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Tụ điện Water - Cooled Package TC 3NS

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

Water-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.

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.



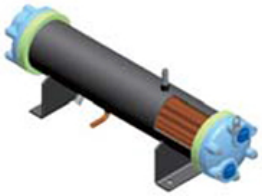
3 Typical fan design

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.



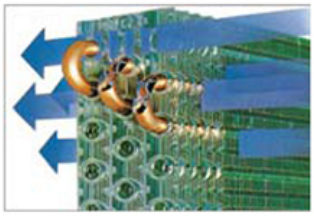
4 Anti-corrosive condenser design

Steel shell is treated by anti-corrosive coating and copper tube adopted by high efficiency Cu alloy possesses high anti-corrosive characteristics.



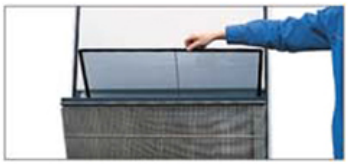
5 Great cooling capacity

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



6 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.



■ Specifications

Model		TC-3NS	TC-5NS	TC-8NS	TC-10NS	TC-15NS	TC-20NS
Power source		3ø 380V 50Hz					
Cooling capacity	(Btu/hr)	36,000	60,000	90,000	120,000	180,000	240,000
	(kW)	10.5	17.6	26.4	35.2	52.7	70.3
Condenser water	(L/min)	39	60	100	128	190	257
Running current	(A)	4.6	7.5	11.2	16.2	23.7	31.9
Total input	(kW)	2.39	3.58	5.36	7.76	11.38	15.32
EER	(Btu/hr . W)	15.06	16.76	16.79	15.46	15.82	15.67
COP	(w/w)	4.39	4.91	4.92	4.53	4.63	4.59
COMP.	Type	Hermetic Compressor					
	Quantity	1			2		
Capacity step (%)		100,0			100,50,0		
Evaporator		Cross fin coil					
Condenser		Double pipe condenser	Shell & tube type				
Fan type		Dual suction multi-blades					
Output	(kW)	0.105	0.4	0.75	0.75	2.2	3.7
Air volume	(CFM)	988	1,412	2,401	3,178	4,767	6,356
	(CMM)	28	40	68	90	135	180
External static pressure	(pa)	0	0	0	0	0	0
Plenum chamber		Accessary				Optional	
Electrical heater		Optional					
Humidifier		Optional					
Thermostat		LED display micon controller					
Starting type		Direct			Sequence direct		
Safety devices		Coil anti-frozen protection Compressor thermal protector, High & low pressure switch Compressor 3 minutes protection Reversal phase protection					
Condenser water pipe		PT 1 B	PT 1 1/4B	PT 1 1/2B	PT 1 1/2B	PT 2B	PT 2B
Draining pipe		PS 1B	PS 1B	PS 1B	PS 1B	PS 1B	PS 1B
Refrigerant & Control		R-410A / Capillary tube					
DIM.	Height (mm)	1,700	1,870	1,870	1,870	1,870+320(FA-15N)	1,870+320(FA-20N)
	Width (mm)	750	950	1,470	1,470	1,470	1,810
	Depth (mm)	380	510	510	510	795	795
Weight	(kg)	120	215	313	345	480+18(FA-15N)	576+22(FA-20N)

Notes:

1.Cooling capacity is based on the condition at indoor air temperature 27℃DB/19.0℃ WB; while condenser inlet water temperature is at 30℃ and outlet water temperature is at 35℃.

2.1kW=860 kcal/hr; 1kcal/hr=3.968 Btu/hr.

Thông tin liên quan

Tụ điện Water - Cooled Package TC 50NSF



Tụ điện Water - Cooled Package TC 40NSF



Tụ điện Water - Cooled Package TC 30NSF



Tụ điện Water - Cooled Package TC 15 ~ 20NS(F)



Tụ điện Water - Cooled Package TC 8 ~ 10NS(F)

Tụ điện Water - Cooled Package TC 5NS(F)