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The Energy Solutions of Withair Cooling Towers Catalogue 2017



Take Control of Your Energy Future !

Withair offers a wide range of clean energy products and solutions to meet the needs of your projects.



Ongoing innovation with cutting-edge products



Over 30 years of experience



Production 100% Made in China



Guaranteed support and spare parts



Support in design



Documentation for incentives



Two-year guarantee



Free training course

About Withair

Withair® is one leading manufacturer in sustainable energy solutions supplying HVACR products & services for cooling, heating, hot water, ventilation, industrial refrigeration and heat recovery that reflect today's demand for sustainable construction, comfortable indoor climate and industrial cooling process application. and specialize in heating & cooling system, air quality system and new energy development and utilization, now it has three factories, manufacturing different kinds of products, and committed to providing the first-class products & system solutions for customers.

At Withair®, our aim is to support the growth, profit, and sustainability goals of our clients by delivering innovative solutions with n x value. we gain a deep understanding of our client's needs and business objectives first and foremost by gaining and leveraging our technical knowledge, innovative thinking, and vast equipment resources. from heating & cooling solutions and air quality management, to energy performance and efficiency determination, Withair® delivers the results.

Withair® operates in a strongly impacting sector in the energy field, and its primary objectives include committing resources to continuous technological research and improvement of production processes, with the aim of streamlining products and raise users' awareness on the actual soundness of ensuing energy savings.

Withair® products & solutions combine utmost efficiency with minimum energy consumption and strict respect of the environment, the idea proved to be a winning one in just a few years, Withair® became the leader in the sector !



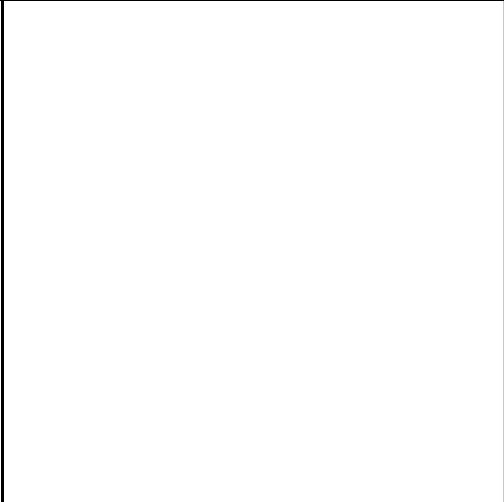
Low energy consumption systems

Use of clean energy

Use of environmentally-friendly cooling gases

ZERO direct CO2 emissions in the environment

Variety of Cooling Towers

			
Counter-flow Closed Cooling Tower	Cross-flow Closed Cooling Tower	Combined-flow Closed Cooling Tower	Steel Counter Flow Opened Cooling Tower
			
FRP Square Opened Cooling Tower	FRP Round Opened Cooling Tower	Steel Cross Flow Opened Cooling Tower	Steel Cross Flow Opened Cooling Tower

Counter-flow Closed Cooling Towers

—— Working Principle ——

The heated working fluid inlet from cooling coils, then the waste heat be took away by the fall down spray water and reverse flow with the cold dry air which is inlet from the bottom of the tower and form to saturated vapor in the process. The heat is exhausted out of tower by the top fan and the water is collected to bottom tank and circulate continuously by the special evaporator.

—— The Key Advantages Include ——

● Energy saving & high efficiency

Few cooling blind area, high thermal efficiency. High air duct design, make sure the equipment to meet the demand of cooling air flow rate in operation.

● A wide range of applications

Withair® Counter-flow Closed Cooling Tower is apply to the low cooling temperature (Temp.<45 °C or not higher than the location wet bulb temperature too much) or needs a small cooling range projects (Δ T=5-10 °C) .

● Compact Structure

Compare with other forms, there are no PVC fills inside, so this type's structure is compact, installation area is less, meet the users' space demanding.

● Supporting auxiliaries

We can combine the tower with auxiliary together to be a whole suit, it will convenient for customers to operate, and easy to transportation & installation.

—— Technical Data ——

Model	Power supply	Flow rate	Cooling capacity	Spray pump		Fan motor			Pipe size			Dimension	Weight
	V/P/Hz	m³/h	kW	Power(kW)	Flow rate(m³/h)	Power(kW)	QTY	Φ(mm)	Inlet/outlet	Supply	Sewage	L*W*H (mm)	Net(kg)
W06PN-10CFC	380/3/50	10	58.1	0.7	15	0.7	1	750	DN65	DN20	DN25	1600*900*2300	560
W06PN-15CFC	380/3/50	15	87.2	0.7	15	1.1	1	750	DN65	DN20	DN25	1850*1030*2300	650
W06PN-20CFC	380/3/50	20	116.3	1.1	29	0.8	2	700	DN65	DN20	DN25	2250*1030*2180	720
W06PN-30CFC	380/3/50	30	174.5	1.1	29	1.1	2	750	DN65	DN20	DN25	2600*1260*2360	800
W06PN-40CFC	380/3/50	40	232.6	1.5	33	1.5	2	800	DN80	DN20	DN25	2800*1260*2800	980
W06PN-60CFC	380/3/50	60	348.9	2.2	58	2.2	2	900	DN80	DN25	DN25	2850*1500*2800	1180
W06PN-80CFC	380/3/50	80	465.2	2.2	58	2.2	2	1200	DN80	DN25	DN25	3000*1700*3000	1820
W06PN-100CFC	380/3/50	100	581.5	4.0	96	3.0	2	1200	DN100	DN25	DN25	3350*2200*3050	2230
W06PN-125CFC	380/3/50	125	726.9	4.0	96	3.0	2	1200	DN125	DN32	DN32	3350*2200*3400	2650
W06PN-150CFC	380/3/50	150	872.2	4.0	116	4.0	2	1500	DN150	DN32	DN32	3850*2200*3550	2850
W06PN-175CFC	380/3/50	175	1017.6	5.5	160	7.5	2	1500	DN200	DN32	DN32	4200*2200*3550	3120
W06PN-200CFC	380/3/50	200	1163.0	5.5	160	7.5	2	1800	DN200	DN32	DN32	4800*2200*3600	3280
W06PN-250CFC	380/3/50	250	1453.8	7.5	240	7.5	2	2200	DN200	DN40	DN40	5450*2400*3670	3270
W06PN-300CFC	380/3/50	300	1744.5	7.5	240	11.0	2	2200	DN150*2	DN40	DN40	5450*2500*3670	3450

Notes:

1. Design conditions:maximum flow rate ≤350m³/h,dry bulb temp.≤31.5℃,wet bulb temp.≤28℃,relative humidity≤85%,elevation below ≤1000m.
2. Taking antifreeze measures when climate temperature below 0℃.
3. All models, sizes, dimensions, and specifications are subject to change without prior notice, please refer to nameplates for the most accurate specifications

Cross-flow Closed Cooling Towers

—— Working Principle ——

The heated working fluid inlet from cooling coils, then the waste heat be took away by the fall down spray water and cross flow with the cold dry air which is inlet from the sides of the tower and form to saturated vapor in the process. The heat is exhausted out of tower by the top fan and the water is collected to bottom tank and circulate continuously by the special evaporator. Different from Counter Flow type, there are PVC fills inside. They per-cool the spray water, and flows in the vertical direction with cold water inlet, it will make more effective.

—— The Key Advantages Include ——

- Low noise
PVC fills make high work efficiency and also can reduce the noisy of spray drops. Configure low noise fans.
- A wide range of applications
Withair® Cross-flow Closed Cooling Tower is apply to the project which needs a large cooling range($\Delta T = 5-15\text{ }^{\circ}\text{C}$), and which place has requirements to keep low noisy and environmental protection, such as hospital and City Center.
- Avoiding scaling
The spray water' s temperature is lower than scaling temperature, smooth flow the cooling coil and the coils are damped completely, highly reduce scaling.
- Supporting auxiliaries
Modular design is easy to assemble, disassemble and maintenance. There is a maintenance passage inside the tower, and maintenance ladder, fence are equipped. They are convenient for staff to entrance to examine and repair.

—— Technical Data ——

Model	Power supply	Flow rate	Cooling capacity	Spray pump		Fan motor		Pipe size			Dimension	Weight
	V/P/Hz	m³/h	kW	Power(kW)	Flow rate(m³/h)	Power(kW)	QTY	Inlet/outlet	Supply	Sewage	L*W*H (mm)	Net(kg)
W06PH-40CFC	380/3/50	40	232.6	1.5	45	1.5	2	DN80	DN25	DN25	3100*1850*2500	1150
W06PH-60CFC	380/3/50	60	348.9	2.2	60	1.1	3	DN80	DN25	DN25	3300*2000*2600	1350
W06PH-80CFC	380/3/50	80	465.2	2.2	60	1.1	3	DN80	DN25	DN25	3500*2000*2900	1650
W06PH-100CFC	380/3/50	100	581.5	2.2	114	1.5	3	DN100	DN25	DN25	3500*2500*3250	1950
W06PH-125CFC	380/3/50	125	726.9	3.7	140	2.2	3	DN125	DN32	DN32	4250*2500*3570	2400
W06PH-150CFC	380/3/50	150	872.2	3.7	140	2.2	4	DN150	DN32	DN32	4750*2500*3570	2950
W06PH-200CFC	380/3/50	200	1163.0	5.5	160	2.2	4	DN200	DN32	DN32	5400*2500*4050	3850
W06PH-250CFC	380/3/50	250	1453.8	5.5	160	2.2	5	DN200	DN40	DN40	6300*2500*4050	4650
W06PH-300CFC	380/3/50	300	1744.5	7.5	240	3.0	4	DN150*2	DN40	DN40	6300*2750*4050	5580
W06PH-350CFC	380/3/50	350	2035.3	7.5	240	3.0	5	DN150*2	DN40	DN40	6300*3000*4050	6500

Notes:

1. Design conditions: maximum flow rate $\leq 450\text{m}^3/\text{h}$, dry bulb temp. $\leq 31.5^{\circ}\text{C}$, wet bulb temp. $\leq 28^{\circ}\text{C}$, relative humidity $\leq 85\%$, elevation below $\leq 1000\text{m}$.
2. Taking antifreeze measures when climate temperature below 0°C .
3. All models, sizes, dimensions, and specifications are subject to change without prior notice, please refer to nameplates for the most accurate specifications

Combined-flow Closed Cooling Towers

—— Working Principle ——

The heated working fluid is flowing inside of the coil, which is en-wrapped by spray water on the outside. The heat of water is conducted by coil and become the saturated vapor when meet the water and air. The heat is exhausted out of the tower by the fan, and the water is collected back to the water tank for circulating. The spray water is cooled down when pass the PVC fills in the process of circulation, and flows in the same direction with the inlet cold air, and the coil mainly cooled by sensible heat conduction. So this type cooling tower is wildly used for high temperature cooling media.

—— The Key Advantages Include ——

- Low noise

Low revolving speed with wide fan. Vulnerable parts using famous brand, low failure rate, cheap maintenance cost.

- A wide range of applications

Withair® Combined-flow Closed Cooling Tower has a huge inside spare space which convenient for people to get into maintenance and repair. This type' advantages are high work efficiency and avoiding scaling, also apply to the high cooling temperature (35 °C — 50 °C) or large cooling range ($\Delta = 5-20$ °C) .

- Avoiding scaling

The cooling coils install up above the PVC fills, inlet cold air flows in the same direction with the spray water, so the spray water can complete cover the cooling coils and will avoid formation of dry point to form scale.

- High air duct design exhaust system to ensure ventilation quality, fast heat dissipation, ensure the cooling effect.

- Convenient maintenance

Modular design is easy to assemble, service, and disassemble. There is a maintenance passage inside tower, it is convenient for staff to entrance to examine and repair.

- Double sides air inlet

This model's cooling capacity is more efficient. Cooling coils are layout in two sides, maximize the fan size. Enhance the air circulation.

—— Technical Data(single side air inlet) ——

Model	Power supply	Flow rate	Cooling capacity	Spray pump		Fan		Pipe size			Dimension	Weight
	V/P/Hz	m³/h	kW	Power(kW)	Flow rate(m³/h)	Power(kW)	QTY	Inlet/outlet	Supply	Sewage	L*W*H (mm)	Net(kg)
W06PF-50CFC	380/3/50	50	290.8	1.5	45	2.2	1	DN80	DN25	DN25	2500*2300*3350	1650
W06PF-65CFC	380/3/50	65	378.0	2.2	60	2.2	2	DN80	DN25	DN25	3100*2300*3750	1900
W06PF-80CFC	380/3/50	80	465.2	2.2	60	3.0	2	DN80	DN25	DN25	3400*2400*4200	2650
W06PF-100CFC	380/3/50	100	581.5	2.2	114	3.0	2	DN100	DN25	DN25	3400*2400*4200	2820
W06PF-125CFC	380/3/50	125	726.9	3.7	140	4.0	2	DN125	DN32	DN32	4000*3000*4250	3400
W06PF-150CFC	380/3/50	150	872.2	3.7	140	5.5	2	DN150	DN32	DN32	4000*3000*4630	3750
W06PF-175CFC	380/3/50	175	1017.6	5.5	160	5.5	2	DN200	DN40	DN40	4050*3000*4650	3950
W06PF-200CFC	380/3/50	200	1163.0	5.5	160	5.5	3	DN200	DN40	DN40	5810*3000*4630	4520
W06PF-250CFC	380/3/50	250	1453.8	5.5	160	7.5	3	DN200	DN40	DN40	5810*3000*4650	4980

Notes:

1. Design conditions: dry bulb temp. $\leq 31.5^{\circ}\text{C}$, wet bulb temp. $\leq 28^{\circ}\text{C}$, relative humidity $\leq 85\%$, elevation below $\leq 1000\text{m}$.
2. Taking antifreeze measures when climate temperature below 0°C .
3. All models, sizes, dimensions, and specifications are subject to change without prior notice, please refer to nameplates for the most accurate specifications

—— Technical Data(double sides air inlet) ——

Model	Power supply	Flow rate	Cooling capacity	Spray pump		Fan motor		Pipe size			Dimension	Weight
	V/P/Hz	m³/h	kW	Power(kW)	Flow rate(m³/h)	Power(kW)	QTY	Inlet/outlet	Supply	Sewage	L*W*H (mm)	Net(kg)
W06PFD-175CFC	380/3/50	175	1017.6	2.2	60	11.0	2	DN80*2	DN40	DN40	5700*3000*4660	3900
W06PFD-200CFC	380/3/50	200	1163.0	2.2	114	11.0	3	DN100*2	DN40	DN40	6400*3200*4660	4300
W06PFD-250CFC	380/3/50	250	1453.8	3.7	140	15.0	3	DN125*2	DN40	DN40	6800*3200*4950	4900
W06PFD-300CFC	380/3/50	300	1744.5	3.7	140	15.0	3	DN150*2	DN40	DN40	7300*3300*4950	5100
W06PFD-350CFC	380/3/50	350	2035.3	5.5	160	22.0	4	DN200*2	DN40	DN40	7900*3400*5450	5620
W06PFD-400CFC	380/3/50	400	2326.0	5.5	160	37.0	4	DN200*2	DN40	DN40	8400*3600*5450	6100

Notes:

1. Design conditions: dry bulb temp. $\leq 31.5^{\circ}\text{C}$, wet bulb temp. $\leq 28^{\circ}\text{C}$, relative humidity $\leq 85\%$, elevation below $\leq 1000\text{m}$.
2. Taking antifreeze measures when climate temperature below 0°C .
3. All models, sizes, dimensions, and specifications are subject to change without prior notice, please refer to nameplates for the most accurate specifications

Steel Counter Flow Opened Cooling Towers

—— Working Principle ——

Without cooling coils, the heated working fluid be sprayed to the PVC fills, and reacts with cold inlet air for heat transferring, then the heat is exhausted out of the tower by the fan, and the working fluid is collected back to the water tank for circulating

—— The Key Advantages Include ——

● Steel structure is more stabilization

The tower out shell, water tank, support, exhaust air canister and other spare parts all are steel material. So the cooling towers have mechanical strength, good stability.

● A wide range of applications

Withair® Steel Counter Flow Opened Cooling Tower is apply to small industry area and small cooling range(water temperature< 45 °C, Δ= 4-8 °C) which is not have more demands for the working fluid. If the project need control noise pollution,and save water, please prefer our closed type.

● Economic

Relative to closed cooling tower, there is no cooling coils inside, simple structure. So the price will be more cheaper.

● High-performance

Relative to FRP cooling tower, steel tower has stable structer, smooth operation, higher precision design standard,more secure performance indicators.

● Easy installation & maintainance

Modular overall shipments, the lager models only need to connect the upper box and bottom box, it will reduce the installation difficult and outdoor operation cost. There is maintenance tunnel inside and large space,convinent to clean pvc fills and replace parts.

● Environmental protection

There is no enviroment pollution risk of steel material. After reached the end of the service life, the steel material also could be recycle without secondary pollution.

—— Technical Data ——

Model	Power supply	Flow rate	Fan motor		Pipe size			Dimension	Weight	
	V/P/Hz	m³/h	Power(kW)	Φ(mm)	Supply	Sewage	Inlet/outlet	L*W*H (mm)	Net(kg)	Working(kg)
W06PN-100OCT	380/3/50	100	5.0	1800	DN25	DN25	DN125	2250*2250*4070	1180	3300
W06PN-125OCT	380/3/50	125	5.5	2000	DN25	DN32	DN150	2500*2500*4070	1340	4015
W06PN-150OCT	380/3/50	150	5.5	2000	DN25	DN32	DN150	2750*2750*4750	1640	4870
W06PN-175OCT	380/3/50	175	7.5	2400	DN25	DN32	DN150	3000*3000*4570	1830	5720
W06PN-200OCT	380/3/50	200	7.5	2400	DN25	DN32	DN200	3250*3250*4570	2020	6630
W06PN-225OCT	380/3/50	225	7.5	2400	DN25	DN32	DN200	3300*3300*4570	2060	6800
W06PN-250OCT	380/3/50	250	7.5	2400	DN25	DN32	DN200	3500*3500*4770	2290	7650
W06PN-300OCT	380/3/50	300	11.0	2800	DN25	DN32	DN250	3750*3750*4950	2570	8750
W06PN-350OCT	380/3/50	350	11.0	3000	DN40	DN40	DN250	4000*4000*4950	2800	9860
W06PN-400OCT	380/3/50	400	15.0	3300	DN40	DN40	DN300	4500*4500*4950	3350	12350
W06PN-450OCT	380/3/50	450	15.0	3300	DN40	DN40	DN300	4800*4800*5150	3640	13900
W06PN-500OCT	380/3/50	500	15.0	3600	DN50	DN40	DN300	5000*5000*5600	4070	15000

Notes:

1. Design conditions: dry bulb temp. ≤31.5℃, wet bulb temp. ≤28℃, relative humidity ≤85%, elevation below ≤1000m.
2. Taking antifreeze measures when climate temperature below 0℃.
3. All models, sizes, dimensions, and specifications are subject to change without prior notice, please refer to nameplates for the most accurate specifications

Steel Cross Flow Opened Cooling Towers

—— Working Principle ——

This cooling tower has two sides air inlet, and the fan canister design to maximize. So that there has largest air flow space. Wide-chord hollow fan blade, reduce the noise.

—— The Key Advantages Include ——

● Steel structure is more stabilization

The tower out shell, water tank, support, exhaust air canister and other spare parts all are steel material. So the cooling towers have mechanical strength, good stability.

● A wide range of applications

Withair® Cross Flow Opened Cooling Tower is apply to small industry area and small cooling range($\Delta = 5-10\text{ }^{\circ}\text{C}$) which is not have more demands for the working fluid.

● Economic

Relative to closed cooling tower, there is no cooling coils inside, simple structure. So the price will be more cheaper.

● High-performance

Relative to FRP cooling tower, steel tower has stable structure, smooth operation, higher precision design standard, more secure performance indicators.

● Easy installation & maintainance

Modular overall shipments, the larger models only need to connect the upper box and bottom box, it will reduce the installation difficulty and outdoor operation cost. There is maintenance tunnel inside and large space, convenient to clean PVC fills and replace parts.

● Environmental protection

There is no environment pollution risk of steel material. After reached the end of the service life, the steel material also could be recycle without secondary pollution.

—— Technical Data ——

Model	Power supply	Flow rate	Fan motor		Pipe size				Dimension	Weight	
	V/P/Hz	m ³ /h	Power(kW)	Φ(mm)	Sewage	Supply	Inlet	Outlet	L*W*H (mm)	Net(kg)	Working(kg)
W06PH-100OCT	380/3/50	100	4.0	1500	DN25	DN25	100*2	DN125	1980*3200*3700	1090	3900
W06PH-125OCT	380/3/50	125	4.0	1800	DN32	DN25	125*2	DN150	2320*3600*3700	1350	5050
W06PH-150OCT	380/3/50	150	5.5	2000	DN32	DN25	125*2	DN150	2600*3800*3700	1450	5900
W06PH-175OCT	380/3/50	175	5.5	2000	DN32	DN25	125*2	DN150	2930*3800*3700	1500	6560
W06PH-200OCT	380/3/50	200	7.5	2400	DN32	DN25	150*2	DN200	3040*4300*3700	1690	7660
W06PH-225OCT	380/3/50	225	7.5	2400	DN32	DN25	150*2	DN200	2950*5080*4100	1900	8750
W06PH-250OCT	380/3/50	250	7.5	2400	DN40	DN40	150*2	DN250	3000*5300*4100	1950	9250
W06PH-300OCT	380/3/50	300	11.0	2800	DN40	DN40	150*2	DN250	3250*5550*4100	2350	10600
W06PH-350OCT	380/3/50	350	11.0	2800	DN40	DN40	150*2	DN250	3500*5800*4100	2420	11700
W06PH-400OCT	380/3/50	400	15.0	3000	DN40	DN50	150*4	DN300	3750*6050*4250	2730	13150
W06PH-450OCT	380/3/50	450	15.0	3000	DN50	DN50	150*4	DN300	4000*6300*4250	2850	14500
W06PH-500OCT	380/3/50	500	18.5	3000	DN50	DN50	150*4	DN300	4000*6300*4850	3250	14750

Notes:

- Design conditions: dry bulb temp. $\leq 31.5^{\circ}\text{C}$, wet bulb temp. $\leq 28^{\circ}\text{C}$, relative humidity $\leq 85\%$, elevation below $\leq 1000\text{m}$.
- Taking antifreeze measures when climate temperature below 0°C .
- All models, sizes, dimensions, and specifications are subject to change without prior notice, please refer to nameplates for the most accurate specifications

FRP Opened Cooling Towers

—— Working Principle ——

FRP out shell. The heated working fluid be sprayed to the PVC fills, and reacts with cold inlet air for heat transferring, then the heat is exhausted out of the tower by the fan, and the working fluid is collected back to the water tank for circulating.

—— The Key Advantages Include ——

- Compact Structure: There are no cooling coils inside the tower, so structure is compact, installation area is less.
- A wide range of applications: Withair® FRP Opened Cooling Tower is apply to small industry area and small cooling range($\Delta = 4-8\text{ }^{\circ}\text{C}$) which is not have more demands for the working fluid.
- Economic: The purchasing cost of equipment is much cheaper than steel type, but should notice the operating costs(water consumption, power consumption etc).
- High quality FRP: Ageing resistance, do not fade, anti-corrosion.

—— Technical Data(FRP Square Opened Cooling Tower) ——

Model	Power supply	Flow rate	Fan motor		Air flow	Water pressure	Dimension		Weight	
	V/P/Hz	m³/h	Power(kW)	Φ(mm)	CMM	kPa	Φ (mm)	H(mm)	Net(kg)	Workingt(kg)
W06PR-8OCT	380/3/50	7.8	0.2	600	85	13	945	1530	46	190
W06PR-12OCT	380/3/50	11.7	0.4	600	140	13	1195	1415	54	290
W06PR-16OCT	380/3/50	15.6	0.5	730	160	14	1195	1590	67	300
W06PR-20OCT	380/3/50	19.5	0.8	730	200	16	1400	1820	98	500
W06PR-25OCT	380/3/50	23.4	0.8	730	230	16	1650	1705	116	530
W06PR-30OCT	380/3/50	31.2	1.5	890	280	16	1650	1775	130	550
W06PR-40OCT	380/3/50	39.2	1.5	890	330	17	1830	1835	190	975
W06PR-46OCT	380/3/50	46.8	1.5	1150	420	17	2145	1955	240	1250
W06PR-62OCT	380/3/50	62.6	1.5	1150	450	18	2145	2035	260	1280
W06PR-78OCT	380/3/50	78.1	2.2	1410	700	21	2900	2370	500	1690
W06PR-98OCT	380/3/50	97.5	2.2	1410	830	23	2900	2555	540	1750
W06PR-118OCT	380/3/50	117.5	2.2	1410	950	23	2900	2555	580	1880
W06PR-137OCT	380/3/50	136.8	4.1	1750	1150	30	3110	2850	860	1960
W06PR-156OCT	380/3/50	156.2	4.1	1750	1250	30	3110	2850	880	2180
W06PR-175OCT	380/3/50	175.5	5.5	2050	1500	33	4120	3580	1050	2770
W06PR-195OCT	380/3/50	195.1	5.5	2050	1750	33	4120	3580	1080	3200
W06PR-235OCT	380/3/50	234.9	7.5	2350	2000	34	4730	3680	1760	3930
W06PR-273OCT	380/3/50	273.2	7.5	2350	2200	34	4730	3680	1800	4790
W06PR-312OCT	380/3/50	312.1	11.0	2745	2400	36	5600	3840	2840	5740
W06PR-392OCT	380/3/50	392.4	15.0	2745	2600	36	5600	3840	2900	5900
W06PR-468OCT	380/3/50	468.6	15.0	3400	3750	42	6600	4470	3950	9350
W06PR-547OCT	380/3/50	547.2	18.5	3400	3750	42	6600	4470	4050	9550
W06PR-626OCT	380/3/50	626.4	22.0	3700	5000	45	7600	4720	4700	11900
W06PR-781OCT	380/3/50	781.2	22.0	3700	5400	45	7600	4720	4900	12800

—— Technical Data （FRP Round Opened Cooling Tower ） ——

Model	Power supply	Flow rate	Fan motor		Water pressure	Dimension					Weight	
	V/P/Hz	m³/h	Power(kW)	Φ(mm)	kPa	L(mm)	W (mm)	H(mm)	H1(mm)	H2(mm)	Net(kg)	Workingt(kg)
W06PS-100OCT	380/3/50	100	2.2	1500	36	1980	3200	3700	2300	700	860	2260
W06PS-125OCT	380/3/50	125	3.0	1800	38	2320	3600	3700	2300	700	1080	2830
W06PS-150OCT	380/3/50	150	4.0	2100	38	2600	3800	3700	2300	700	1180	3550
W06PS-175OCT	380/3/50	175	4.0	2100	40	2930	3800	3700	2300	700	1300	3810
W06PS-200OCT	380/3/50	200	5.5	2400	40	3040	4300	3700	2300	700	1600	4020
W06PS-250OCT	380/3/50	250	6.0	1800	38	4640	3600	3700	2300	700	2050	5380
W06PS-300OCT	380/3/50	300	8.0	2100	38	5200	3800	3700	2300	700	2240	6750
W06PS-350OCT	380/3/50	350	8.0	2100	40	5860	3800	3700	2300	700	2470	7230
W06PS-400OCT	380/3/50	400	11.0	2400	40	6080	4300	3700	2300	700	3040	7650
W06PS-450OCT	380/3/50	450	12.0	2100	40	7800	3800	3700	2300	700	3360	9940
W06PS-500OCT	380/3/50	500	12.0	1800	42	9280	3600	3700	2300	700	3580	10950
W06PS-525OCT	380/3/50	525	12.0	2100	42	8790	3800	3700	2300	700	3710	11450
W06PS-600OCT	380/3/50	600	16.5	2400	42	9120	4300	3700	2300	700	4560	12500
W06PS-700OCT	380/3/50	700	18.0	2100	42	11720	3800	3700	2300	700	4940	15270
W06PS-800OCT	380/3/50	800	22.0	2400	42	12160	4300	3700	2300	700	6080	18200
W06PS-900OCT	380/3/50	900	24.0	2100	42	15600	3800	3700	2300	700	6730	19930
W06PS-1000OCT	380/3/50	1000	27.5	2400	42	15200	4300	3700	2300	700	7600	22500
W06PS-1200OCT	380/3/50	1200	33.0	2400	42	18240	4300	3700	2300	700	9210	24600

Notes:

1. Design conditions: dry bulb temp. $\leq 31.5^{\circ}\text{C}$, wet bulb temp. $\leq 28^{\circ}\text{C}$, relative humidity $\leq 85\%$, elevation below $\leq 1000\text{m}$.
2. Taking antifreeze measures when climate temperature below 0°C .
3. All models, sizes, dimensions, and specifications are subject to change without prior notice, please refer to nameplates for the most accurate specifications

—— Delivery & Packaging ——

- 100% test before delivering products.
- Products catalogue, installation & operation manual will be sent together.
- Tracking number will be sent to customer as soon as we ship the products.
- Item shipped in 25 working days against payment depends on the quantity.
- Four steps of pakacges, plastic film, foam, carton and plywood for stable transporation.
- Ocean shipping, railway shipment and air transportation are acceptable according to customer

Feel free to contact us to receive further information about our products and energy solutions.

Notes:

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Withair, your perfect partner for successful projects.



01/2017 - The technical data in this document are not binding.

Withair reserves the right to introduce at any time whatever modifications deemed necessary for improving the product.



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