

ThermoJinn



EVAPORATIVE CONDENSER

OJINN

FUZHOU TENGJIE FUTURE TECHNOLOGY CO., LTD

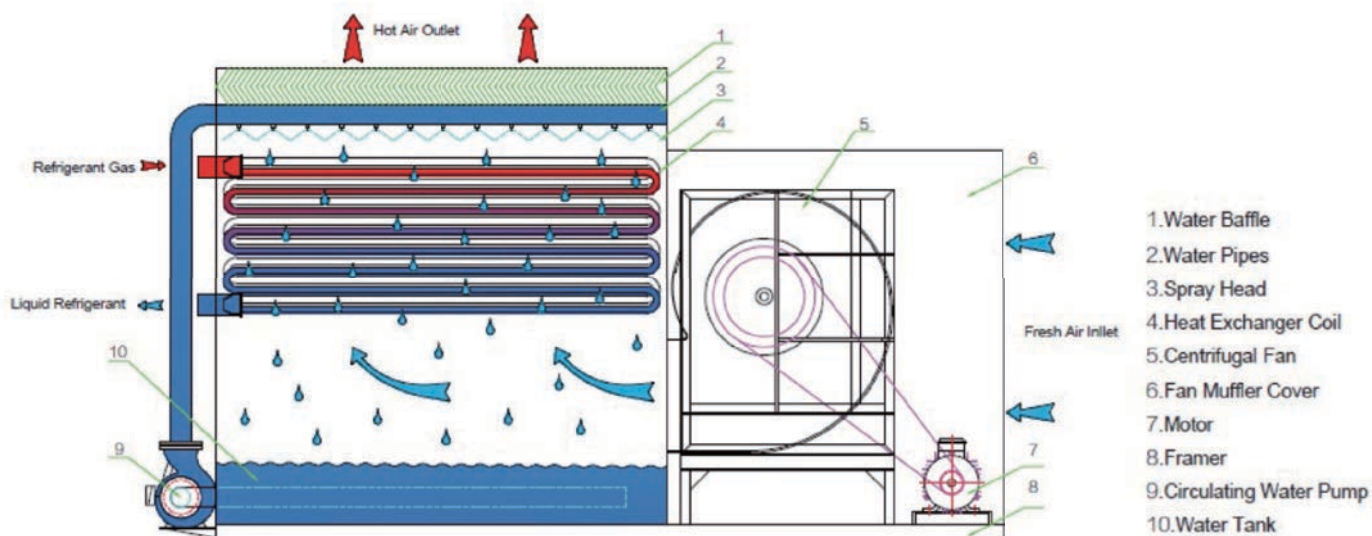
TLC SERIES CENTRIFUGAL EVAPORATIVE CONDENSER

TLC series Evaporative condenser adopts counter current centrifugal blowing design, and belt driven centrifugal fan is used at the side of the equipment for blowing, which has the characteristics of low noise and low height. It is a specially developed Evaporative condenser, which is convenient for container transportation. The Evaporative condenser of this series has a compact design, and the whole machine has been assembled before leaving the factory, saving transportation costs and current assembly costs.

Because of the special design, this series of Evaporative condensers can be installed inside or on the top of the container for easy movement. The belt drive part of the equipment can be easily maintained from the outside. The side of the body is provided with an access port, which can easily enter the equipment for maintenance, the daily maintenance is convenient.



TLC SERIES EVAPORATIVE CONDENSER WORKING PRINCIPLE DIAGRAM:



TLC SERIES EVAPORATIVE CONDENSER FEATURES:

- Modular design, small land occupation, easy installation and less initial investment.
- Efficient heat exchange coil, 2.5MPa air pressure test, safe and stable. The coil can be hot dip galvanized or stainless steel as required.
- Specially designed water spray system, with large flow, anti clogging, uniform coverage from multiple angles, and full heat exchange. Cooperate with the top water baffle for water recovery, with low drift rate and water conservation.
- The outer body of the equipment is made of 2.0mm aluminum zinc plate, or stainless steel plate. The section is treated with anti-corrosion treatment, with high strength and corrosion resistance.
- Centrifugal fan is adopted, with low noise and large air volume, which can be used indoors. The double speed motor can automatically adjust the speed according to the working conditions, with higher efficiency.
- PVC honeycomb water collector, with good heat exchange effect, anti-aging, easy maintenance and easy replacement.
- The circulating water pump of famous brand is adopted, with large flow, low power consumption and high reliability.
- High quality sealant, combined with special sealing technology, has good sealing effect, beautiful appearance and long sealing life.



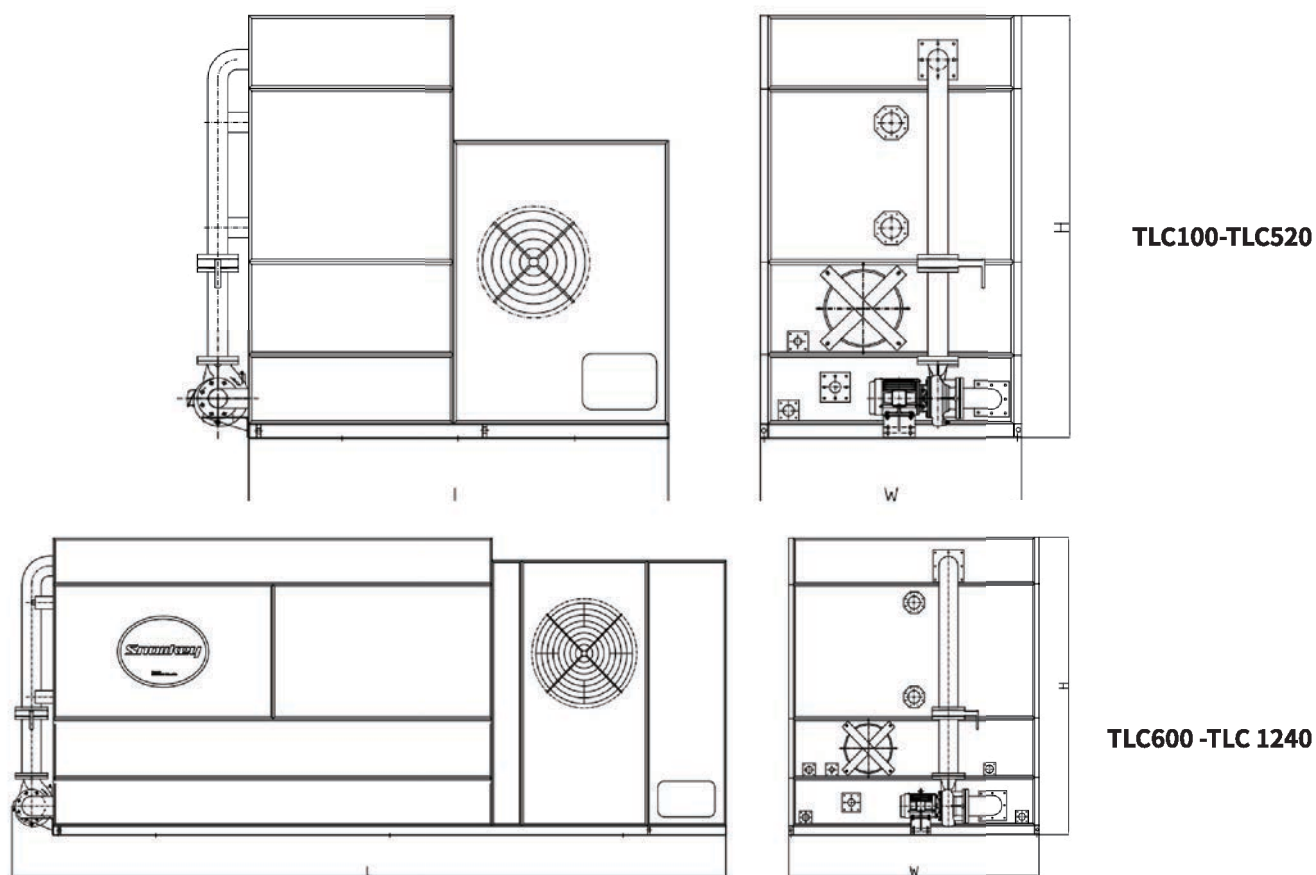
◆ TLC Series Evaporative Condenser Technical Parameter:

Model	Weight (kg)			Fan			Circulation Water Pump			Refrigerant charged (kg)	Water consumption (L/h)
	Heat Load (kw)	Net.W	Running.W	Air flow (m³/h)	Power (kw)	No.of Fans	Water flow (m³/h)	Power (kw)	No.of Pumps		
TLC-100	100	985	1545	12000	1.5/2.2	1	60	1.5	1	20	110.0
TLC-150	150	1140	1810	15000	2.2/2.8	1	60	1.5	1	25	166.0
TLC-230	230	1540	2230	17000	2.2/2.8	1	60	1.5	1	35	257.4
TLC-280	280	1840	2640	17000	2.2/2.8	1	60	1.5	1	40	313.8
TLC-320	320	1970	2845	27500	4.5/6.0	1	60	1.5	1	42	358.6
TLC-370	370	2180	3055	27500	4.5/6.0	1	75	2.2	1	45	412.4
TLC-450	450	2490	3650	28500	4.5/6.0	1	75	2.2	1	57	502.0
TLC-520	520	2545	3895	29800	4.5/6.0	1	75	2.2	1	60	580.0
TLC-600	600	2880	4410	38500	6.0/8.0	1	75	2.2	1	75	672.4
TLC-700	700	3110	4730	48000	6.0/8.0	1	75	2.2	1	82	786.0
TLC-750	750	3260	4910	48000	6.0/8.0	1	75	2.2	1	90	838.0
TLC-800	800	3825	5585	55000	7.5/10.0	1	114	2.2	1	112	896.4
TLC-850	850	3990	5860	59000	7.5/10.0	1	114	2.2	1	120	950.0
TLC-920	920	4310	6310	62000	7.5/10.0	1	114	2.2	1	135	1030.8
TLC-970	970	4520	6620	62000	7.5/10.0	1	114	2.2	1	140	1084.4
TLC-1020	1020	4700	6900	65000	9.0/12.0	1	130	2.2	1	145	1142.4
TLC-1070	1070	4990	7330	65000	9.0/12.0	1	130	2.2	1	152	1198.8
TLC-1120	1120	5140	7630	70000	9.0/12.0	1	130	2.2	1	160	1252.4
TLC-1240	1240	5320	7910	70000	9.0/12.0	1	130	2.2	1	170	1388.6

*TLC series Evaporative condenser suitable for R22/R404A/R507/R717 etc.

* Power supply 380V/3P/50HZ.

◆ **TLC Series Evaporative Condenser Outline Diagram:**



◆ **TLC Series Evaporative Condenser Dimension Parameter:**

Model	Dimension		
	L(mm)	W(mm)	H(mm)
TLC-100	2260.0	1400.0	2270.0
TLC-150	2680.0	1400.0	2270.0
TLC-230	2910.0	1700.0	2270.0
TLC-280	3040.0	1700.0	2270.0
TLC-320	3430.0	1700.0	2470.0
TLC-370	3610.0	1700.0	2470.0
TLC-450	3430.0	2200.0	2470.0
TLC-520	3660.0	2200.0	2470.0
TLC-600	4150.0	2200.0	2470.0
TLC-700	4260.0	2200.0	2470.0

Model	Dimension		
	L(mm)	W(mm)	H(mm)
TLC-750	4420.0	2200.0	2470.0
TLC-800	4600.0	2200.0	2470.0
TLC-850	4760.0	2200.0	2470.0
TLC-920	5030.0	2200.0	2470.0
TLC-970	5180.0	2200.0	2470.0
TLC-1020	5360.0	2200.0	2470.0
TLC-1070	5510.0	2200.0	2470.0
TLC-1120	5760.0	2200.0	2470.0
TLC-1240	5890.0	2200.0	2470.0

Note:

1. The overall dimensions of TLC series Evaporative condenser do not include the dimensions of circulating water pump.
2. The above are standard product sizes, can be designed separately according to customer needs.
3. The overall dimensions are subject to change without notice due to product improvement.

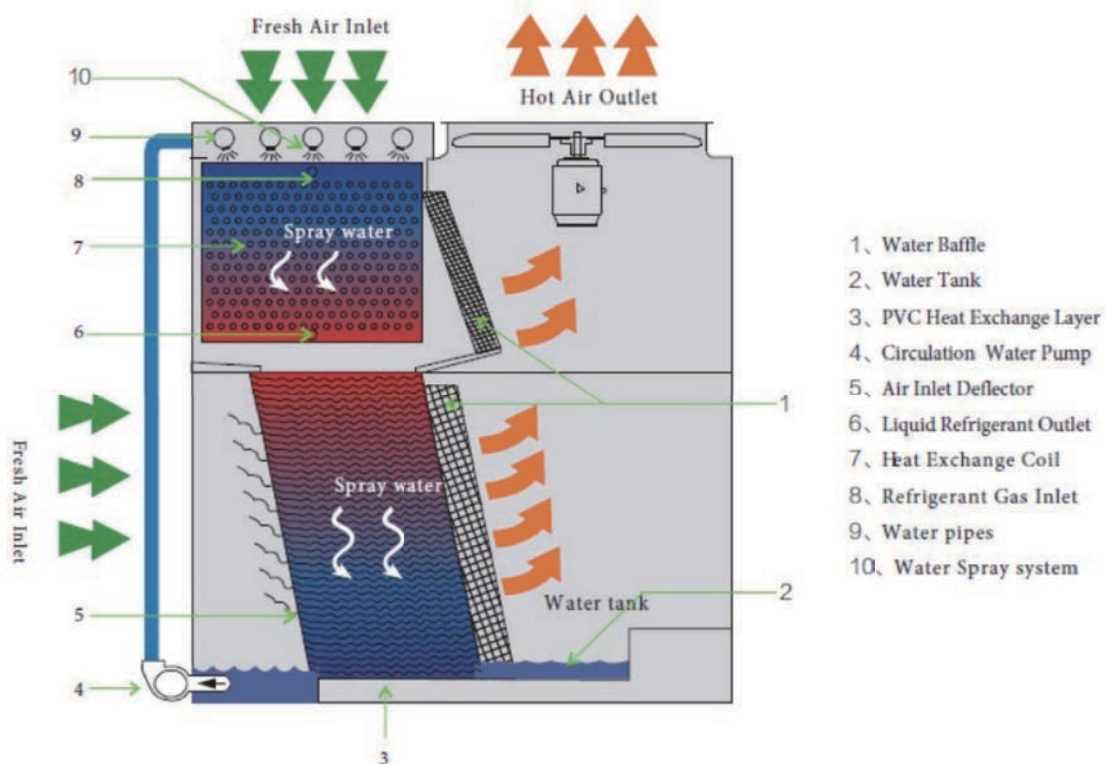
TEC SERIES EVAPORATIVE CONDENSER

TEC series Evaporative condenser adopts the suction type design, one-way air inlet and downstream mode, and the composite structure of top mounted axial flow fan and secondary PVC heat exchange filler. It is one of the most ideal energy-saving and environment-friendly condensing equipment at present. TEC series equipment has larger size and wider application scope. It is generally used in systems with large heat exchange in chemical industry, steel, coal, medicine, food processing and other fields.

TEC series Evaporative condenser is equipped with simple ladders outside and maintenance channels inside. The maintenance personnel can easily and quickly replace the water baffle, PVC heat exchange filler, etc., and also facilitate the detection and maintenance of the fan motor.



TEC SERIES EVAPORATIVE CONDENSER WORKING PRINCIPLE DIAGRAM:



TEC SERIES EVAPORATIVE CONDENSER FEATURES:

- Modular design, small land occupation, easy installation and less initial investment.
- Efficient heat exchange coil, 2.5MPa air pressure test, safe and stable. The coil can be hot dip galvanized or stainless steel as required.
- Specially designed water spray system, with large flow, anti clogging, uniform coverage from multiple angles, and full heat exchange. Cooperate with the top water baffle for water recovery, with low drift rate and water conservation.
- The outer body of the equipment is made of 2.0mm aluminum zinc plate, or stainless steel plate. The section is treated with anti-corrosion treatment, with high strength and corrosion resistance.
- TEC series evaporative condenser axial flow fans are composed of corrosion-resistant aluminum alloy central control injection molding blades. The fan is installed in the air duct with streamline inlet. The air is discharged through the air duct. The top clearance volume is small, which greatly improves the fan efficiency.
- PVC honeycomb water collector, with good heat exchange effect, anti-aging, easy maintenance and easy replacement.
- The circulating water pump of famous brand is adopted, with large flow, low power consumption and high reliability.
- High quality sealant, combined with special sealing technology, has good sealing effect, beautiful appearance and long sealing life.



◆ TEC Series Evaporative Condenser Technical Parameter:

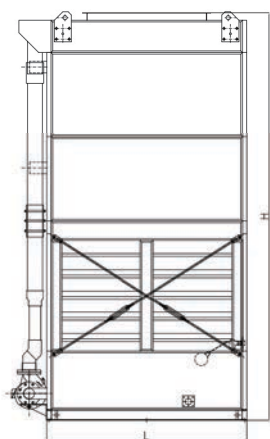
Model	Weight (kg)			Fan		Circulation Water Pump		Refrigerant charged (kg)
	Heat Load (kw)	Net.W	Running.W	Air flow (m³/h)	Power (kw)	Water flow (m³/h)	Power (kw)	
TEC-320	320	2390	3410	41000	3.0	60	1.5	30
TEC-345	345	2420	3440	50000	4.0	60	1.5	31
TEC-365	365	2430	3610	55000	5.5	60	1.5	39
TEC-385	385	2580	3630	50000	4.0	60	1.5	40
TEC-400	400	2560	3620	55000	5.5	60	1.5	40
TEC-505	505	3410	5120	41000-41000	3.0-3.0	75	2.2	46
TEC-530	530	3420	5130	50000-50000	4.0-4.0	75	2.2	47
TEC-565	565	3440	5120	55000-50000	5.5-4.0	75	2.2	48
TEC-590	590	3660	5280	50000-50000	4.0-4.0	75	2.2	58
TEC-635	635	3680	5280	55000-50000	5.5-4.0	75	2.2	58
TEC-660	660	4200	6330	50000-50000	4.0-4.0	130	3.7	60
TEC-710	710	4220	6340	55000-50000	5.5-4.0	130	3.7	60
TEC-745	745	4240	6360	55000-55000	5.5-5.5	130	3.7	62
TEC-795	795	4510	6670	55000-50000	5.5-4.0	130	3.7	77
TEC-835	835	4530	6690	55000-55000	5.5-5.5	130	3.7	77
TEC-895	895	4590	6990	55000-50000	5.5-4.0	130	3.7	78
TEC-920	920	4620	7020	55000-55000	5.5-5.5	130	3.7	78
TEC-990	990	5000	7470	60000-60000	4.0-4.0	170	3.7	92
TEC-1035	1035	5010	7480	75000-75000	5.5-5.5	170	3.7	92

TEC-1160	1160	5090	7590	75000-75000	5.5-5.5	170	3.7	137
TEC-1195	1195	5460	7990	75000-75000	5.5-5.5	170	3.7	115
TEC-1205	1205	5480	8010	78000-75000	7.5-5.5	170	3.7	137
TEC-1220	1220	5850	8050	60000-60000	4.0-4.0	170	3.7	125
TEC-1240	1240	5920	8090	78000-75000	7.5-5.5	170	3.7	115
TEC-1245	1245	5990	8920	78000-78000	7.5-7.5	170	3.7	135
TEC-1255	1255	6040	9080	60000-60000	4.0-4.0	170	3.7	148
TEC-1275	1275	6090	9130	78000-78000	7.5-7.5	170	3.7	115
TEC-1280	1280	6180	9080	75000-75000	5.5-5.5	170	3.7	125
TEC-1320	1320	6360	9430	75000-75000	5.5-5.5	170	3.7	146
TEC-1335	1335	6240	9530	78000-75000	7.5-5.5	170	3.7	125
TEC-1370	1370	6380	9650	78000-75000	7.5-5.5	170	3.7	146
TEC-1410	1410	6390	9660	78000-78000	7.5-7.5	170	3.7	146
TEC-1455	1455	7110	10840	75000-75000-75000	5.5-5.5-5.5	240	5.5	150
TEC-1525	1525	7130	10850	75000-78000-75000	5.5-7.5-5.5	240	5.5	150
TEC-1585	1585	7180	10900	78000-75000-78000	7.5-5.5-7.5	240	5.5	150
TEC-1635	1635	7190	10910	78000-78000-78000	7.5-7.5-7.5	240	5.5	150
TEC-1670	1670	8440	12350	75000-75000-75000	5.5-5.5-5.5	240	5.5	150
TEC-1705	1705	8450	11630	75000-78000-75000	5.5-7.5-5.5	240	5.5	200
TEC-1760	1760	8460	12400	75000-78000-75000	5.5-7.5-5.5	240	5.5	170
TEC-1775	1775	8480	12440	78000-75000-78000	7.5-5.5-7.5	240	5.5	202
TEC-1795	1795	8490	12450	75000-75000-75000	5.5-5.5-5.5	240	5.5	183
TEC-1825	1825	8500	12460	78000-78000-78000	7.5-7.5-7.5	240	5.5	170
TEC-1840	1840	8530	12490	78000-75000-78000	7.5-5.5-7.5	240	5.5	170
TEC-1845	1845	8540	12500	75000-75000-75000	5.5-5.5-5.5	240	5.5	217
TEC-1875	1875	8560	12560	78000-78000-78000	7.5-7.5-7.5	240	5.5	200
TEC-1885	1885	8590	13610	75000-78000-75000	5.5-7.5-5.5	240	5.5	183
TEC-1945	1945	9160	13900	75000-78000-75000	5.5-7.5-5.5	240	5.5	217
TEC-1960	1960	9180	14100	78000-75000-78000	7.5-5.5-7.5	240	5.5	185
TEC-2020	2020	9230	14140	78000-78000-78000	7.5-7.5-7.5	240	5.5	185
TEC-2035	2035	9260	14180	78000-78000-78000	7.5-7.5-7.5	240	5.5	217
TEC-2075	2075	9270	14190	78000-78000-78000	7.5-7.5-7.5	240	5.5	218
TEC-2490	2490	10680	16120	78000-78000-78000	7.5-7.5-7.5	270	7.5	278

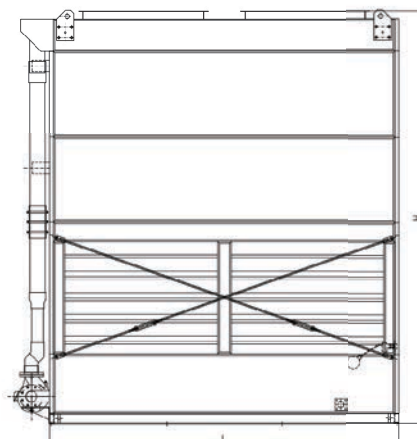
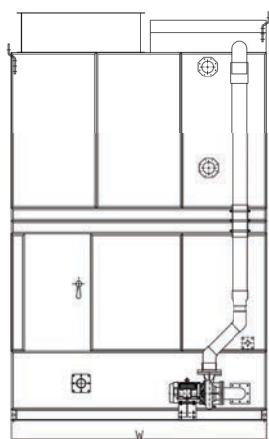
*TEC series Evaporative condenser suitable for R22/R404A/R507/R717 etc.

* Power supply 380V/3P/50HZ.

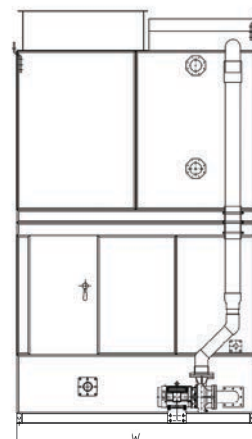
◆ TEC Series Evaporative Condenser Outline Diagram:

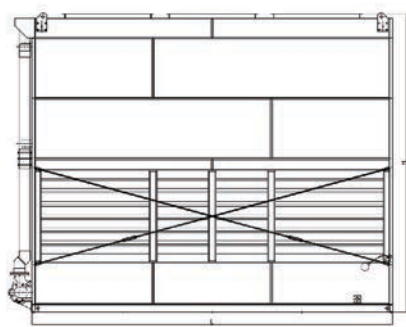
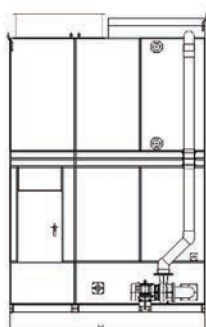


TEC320-TEC400



TEC505-TEC1410




TEC1455 -TEC 1875

TEC1885 -TEC 2490

◆ **TEC Series Evaporative Condenser Dimension Parameter:**

Model	Dimension		
	L(mm)	W(mm)	H(mm)
TEC-320	1870	2400	3830
TEC-345	1870	2400	3830
TEC-365	1870	2400	3830
TEC-385	1870	2400	3830
TEC-400	1870	2400	3830
TEC-505	2790	2400	3830
TEC-530	2790	2400	3830
TEC-565	2790	2400	3830
TEC-590	2790	2400	3830
TEC-635	2790	2400	3830
TEC-660	3700	2400	4570
TEC-710	3700	2400	4570
TEC-745	3700	2400	4570
TEC-795	3700	2400	4570
TEC-835	3700	2400	4570
TEC-895	3700	2400	4570
TEC-920	3700	2400	4570
TEC-990	3700	3000	4570
TEC-1035	3700	3000	4570
TEC-1090	3700	3000	4570
TEC-1115	3700	3000	4570
TEC-1135	3700	3000	4570
TEC-1160	3700	3000	4570
TEC-1195	3700	3000	4570
TEC-1205	3700	3000	4570
TEC-1220	3700	3205	4570
TEC-1255	3700	3205	4570
TEC-1240	3700	3205	4570

Model	Dimension		
	L(mm)	W(mm)	H(mm)
TEC-1245	3700	2995	4570
TEC-1275	3700	2995	4570
TEC-1280	3700	3205	4570
TEC-1320	3700	3205	4570
TEC-1335	3700	3205	4570
TEC-1370	3700	3205	4570
TEC-1410	3700	3205	4570
TEC-1455	5530	3000	4570
TEC-1525	5530	3000	4570
TEC-1585	5530	3000	4570
TEC-1635	5530	3000	4570
TEC-1670	5530	3000	4570
TEC-1705	5530	3000	4570
TEC-1760	5530	3000	4570
TEC-1775	5530	3000	4570
TEC-1795	5530	3205	4570
TEC-1825	5530	3205	4570
TEC-1840	5530	3205	4570
TEC-1845	5530	3205	4570
TEC-1875	5530	3205	4570
TEC-1885	5530	3205	4570
TEC-1945	5530	3205	4570
TEC-1960	5530	3205	4570
TEC-2020	5530	3205	4570
TEC-2035	5530	3205	4570
TEC-2075	5530	3205	4570
TEC-2490	5530	3205	4570

Note:

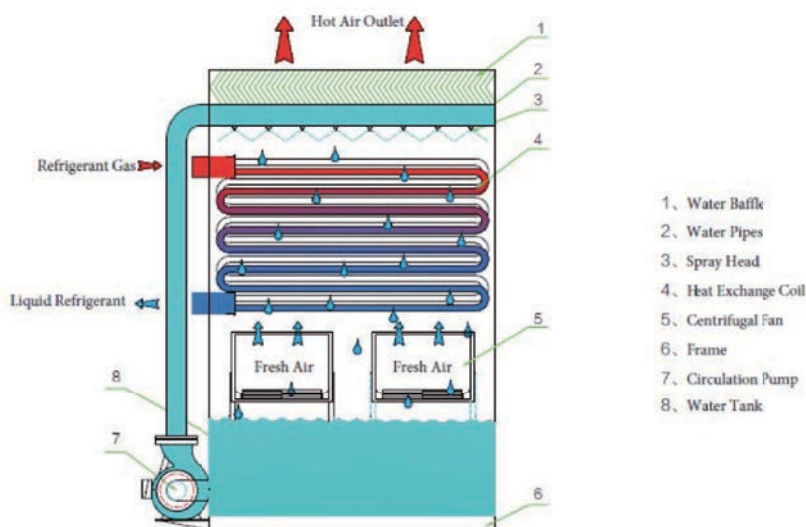
1. The overall dimensions of TEC series Evaporative condenser do not include the dimensions of circulating water pump.
2. The above are standard product sizes, can be designed separately according to customer needs.
3. The overall dimensions are subject to change without notice due to product improvement.

TVC SERIES EVAPORATIVE CONDENSER

TVC series Evaporative condenser adopts the centrifugal blower design. The centrifugal fan is installed at the bottom of the equipment and integrated with the water tank. The belt drive system is used to reduce the noise of the Evaporative condenser. It is suitable for noise sensitive occasions. The centrifugal fan can eliminate the static pressure loss, and is suitable for indoor installation. The special structural design is also suitable for container transportation. Modular design makes maintenance easy. The shell plates on both sides of the fan can be disassembled for maintenance of the entire belt drive system.

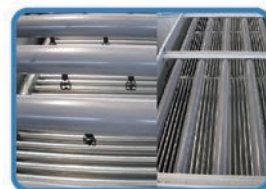


TVC SERIES EVAPORATIVE CONDENSER WORKING PRINCIPLE DIAGRAM:



TVC SERIES EVAPORATIVE CONDENSER FEATURES:

- Modular design, small land occupation, easy installation and less initial investment.
- Efficient heat exchange coil, 2.5MPa air pressure test, safe and stable. The coil can be hot dip galvanized or stainless steel as required.
- Specially designed water spray system, with large flow, anti clogging, uniform coverage from multiple angles, and full heat exchange. Cooperate with the top water baffle for water recovery, with low drift rate and water conservation.
- The outer body of the equipment is made of 2.0mm aluminum zinc plate, or stainless steel plate. The section is treated with anti-corrosion treatment, with high strength and corrosion resistance.
- Centrifugal fan is adopted, with low noise and large air volume, which can be used indoors. The double speed motor can automatically adjust the speed according to the working conditions, with higher efficiency.
- PVC honeycomb water collector, with good heat exchange effect, anti-aging, easy maintenance and easy replacement.
- The circulating water pump of famous brand is adopted, with large flow, low power consumption and high reliability.
- High quality sealant, combined with special sealing technology, has good sealing effect, beautiful appearance and long sealing life.



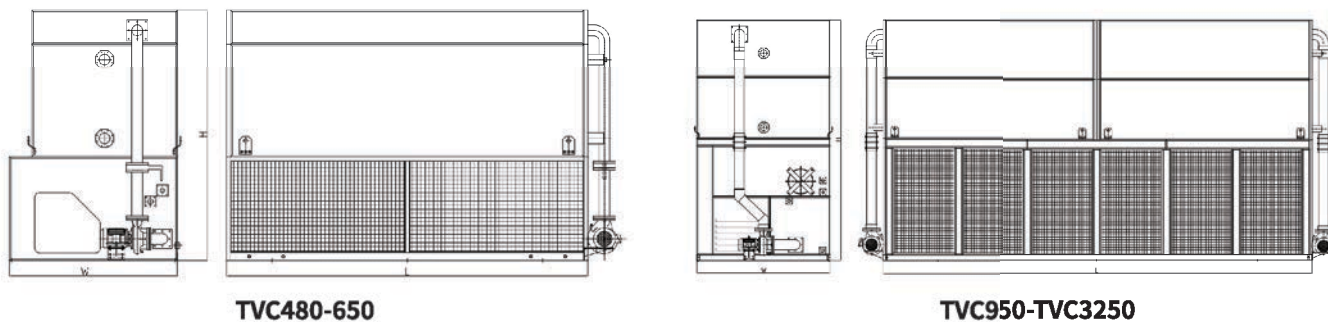
◆ TVC Series Evaporative Condenser Technical Parameter:

Model	Weight (kg)			Fan			Circulation Water Pump			Refrigerant charged (kg)	Water consumption (L/h)
	Heat Load (kw)	Net.W	Running.W	Air flow (m³/h)	Power (kw)	No.of Fans	Water flow (m³/h)	Power (kw)	No.of Pumps		
TVC-480	480	2290	3820	36000	4.0	2	60	1.5	1	63	538.0
TVC-650	650	2530	4090	40000	4.0	2	60	1.5	1	79	726.0
TVC-950	950	4970	6740	74000	9.0/12.0	2	114	2.2	1	115	1062.0
TVC-1080	1080	5210	7210	78000	5.5	2	130	2.2	1	135	1208.0
TVC-1150	1150	5310	7310	84000	5.5	2	130	2.2	1	145	1288.0
TVC-1195	1195	5600	7580	84000	5.5	2	130	2.2	1	159	1338.0
TVC-1410	1410	5830	7760	90000	5.5	2	130	2.2	1	163	1579.0
TVC-1570	1570	6570	8840	95000	7.5	2	130	2.2	1	185	1759.0
TVC-1850	1850	7510	11810	140000	7.5	2	170	3.7	1	197	2070.0
TVC-2050	2050	8910	13000	140000	5.5/11.0	2	192	5.5	1	245	2294.0
TVC-2450	2450	11180	14600	140000	5.5/11.0	2	192	5.5	1	317	2746.0
TVC-2950	2950	12740	16500	190000	11.0	2	130	2.2	1	380	3302.0
TVC-3250	3250	13500	17500	220000	15.0	2	130	2.2	1	396	3630.0

*TVC series Evaporative condenser suitable for R22/R404A/R507/R717 etc.

* Power supply 380V/3P/50HZ.

◆ TVC Series Evaporative Condenser Outline Diagram:



◆ TVC Series Evaporative Condenser Dimension Parameter

Model	Dimension		
	L(mm)	W(mm)	H(mm)
TVC-480	3600	1680	2500
TVC-650	3600	1680	2500
TVC-950	3600	2200	3570
TVC-1080	3600	2200	3570
TVC-1150	3750	2200	3570
TVC-1195	3760	2200	3770
TVC-1410	3900	2200	3770

Model	Dimension		
	L(mm)	W(mm)	H(mm)
TVC-1570	3950	2200	3770
TVC-1850	5150	2200	3770
TVC-2050	5250	2200	3770
TVC-2450	5460	2200	4000
TVC-2950	6610	2200	4000
TVC-3250	7150	2200	4000

Note:

1. The overall dimensions of TVC series Evaporative condenser do not include the dimensions of circulating water pump.
2. The above are standard product sizes, can be designed separately according to customer needs.
3. The overall dimensions are subject to change without notice due to product improvement.

■ THERMOJINN EVAPORATIVE CONDENSER MANUFACTURING, DELIVERY AND INSTALLATION



THERM

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