

4-way Flow Compact Cassette (Standard type)

Models

- AUXB07GALH AUXB09GATH
- AUXB09GALH AUXB12GATH
- AUXB12GALH AUXB14GATH
- AUXB14GALH AUXB18GATH
- AUXB18GALH AUXB24GATH
- AUXB24GALH

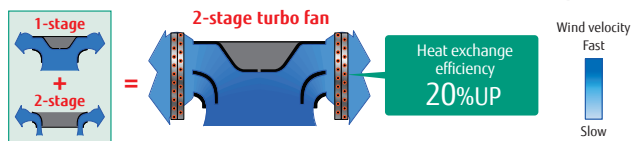


Features

2-stage turbo fan

High efficiency design through 2-stage structure

Air distribution evenly spread across the heat exchanger is possible due to the new 2-stage turbo fan which produces two separate airflow streams.



Previous turbo fan

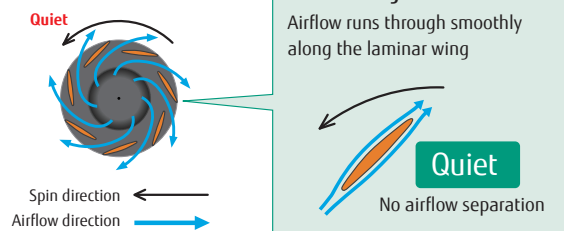
In the case of a previous fan, the air outlet range was narrow as the airflow moved to the motor side which meant the velocity of air passing through the heat exchanger was uneven.



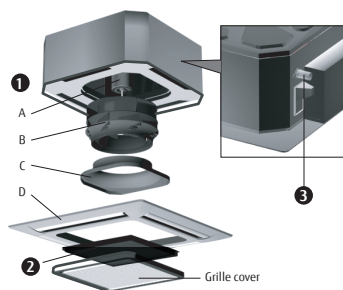
Quiet operation

Optimization of wing form (laminar wing type) and wing number (7 blades each)
Designed by CFD-analysis (fluid) simulations

Adoption of laminar wing



Improvement of the airflow distribution



1 Maintenance of fan motor and fan

Maintenance of the fan motor and fan can be done easily after taking off the panel as the bell mouth of the fan can be removed easily.

- A : Fan motor B : 2-stage turbo fan
- C : Bell-mouth D : Panel

2 Air filter : standard equipment

3 Adaptation of transparent drainage parts

During installation, maintenance and operation, the drain pump and kit can be checked easily.

High ceiling mode

The compact cassette can be installed up to a height of 3.0m (12/14/18/24).

Model code	The maximum height from floor to ceiling (m)	
	Standard mode	High ceiling mode
07	2.7	-
09	2.7	-
12	2.7	3.0
14	2.7	3.0
18	2.7	3.0
24	2.7	3.0

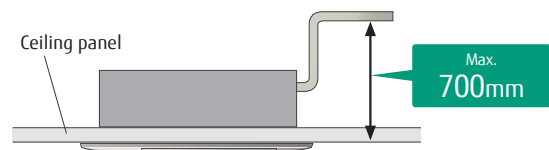


Compact design

The worlds first 24,000Btu model in the compact cassette category.
(Easy installed by taking off ceiling panel of 600 x 600 size)



High lift drain pump



Optional parts

Air outlet shutter plate : UTR-YDZB
 Insulation kit for high humidity: UTZ-KXGC
 Fresh air intake kit: UTZ-VXAA
 Cassette Grille: UTG-UFYC-W(Standard Type)
 UTG-UFYE-W(Grid Type)

Specifications

Model name		AUXB07GALH	AUXB09GALH AUXB09GATH	AUXB12GALH AUXB12GATH	AUXB14GALH AUXB14GATH	AUXB18GALH AUXB18GATH	AUXB24GALH AUXB24GATH
Power source		Single - phase, ~230V, 50Hz					
Capacity	Cooling	2.2	2.8	3.6	4.5	5.6	7.1
	Heating	2.8	3.2	4.1	5.0	6.3	8.0
Input power		25	25	29	35	36	84
Airflow rate	High	540	550	600	680	710	1,030
	Med	450	450	530	590	580	830
	Low	350	350	390	390	400	450
Sound pressure level	High	34	35	37	38	41	50
	Med	30	30	34	34	35	44
	Low	25	25	27	27	27	30
Dimensions (H x W x D)		245 x 570 x 570	245 x 570 x 570	245 x 570 x 570	245 x 570 x 570	245 x 570 x 570	245 x 570 x 570
Weight		15	15	15	15	17	17
Connection pipe diameter	Liquid (Flare)	6.35	6.35	6.35	6.35	9.52	9.52
	Gas (Flare)	12.70	12.70	12.70	12.70	15.88	15.88
Drain hose diameter (I.D./O.D.)		25 / 32					
Cassette Grille		Model name: UTG-UFYC-W / UTG-UFYE-W					
		Dimensions (HxWxD) mm: 49 x 700 x 700 / 49 x 620 x 620					
		Weight kg: 2.6 / 2.3					

Note : Specifications are based on the following conditions.

Cooling : Indoor temperature of 27°CDB / 19°CWB, and outdoor temperature of 35°CDB / 24°CWB.

Heating : Indoor temperature of 20°CDB / (15°CWB), and outdoor temperature of 7°CDB / 6°CWB.

Pipe length : 7.5 m; Height difference between outdoor unit and indoor unit : 0 m. Voltage : 230 V.

Dimensions (Unit: mm)

