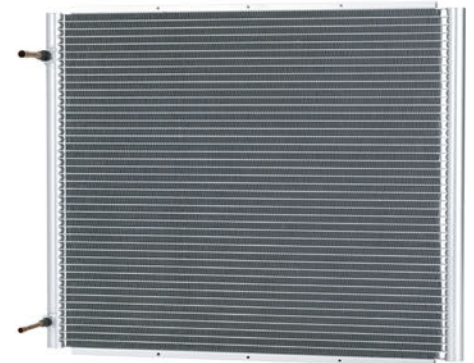


### Comparing with traditional fin and tube coils:

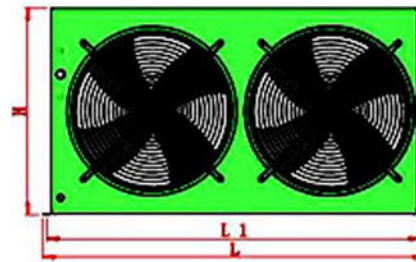
- 60% reduction in weight due to compact all Aluminum design that has a high strength to weight ratio.
- 70% lower refrigerant charge and 60% lower weight reduces overall system and shipping costs.
- 100% aluminum construction makes the cost less vulnerable to raw material price fluctuations. Being made from a single metal, they are more resistant to galvanic corrosion than traditional copper coils.
- High thermal performance resulting from brazed connection between tubes and fins and smaller channels for the refrigerant flow.



There exist temperature difference in different latitudes and regions. Condenser area is different even if cooling capacity is same. In order to get correct and right condenser, we need buyer provide the following parameters:

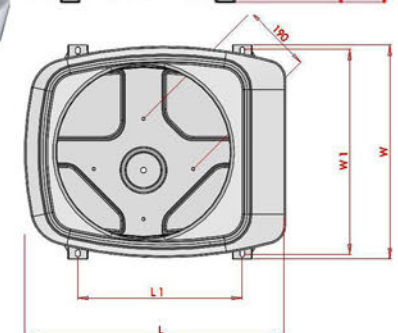
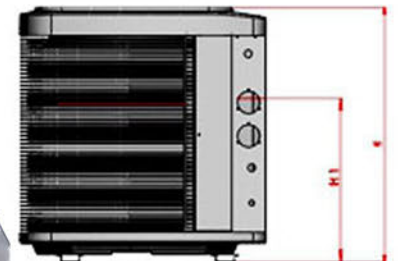
Refrigerant Side			Air Side		
Refrigerant Type			EBD	(32)	°C
Inlet Temp. (Comp. Dis. Temp.)	(110~130)	°C	Humidity		%
Cond. Temp.	(45)	°C	Air flow		m3/h
SuperCooling	(5)	K	Heat exchanger		KW

## Side Discharge Heat Exchanger

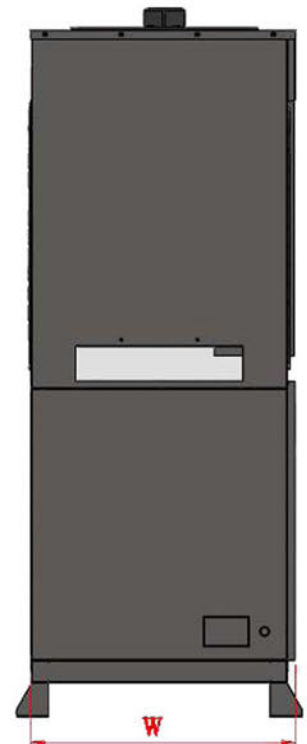
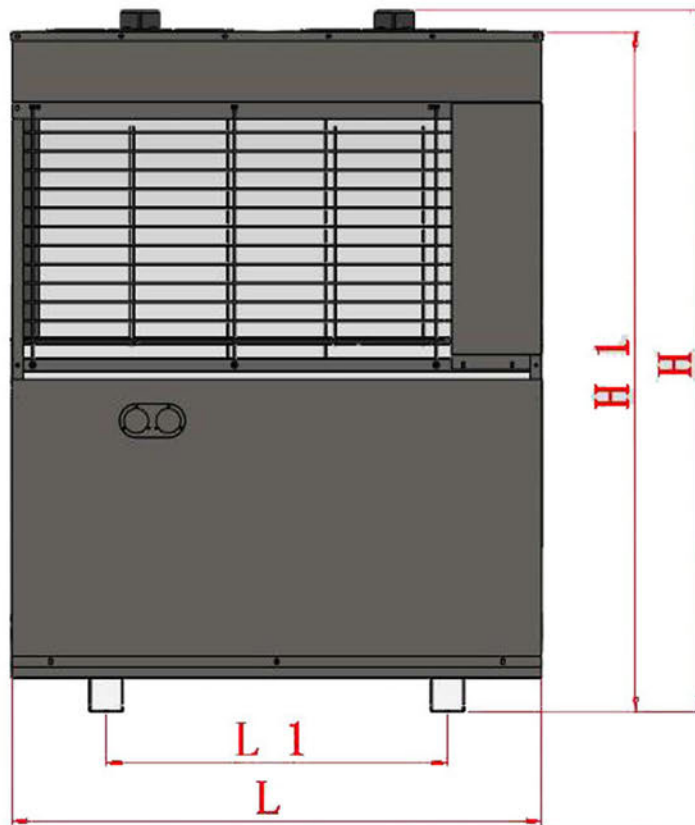


Model	Heat transfer	fan	air flow (m3/h)	inlet (mm)	outlet (mm)	Installing Dimensions(mm)					
	(kw)					L	W	W1	H	L1	Hole
MCC8	8	∅ 400	3200	∅ 15.88	∅ 15.88	596.6	170	300	527	566.6	9×15
MCC11	11	∅ 450	4000	∅ 15.88	∅ 15.88	646.6	170	300	577	616.6	9×15
MCC14	14	∅ 500	5400	∅ 19.05	∅ 15.88	696.6	170	300	627	666.6	9×15
MCC19	19	∅ 550	7800	∅ 19.05	∅ 15.88	746.6	170	300	677	716.6	9×15
MCC24	24	∅ 550	9750	∅ 25.00	∅ 15.88	976.6	170	300	817	946.6	9×15
MCC30	30	∅ 500×2	10800	∅ 25.00	∅ 19.05	1250.6	170	300	677	1220.6	9×15
MCC41	41	∅ 500×2	10800	∅ 25.00	∅ 19.05	1396.6	170	300	787	1366.6	9×15
MCC45	45	∅ 550×2	14600	∅ 25.00	∅ 19.05	1570.6	170	300	787	1540.6	9×15
MCC55	55	∅ 600×2	19500	∅ 28.00	∅ 22.00	1746.6	170	300	887	1716.6	9×15

## U Type Heat Exchanger



Model	Heat transfer	Fan	Air flow (m3/h)	inlet (mm)	outlet (mm)	H	Blade height	W	L	L1	W1	Hole
	(kw)											
MCU9	9.5	∅ 450	4800	∅ 12.7	∅ 12.7	703	465	568	701	445	545	12×20
MCU13	13	∅ 450	4800	∅ 15.88	∅ 12.7	703	465	568	701	445	545	12×20
MCU17	17	∅ 450	4800	∅ 15.88	∅ 12.7	703	465	568	701	445	545	12×20
MCU23	23.2	∅ 550	7000	∅ 22	∅ 15.88	860	600	760	888.5	595	720	12×20
MCU27	27	∅ 550	7000	∅ 22	∅ 15.88	860	600	760	888.5	595	720	12×20
MCU33	33	∅ 550	8500	∅ 28	∅ 19.05	1000	740	760	888.5	595	720	12×20



Model	Heat transfer	Air flow	Rated speed	Dia (mm)	power (w)	Voltage (V)	inlet	outlet	Installing Dimensions(mm)				
	(kw)	(m3/h)	(r/min)				(mm)	(mm)	L	H	W	L1	H1
MCV50	50	17440	1330	∅ 550*2	600	380	∅ 32	∅ 25	1320	1850	700	815	1805
MCV58	58	21640	1350	∅ 600*2	780	380	∅ 32	∅ 25	1410	1850	700	905	1805
MCV70	70	24400	1320	∅ 630*2	800	380	∅ 32	∅ 28	1600	1960	700	1095	1915
MCV94	94	32460	1350	∅ 600*3	780	380	∅ 42	∅ 28	2020	1960	700	1415	1915
MCV115	115	36600	1320	∅ 630*3	800	380	∅ 42	∅ 28	2320	1960	700	1815	1915