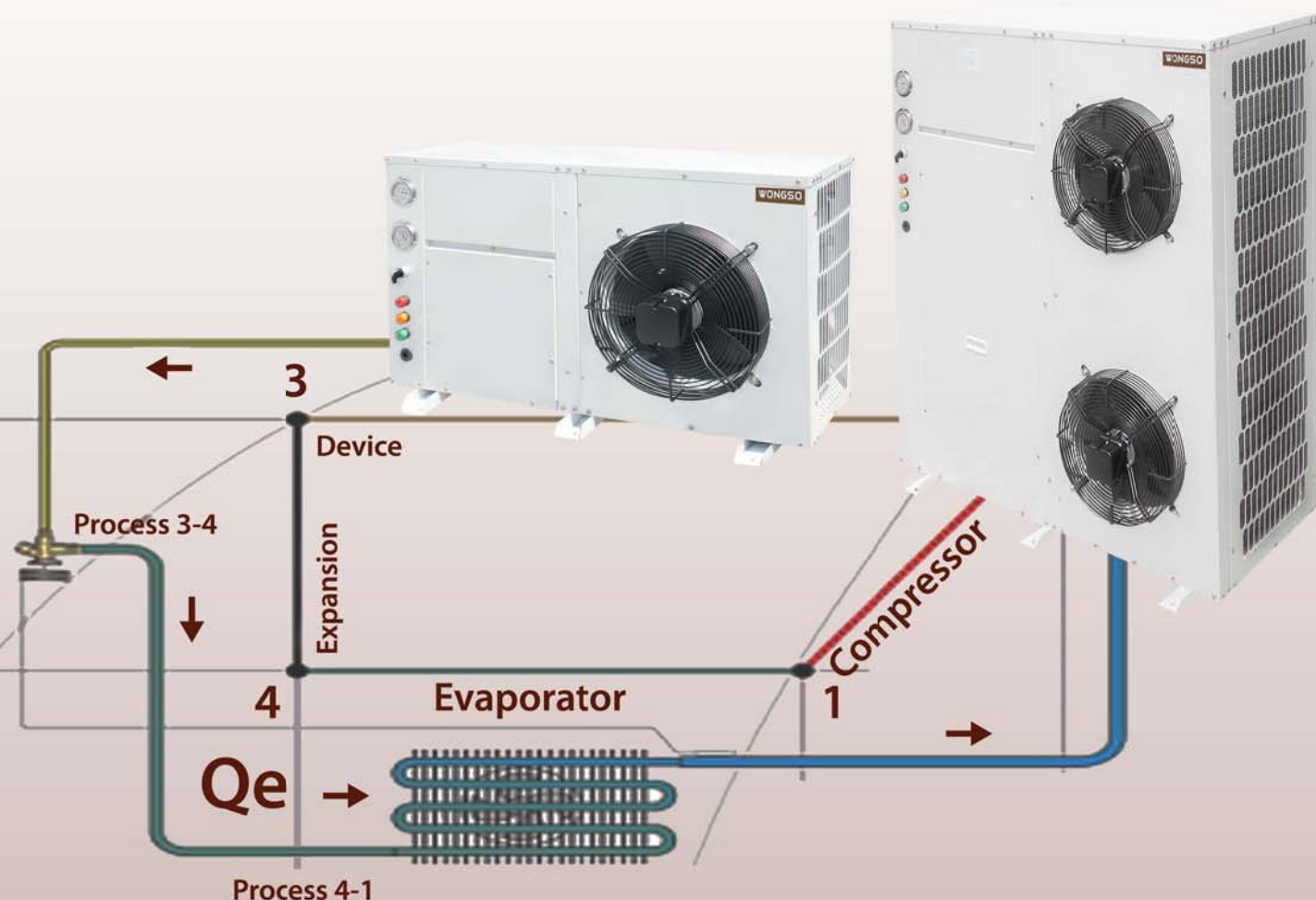


# WONGSO

COMMERCIAL CONDENSING UNIT

## WCCU SERIES

Process 1-3



Made with the best quality and high standard of quality control, **WONGSO** introduces a new product "**WCCU SERIES**" commercial condensing unit combine with efficiency and reliability with easy installation and maintenance.

**WONGSO "WCCU SERIES"** has been designed for low and medium temperature commercial refrigeration customer's requirement



# WCCU SERIES

## Reciprocating Commercial Condensing Unit

Model	Compressor			Coil Vol. (L)	Airflow (m <sup>3</sup> /hr)	Fan Motors		Connections		Receiver vol. (L)	Net Weight (kg)	Noise dB(A)**	Dimension (mm)		
	Type	Operating Current (A)	LRC (A)			No.	FLC (A)	Suction	Liquid				Width	Depth	Height
WCCU-0050	SC15	3	18.4	1.9	1910	1	0.6	3/8	1/4	1.2	46	29	887	430	489
WCCU-0100	SC18	4.3	23.4	1.9	1910	1	0.6	3/8	1/4	1.2	46	29	887	430	489
WCCU-0150	MTZ18-5VM	6.6	40	1.5	3040	1	0.6	1/2	3/8	4.6	82	37	1109	478	649
WCCU-0150	MTZ18-4VM	2.7	20	1.5	3040	1	0.6	1/2	3/8	4.6	82	37	1109	478	649
WCCU-0225	MTZ28-5VM	11	51	3.1	2620	1	0.6	1/2	3/8	4.6	89	36	1109	478	649
WCCU-0225	MTZ28-4VM	4	23	3.1	2620	1	0.6	1/2	3/8	4.6	89	36	1109	478	649
WCCU-0300	MTZ36-5VM	15.2	60	3.1	2620	1	0.6	5/8	3/8	4.6	89	37	1109	478	649
WCCU-0300	MTZ36-4VM	4.9	30	3.1	2620	1	0.6	5/8	3/8	4.6	89	37	1109	478	649
WCCU-0400	MTZ50-4VM	6.5	42	4.7	6050	1	1.1	7/8	1/2	7.6	120	37	1335	529	884
WCCU-0500	MTZ64-4VM	8.3	67	4.7	6050	1	1.1	7/8	1/2	7.6	120	40	1335	529	884
WCCU-0600	MTZ72-4VM	8.7	80	7.6	5180	1	1.1	7/8	1/2	7.6	126	40	1335	529	884
WCCU-0675	MTZ81-4VM	10.3	80	7.6	5180	1	1.1	1 1/8	1/2	7.6	126	42	1335	529	884
WCCU-0825	MTZ100-4VM	12.4	90	6.9	6770	2	1.6	1 1/8	1/2	14	205	42	1258	590	1436
WCCU-1000	MTZ125-4VM	14.3	105	6.9	6770	2	1.6	1 1/8	1/2	14	205	42	1258	590	1436
WCCU-0075	SC18	3.8	23.5	1.9	1910	1	0.6	3/8	1/4	1.2	46	30	887	430	489
WCCU-0175	NTZ48-5VM	5.9	37	1.5	3040	1	0.6	5/8	3/8	4.6	86	35	1109	478	649
WCCU-0175	NTZ48-4VM	2.6	16	1.5	3040	1	0.6	5/8	3/8	4.6	86	35	1109	478	649
WCCU-0225	NTZ68-5VM	10.8	53	3.1	2620	1	0.6	5/8	3/8	4.6	92	38	1109	478	649
WCCU-0225	NTZ68-4VM	4.1	25	3.1	2620	1	0.6	5/8	3/8	4.6	92	38	1109	478	649
WCCU-0350	NTZ96-4VM	4.3	32	5	6050	1	1.1	7/8	1/2	7.6	125	38	1335	529	884
WCCU-0400	NTZ136-4VM	7.5	51	5	6050	1	1.1	1 1/8	1/2	7.6	125	38	1335	529	884
WCCU-0725	NTZ215-4VM	9.8	74	6.9	6770	2	1.6	1 1/8	1/2	14	203	41	1258	590	1436
WCCU-0825	NTZ271-4VM	12.8	96	6.9	6770	2	1.6	1 1/8	1/2	14	203	40	1258	590	1436

① Maximum Continuous Current

\* Sound Pressure Level@10 M free field at (-10/+32 °C) MT & (-25/+32 °C) LT conditions. Alternative conditions may produce different results.

### Medium Temperature Performance Data

Model	HP (R404a)	TE	TA	Cooling Capacity (Watts)						
				-25	-20	-15	-10	-5	0	5
WCCU-0050	0.5	27	-	746	915	1115	1348	1613	1910	
			32	572	737	936	1166	1430	1729	
			38	420	584	779	1007	1267	1560	
WCCU-0100	0.95	27	-	1136	1419	1740	2098	2495	2928	
			32	1064	1305	1589	1916	2285	2698	
			38	933	1145	1400	1697	2038	2421	
WCCU-0150	1.5	27	1033	1438	1914	2459	3073	3758	4513	
			32	900	1269	1708	2217	2796	3444	4163
			38	730	1061	1457	1917	2441	3030	3684
WCCU-0225	2.25	27	1851	2517	3258	4074	4967	5933	6976	
			32	1603	2230	2933	3710	4563	5491	6495
			38	1390	1963	2602	3303	4071	4902	5799
WCCU-0300	3	27	2479	3264	4161	5172	6295	7531	8881	
			32	2279	3026	3882	4844	5915	7092	8377
			38	2009	2737	3563	4484	5503	6618	7830
WCCU-0400	4	27	3491	4693	6095	7696	9495	11494	13691	
			32	3118	4218	5518	7017	8714	10610	12705
			38	2668	3665	4840	6191	7721	9427	11311
WCCU-0500	5	27	4607	5973	7559	9365	11393	13640	16108	
			32	4152	5421	6912	8623	10554	12705	15078
			38	3598	4801	6181	7739	9474	11386	13476
WCCU-0600	6	27	4949	6532	8325	10326	12539	14960	17591	
			32	4495	5986	7676	9564	11652	13938	16424
			38	3908	5314	6877	8595	10469	12499	14686
WCCU-0675	6.75	27	5503	7263	9212	11348	13673	16185	18887	
			32	4937	6626	8476	10488	12660	14994	17489
			38	4365	5962	7688	9544	11528	13642	15884
WCCU-0825	8.25	27	5961	8027	10320	12838	15582	18551	21747	
			32	5356	7327	9488	11836	14373	17097	20010
			38	4675	6496	8485	10639	12961	15449	18104
WCCU-1000	10	27	8287	10547	13001	15648	18489	21523	24751	
			32	7451	9697	12060	14543	17143	19862	22699
			38	6617	8678	10868	13174	15608	18164	-

TE : Evaporating Temperature ( °C )  
Rating Condition Based On EN13215

TA : Ambient Temperature ( °C )

Refrigeration Correction Factor				
R404a	R507c	R22	R134a	R407c
1	1	0.95	0.91	0.86

### Low Temperature Performance Data

Model	HP (R404a)	TE	TA	Cooling Capacity (Watts)				
				-40	-35	-30	-25	-20
WCCU-0075	0.75	27	-	392	538	699	876	1070
			32	311	449	604	775	962
			38	225	354	499	660	837
WCCU-0175	1.75	27	-	793	1130	1499	1900	2333
			32	691	1018	1373	1753	2162
			38	529	860	1217	1602	2012
WCCU-0225	2.25	27	-	1347	1847	2389	2975	3602
			32	1224	1685	2197	2765	3385
			38	1093	1516	2008	2570	3202
WCCU-0350	3.5	27	-	1619	2302	3119	4070	5156
			32	1346	1983	2760	3677	4732
			38	1161	1723	2442	3316	4347
WCCU-0400	4	27	-	2531	3440	4477	5645	6940
			32	2174	3036	4039	5183	6465
			38	1880	2682	3651	4786	6088
WCCU-0725	7.25	27	-	3746	5071	6513	8074	9753
			32	3300	4563	5965	7508	9189
			38	2755	3995	5390	6941	8648
WCCU-0825	8.25	27	-	5174	6954	8878	10949	13163
			32	4597	6854	8078	10068	12225
			38	3991	5494	7196	9097	11196

TE : Evaporating Temperature ( °C ) TA : Ambient Temperature ( °C )  
Rating Condition Based On EN13215

