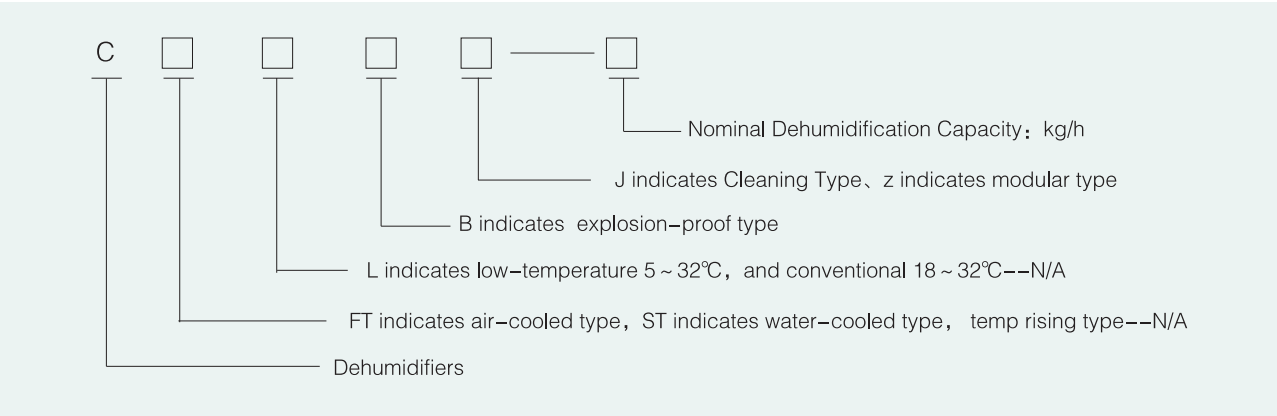


Features



1. Headpower Company has rich experience in design and manufacturing of refrigeration dehumidifiers. Its series of refrigeration dehumidification equipment for air dehumidification are applicable for places with need of dehumidification, such as national defense engineerings, civil air defense engineerings, tobacco and petrochemical industries, metro stations, aerospace, decontamination engineerings, labs, telecommunication equipment rooms, archives rooms, food rooms, pharmaceutical and film workshops, and specialty glass manufacturing.
2. Headpower dehumidifiers include series of regular dehumidifiers, pipe dehumidifiers, heating pipe dehumidifiers, dehumidifiers for coastal engineerings, dehumidifiers for tobacco storehouses, dehumidifiers for air-conditioning of underground engineerings, full fresh air dehumidifiers, and united dehumidifiers.

Model type nomenclature



Parameters of temp. rising dehumidifiers

Performance		Model No		C8	C10	C16	C20	C25	C32	C40	C50	C60	C80	C100
Rated Dehumidification Cap	kg/h	8	10	16	20	25	32	40	50	60	80	100		
	kw	14	16.6	28	33	42	56	66	83	99	132	165		
Power Supply		220V/1PH-50Hz/380V/3PH-50Hz			380V/3PH-50Hz									
Security Protection		High and Low Pressure Protection、 anti-frozen Protection、 overflow protection、 sequence protection、 Compressor overheating protection												
Operation Control		Microcomputer automatic control, run abnormal status display, fault self-diagnosis, abalanced stand-alone run-time, time switch machine												
Type		Hermetic Scroll												
Compressor	Rated Power	KW	3.75	4.5	3.75×2	4.5×2	3.75×3	3.75×4	4.5×4	4.5×2	9×3	9×4	9×5	
	Two-Way Slotted Aluminum Fin/honeycomb Aluminum Fin													
Fan Type		Ultra-low-Noise Centrifugal												
Air Side Exchanger	Air Flow	m³/h	2600	3200	5200	6400	7800	10800	12800	16000	19200	25600	32000	
	ESP	Pa	0/100	0/120	0/150	0/180	200	220	250	280	350	350	400	
	Motor power	kw	0.55	0.75	0.55×2	0.75×2	2.2	3	4	5.5	7.5	11	15	
Type Of Refrigerant/Volume Control		R22/R407C/Thermal Expansion Valve												
Operating Noise		dB(A)	56	59	62	63	65	66	66	68	70	71	72	
Weight		kg	220	240	320	380	450	520	600	680	810	980	1160	
Unit Dimension (L×W×H)		mm	1050×650×1650	1100×650×1700	1450×700×1700	1600×850×1800	1800×850×1800	1980(2000×950×1980)2100×950×2050	2100×1160×2200	2200×1200×2200	2300×1380×2200	2500×1600×2400		

Parameters of Air-cooled type thermostat dehumidifiers															
Performance		Model No	CFT08	CFT10	CFT16	CFT20	CFT25	CFT32	CFT40	CFT50	CFT60	CFT80	CFT100		
Rated Dehumidification Cap	kg/h		8	10	16	20	25	32	40	50	60	80	100		
			14	16.6	28	33	42	56	66	83	99	132	165		
Power Supply		220V/1PH-50Hz/380V/3PH-50Hz		380V/3PH-50HzHz											
Security Protection		High and Low Pressure Protection、anti-frozen Protection、overflow protection、sequence protection、Compressor overheating protection													
Operation Control		Microcomputer automatic control, run abnormal status display, fault self-diagnosis, abalanced stand-alone run-time, time switch machine													
Compressor	Type		Hermetic Scroll												
		Rated Power	kw	3.75	4.5	3.75×2	4.5×2	3.75×3	3.75×4	4.5×4	4.5×5	9×3	9×4	9×5	
	Exchanger Type		Hydrophilic Film Aluminum fin with copper tubes												
		Fan Type		Ultra-low-Noise Axial Type											
		Air Flow	m³/h	5000	6000	11000	13000	17000	22000	25000	33000	39000	54000	66000	
Air Side Exchanger	Motor power	kw	0.25	0.28	0.25×2	0.28×2	0.55×2	1.1×2	1.1×2	0.75×3	1.1×3	1.1×4	1.1×5		
Type Of Refrigerant/Volume control															
Operating Noise			dB(A)	56	59	62	63	65	66	66	68	70	71	72	
Weight			kg	220	240	320	380	450	520	600	680	810	980	1160	
Unit Dimension (L×W×H)	Indoor	mm	1050×600×1650	1100×600×1700	1450×650×1700	1600×800×1800	1800×800×1800	2000×850×1980	2100×900×2050	2100×1160×2200	2200×1200×2200	2400×1380×2200	2500×1600×2400		
	outdoor	mm	840×840×950	840×840×950	1050×1050×1300	1050×1350×1300	1200×1350×1300	1250×1050×1150	2300×1100×1500	2300×1200×1400	2300×2100×2000	2300×3100×2000			

Parameters of Water-cooled type thermostat dehumidifiers

Performance		Model No	CST8	CST10	CST16	CST20	CST25	CST32	CST40	CST50	CST60	CST80	CST100
Rated Dehumidification Cap	kg/h		8	10	16	20	25	32	40	50	60	80	100
Rated Cooling Cap	kw		15	17.6	30	36	45	58	69	87	102	136	170
Power Supply			220V/1PH--50Hz/380V/3PH--50Hz		380V/3PH--50Hz								
Security Protection			High and Low Pressure Protection、anti--frozen Protection 、 overflow protection、 sequence protection、 Compressor overheating protection										
Operation Control			Microcomputer automatic control, run abnormal status display, fault self--diagnosis, abalanced stand--alone run--time, time switch machine										
Compressor	Type		Hermetic Scroll										
	Rated Power	KW	3.75	4.5	3.75 × 2	4.5 × 2	3.75 × 3	3.75 × 4	4.5 × 4	4.5 × 5	9 × 3	9 × 4	9 × 5
Exchanger Type			Two--Way Slotted Aluminum Finhoneycomb Aluminum Fin With Copper Tubes										
Air Side Exchanger	Fan Type		Ultra--low--Noise Centrifugal										
	Air Flow	m³/h	2600	3200	5200	6400	7800	10800	12800	16000	19200	25600	32000
	ESP	Pa	0/100	0/120	0/150	0/180	200	220	250	280	350	350	400
	Motor power	kw	0.55	0.75	0.55 × 2	0.75 × 2	2.2	3	4	5.5	7.5	11	15
Water Side Exchanger	Type		Efficient dry--type shell and tube										
	Water Flow	m³/h	3.6	4.2	7.2	8.4	10.8	14.5	16.8	21	25.2	33.6	42
	Water Resistance	mH ₂ O	2.5	2.5	2.8	2.8	2.9	2.9	3.0	3.8	4.2	4.8	5.6
	Connection Pipe Size	in/mm	1 1/4"/DN32	1 1/4"/DN32	1 1/2"/DN40	1 1/2"/DN40	2"/DN50	2"/DN50	2"/DN50	2"/DN50+1 1/2"/DN40	2 1/2" /DN65	2"/DN50 × 2	2 1/2"/DN65+2"/DN50
Type Of Refrigerant/Volume Control			R22/R407C/Thermal Expansion Valve										
Operating Noise		dB(A)	56	59	62	63	65	66	66	68	70	71	72
Weight		kg	280	320	380	450	570	720	810	980	1110	1320	1450
Unit Dmension (L × W × H)		mm	1050 × 600 × 1650	1100 × 600 × 1700	1450 × 650 × 1700	1600 × 800 × 1800	1800 × 800 × 1800	2000 × 850 × 1980	2100 × 900 × 2050	2100 × 1160 × 2200	2200 × 1200 × 2200	2400 × 1380 × 2200	2500 × 1600 × 2400