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## **Tủ Điện Air - Cooled Package TFP 15 ~ 20NS(F)**

## **Symbols :**

- 1. Condenser water inlet**
- 2. Condenser water outlet**
- 3. Upper draining pipe outlet**
- 4. Lower draining pipe outlet**
- 5. Power line inlet**
- 6. Grounding terminal bolt**

[Đặt hàng](#)

# Air-Cooled Package

## ■ Features

### 1 LED micro-computer touch control and room temperature indication

- Adopting LED micro-computer temperature control owns sensitive control and can indicate and adjust temperature.
- Own low temperature anti-frozen protection function to avoid freezing on the evaporator.
- Three minutes protection design and abnormal protection indication can prolong compressor life.
- The dual systems adopt two stages of micro-computer temperature control that can adjust according to real loading to save energy.
- Adopt dual systems that have independent refrigerant circuit. They own the characteristics that compressor running can select start sequence to average compressor running time and prolong compressor life.

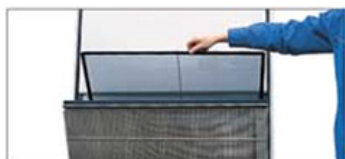
### 3 Typical fan design

Adopting the most progressive ringless fan rotor and streamline air discharge grill can get the high-efficiency air volume with static pressure. And the air will not produce the vortex phenomenon to minimize the friction sound of airflow.



### 5 Excellent anti-dust and dehumidifying effect

High quality filter can remove dust completely and protect health as well as maintain easily. The dehumidifying effect is appropriate for island type climate and good for health.



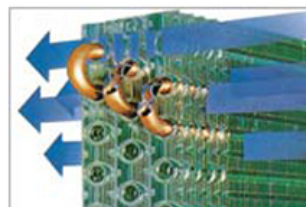
### 2 High efficiency compressor

Using the most advanced high efficiency scroll type compressor can operate, suck, compress, and exhaust in step to achieve low noise, low vibration, zero breakdown and energy saving effect. It can also make the system strong and cold and energy-saving.



### 4 Great cooling capacity

The cooling capacity is great by using the new multi-fin and inner groove tube of the high efficiency heat exchanger.



## ■ Specifications

Model	Indoor unit	TFV-1252DPN	TFP-5NS	TFP-8NS	TFP-10NS	TFP-15NS	TFP-20NS		
	Outdoor unit	RP-5NS	RP-5NS	RP-8NS	RP-10NS	RP-8NSx2	RP-10NSx2		
Cooling capacity	(Btu/hr)	47,775	50,000	75,000	100,000	150,000	200,000		
	(kW)	14.0	14.7	22.0	29.3	44.0	58.6		
Running current	(A)	9.2	9.4	14.0	18.8	28.1	37.9		
Power consumption	(kW)	4.40	4.50	6.75	9.01	13.50	18.20		
EER	(Btu/hr-W)	10.86	11.11	11.11	11.10	11.11	10.99		
COP	(W/W)	3.18	3.26	3.26	3.25	3.26	3.22		
Indoor unit (single)	Power source	1ø 220V 50Hz	3ø 380V 50Hz						
	Evaporator	Cross fin coil							
	Fan	Type	Multi-blade						
		Output	(kW)	0.15	0.4	0.75	0.75	2.2	3.7
		Air volume	(CFM)	988/883/812	1,412	2,401	3,178	4,767	6,356
			(CMM)	28/25/23	40	68	90	135	180
	EX. Static pressure (pa)		0	0	0	0	0	0	
	Dim.	Height	(mm)	1,900	1,870	1,870	1,870	1,870+320(FA-20N)	1,870+320(FA-20N)
		Width	(mm)	600	950	1,470	1,470	1,810	1,810
		Depth	(mm)	445	510	510	510	795	795
Weight	(kg)	55	135	210	220	300+22(FA-20N)	320+22(FA-20N)		
Outdoor unit	Power Source	3ø 380V 50Hz							
	Condenser	Cross fin coil							
	Comp.	Type	Hermetic Compressor						
		Quantity	1	1	1	1	2	2	
	Fan	Type	Propeller Fan						
		Output x Quantity (W)	80 ×2	80 ×2	355×1	460 ×1	355 ×2	460 ×2	
	Dim.	Height	(mm)	1,320	1,320	1,308	1,308	1,308	1,308
		Width	(mm)	930	930	1,685	1,685	1,685	1,685
Depth		(mm)	370	370	630	630	630	630	
Weight	(kg)	126	126	190	220	190	220		
Power Providing pattern	Outdoor unit	Outdoor unit and indoor unit							
Thermostat	LED display micon controller								
Refrigerant & Control	R-410A / Capillary tube								
Safety devices	Outdoor fan thermal protection , Indoor unit fan motor protection High & low pressure switch, Comp. internal protector, Comp. 3-minute protector, Reverse phase protector								
Piping	Gas side	ø 19.1×1	ø 19.1×1	ø 22.2×1	ø 28.6×1	ø 22.2×2	ø 28.6×2		
	Liquid side	ø 12.7×1	ø 12.7×1	ø 15.9×1	ø 15.9×1	ø 15.9×2	ø 15.9×2		
	Indoor unit draining	PS 1B							

### Notes:

- Cooling capacity is based on indoor air temperature 27°CDB / 19°CWB, outdoor air temperature 35°CDB.
- Cooling operation temperature limits: indoor 21~32°CDB, outdoor 21~45°CDB.
- If the cooling requirement is under 20°C, additional design is required to protect the unit. Please have a check with our sales.
- If the piping distance of refrigerant between indoor and outdoor unit is longer than 30m, additional design is required to protect the unit. Please notify our sales in advance.
- Owing to technological advances, the above specifications might be updated without early notice.
- 1kW=860kcal/hr, 1kcal/hr=3.968 Btu/hr.

## **Thông tin liên quan**



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[Tủ Điện Air - Cooled Package FA 15 ~ 20N](#)



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[Tủ Điện Air - Cooled Package RP 30NS](#)



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[Tủ Điện Air - Cooled Package RP 8 ~ 10NS](#)



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[Tủ Điện Air - Cooled Package RP 5NS](#)



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[Tủ Điện Air - Cooled Package TFP 30NSF](#)



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Tủ Điện Air - Cooled Package TFP 8 ~ 10NS(F)



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Tủ Điện Air - Cooled Package TFP 5NS(F)