



# IDU UNITS



Optional			
Wireless	Wired	Wired	Centralized

## ● Accessories

Plenum box	Air filter	EXV	Drain pump	AC motor	DC Motor
/	Standard	Standard (built-in)	Standard	Standard	/

## ● 360° air outlet, no blind spot



## ● Compact design, only 230mm height

Has slim body with 230mm height, it is specially suitable for low suspended ceiling rooms.



## ● Built-in drain pump, drain height can be 1200mm

Built-in with long life drainage pump, Pumping head is 1200mm, flexible for drainage pipe design.



Model		TMCF028AB	TMCF036AB	TMCF045AB	TMCF050AB	TMCF056AB	TMCF063AB	TMCF071AB	TMCF080AB	TMCF090AB	TMCF100AB	TMCF112AB	TMCF125AB	TMCF140AB	TMCF160AB	
Capacity	Cooling	kW	2.8	3.6	4.5	5.0	5.6	6.3	7.1	8.0	9.0	10.0	11.2	12.5	14.0	16.0
	Heating	kW	3.2	4.0	5.0	5.6	6.3	7.1	8.0	9.0	10.0	11.2	12.5	14.0	16.0	18.0
Power supply	V/Ph/Hz	220V/ 1Ph/50Hz	220V/ 1Ph/50Hz	220V/ 1Ph/50Hz	220V/ 1Ph/50Hz	220V/ 1Ph/50Hz	220V/ 1Ph/50Hz	220V/ 1Ph/50Hz	220V/ 1Ph/50Hz	220V/ 1Ph/50Hz	220V/ 1Ph/50Hz	220V/ 1Ph/50Hz	220V/ 1Ph/50Hz	220V/ 1Ph/50Hz	220V/ 1Ph/50Hz	220V/ 1Ph/50Hz
Power input	W	55	55	70	70	75	75	90	90	150	150	150	190	190	210	
Air flow volume (H/M/L)	m³/h	750/ 660/540	810/ 690/540	900/ 720/600	900/ 720/600	960/ 780/660	960/ 780/660	1020/ 900/690	1200/ 1080/870	1500/ 1200/900	1620/ 1260/1020	1700/ 1360/1080	1800/ 1500/1200	1800/ 1500/1200	2100/ 1800/1500	
Sound pressure level (H/M/L)	dB(A)	32/30/25	32/30/25	36/33/31	36/33/31	36/33/31	36/33/31	39/36/33	39/36/33	42/39/35	42/39/35	42/39/35	44/40/35	44/40/35	44/40/36	
Fan	Type	—	Axial	Axial	Axial	Axial	Axial	Axial	Axial	Axial	Axial	Axial	Axial	Axial	Axial	
Fan motor	Speed (H/M/L/SL)	rpm	490±30/ 400±35/ 340±35/ 300±40	490±30/ 400±35/ 340±35/ 300±40	580±30/ 490±35/ 410±35/ 360±40	580±30/ 490±35/ 410±35/ 360±40	580±30/ 490±35/ 410±35/ 360±40	580±30/ 490±35/ 410±35/ 360±40	670±30/ 600±35/ 500±35/ 400±40	670±30/ 600±35/ 500±35/ 400±40	590±30/ 500±35/ 425±35/ 350±40	590±30/ 500±35/ 425±35/ 350±40	630±30/ 590±35/ 480±35/ 420±40	630±30/ 590±35/ 480±35/ 420±40	630±30/ 590±35/ 480±35/ 420±40	630±30/ 590±35/ 480±35/ 420±40
	Power output	W	26	26	30	30	30	30	37	37	50	50	65	65	65	65
	Insulation class	—	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Connecting pipe	Liquid pipe	mm	φ6.35	φ6.35	φ6.35	φ6.35	φ6.35	φ6.35	φ9.52	φ9.52	φ9.52	φ9.52	φ9.52	φ9.52	φ9.52	φ9.52
	Gas pipe	mm	φ12.7	φ12.7	φ12.7	φ12.7	φ12.7	φ12.7	φ15.88	φ15.88	φ15.88	φ15.88	φ15.88	φ15.88	φ15.88	φ15.88
	Connection method		Flared	Flared	Flared	Flared	Flared	Flared	Flared	Flared	Flared	Flared	Flared	Flared	Flared	Flared
Drain pipe	External diameter	mm	DN25	DN25	DN25	DN25	DN25	DN25	DN25	DN25	DN25	DN25	DN25	DN25	DN25	DN25
Outline dimension (body)	mm	840*840*230	840*840*230	840*840*230	840*840*230	840*840*230	840*840*230	840*840*230	840*840*230	840*840*300	840*840*300	840*840*300	840*840*300	840*840*300	840*840*300	
Outline dimension (panel)	mm	950*950*50	950*950*50	950*950*50	950*950*50	950*950*50	950*950*50	950*950*50	950*950*50	950*950*50	950*950*50	950*950*50	950*950*50	950*950*50	950*950*50	
Package dimension (body)	mm	930*930*300	930*930*300	930*930*300	930*930*300	930*930*300	930*930*300	930*930*300	930*930*300	930*930*370	930*930*370	930*930*370	930*930*370	930*930*370	930*930*370	
Package dimension (panel)	mm	1020*1020*90	1020*1020*90	1020*1020*90	1020*1020*90	1020*1020*90	1020*1020*90	1020*1020*90	1020*1020*90	1020*1020*90	1020*1020*90	1020*1020*90	1020*1020*90	1020*1020*90	1020*1020*90	
Net weight	Body	kg	22.5	22.5	24.5	24.5	24.5	24.5	24.5	24.5	29.5	29.5	29.5	29.5	32	32
	Panel	kg	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Gross weight	Body	kg	24.5	24.5	26.5	26.5	26.5	26.5	26.5	26.5	31.5	31.5	31.5	31.5	34	34
	Panel	kg	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5

- Notes:
- Power supply: 220V/1PH for 50Hz
  - The cooling condition: indoor side 27°C (80.6°F) DB, 19°C (66°F) WB outdoor side 35°C (95°F) DB
  - The heating condition: indoor side 20°C (68°F) DB, 15°C (44.6°F) WB outdoor side 7°C (42.8°F) DB
  - Sound level: measured at point 1m in front of the unit at a height of 1.3m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
  - The above data may be changed without notice for future improvement on quality and performance.