdoor Units Series	DATE: JAN’23
		PAGE: 24 / 26

5.2 Product line-up

CH-Box ❄️☀️			
Single	CH-AP160SSX	60292158	
	CH-AP280SSX	60292159	
Multiple	4 Branch CH-AP04MSSX	60292160	
	8 Branch CH-AP08MSSX	60292161	
	12 Branch CH-AP12MSSX	60292162	
	16 Branch CH-AP16MSSX	60292163	

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ADVANCED
PRODUCT
NEWS

SUBJECT

Launching of new “air365 Max(Pro)” Top Flow VRF Outdoor Units Series

DATE: JAN'23

PAGE: 25 / 26

Indoor unit installation

Comply with these conditions during installation.

Indoor unit models		Compatibility with air365 Max and air365 Max Pro	Compatibility with PC-ARFG2-E(B)
RCI-FSR1 (*1)	NEW	Full compatibility	Full compatibility
RCIM-FSRE		Full compatibility	Full compatibility
RCD-FSR		Full compatibility	Full compatibility
RPC-FSR		Full compatibility	Full compatibility
RPI(L/H)-FSR1E (*1)	NEW	Full compatibility	Full compatibility
RPI-FSN3(P)E(-f)		Compatible with most functions	Compatible with most functions
RPK-FSR(H)M		Full compatibility	Compatible without FrostWash
RPF-FSN2E		Compatible with most functions	Compatible with most functions
RPFI-FSN2E		Compatible with most functions	Compatible with most functions
KPI-(E/X)4E		Compatible with most functions	Compatible with most functions
DX-Interface - EXV - E2		Compatible with most functions	Compatible with most functions
RW(L/H)T-VN(F)1E		Compatible with most functions	Compatible with most functions

NOTE

(*1) Previous series of IU is also compatible with most functions.

- New indoor units (RCI and RPI) product codes will be available shortly.
- The FrostWash function is only available in a 2 pipes system with indoor units which support this feature and PC-ARFG2-E(B) or later.
- For further information about compatible functions between series, an additional Technical Bulletin will be submitted coming up next.

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ADVANCED PRODUCT NEWS	SUBJECT Launching of new “air365 Max(Pro)” Top Flow VRF Outdoor Units Series	DATE: JAN’23
		PAGE: 26 / 26

Number of connectable indoor units

Outdoor unit capacity (HP)		5.0	6.0	8.0	10.0	12.0	14.0	16.0	18.0	20.0
Indoor unit minimum capacity at individual operation (HP)		0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Maximum number of connectable indoor units		16	19	26	32	39	45	52	58	64
Recommended number of connectable indoor units		5	5	8	10	10	16	16	16	18
Range of combination capacity (%)	air365 Max Pro	50-200	50-200	50-200	50-200	50-200	50-200	50-200	50-200	50-200
	air365 Max	50-130	50-130	50-130	50-130	50-130	50-130	50-130	50-130	50-130

Outdoor unit capacity (HP)		22.0	24.0	26.0	28.0	30.0	32.0	34.0	36.0	38.0 or larger
Indoor unit minimum capacity at individual operation (HP)		0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Maximum number of connectable indoor units		64	64	64	64	64	64	64	64	64
Recommended number of connectable indoor units		20	26	26	32	32	32	32	32	38
Range of combination capacity (%)	air365 Max Pro	50-200	50-200	50-200	50-200	50-200	50-200	50-200	50-200	50-200
	air365 Max	50-130	50-130	50-130	50-130	50-130	50-130	50-130	50-130	50-130

 NOTE

For air365 Max Pro, the range of combination capacity can be up to 200% when the system does not include any 0.4 or 0.6 HP Indoor units. In case the system includes 0.4 or 0.6 HP Indoor units, the range of combination capacity will be limited up to 150%.