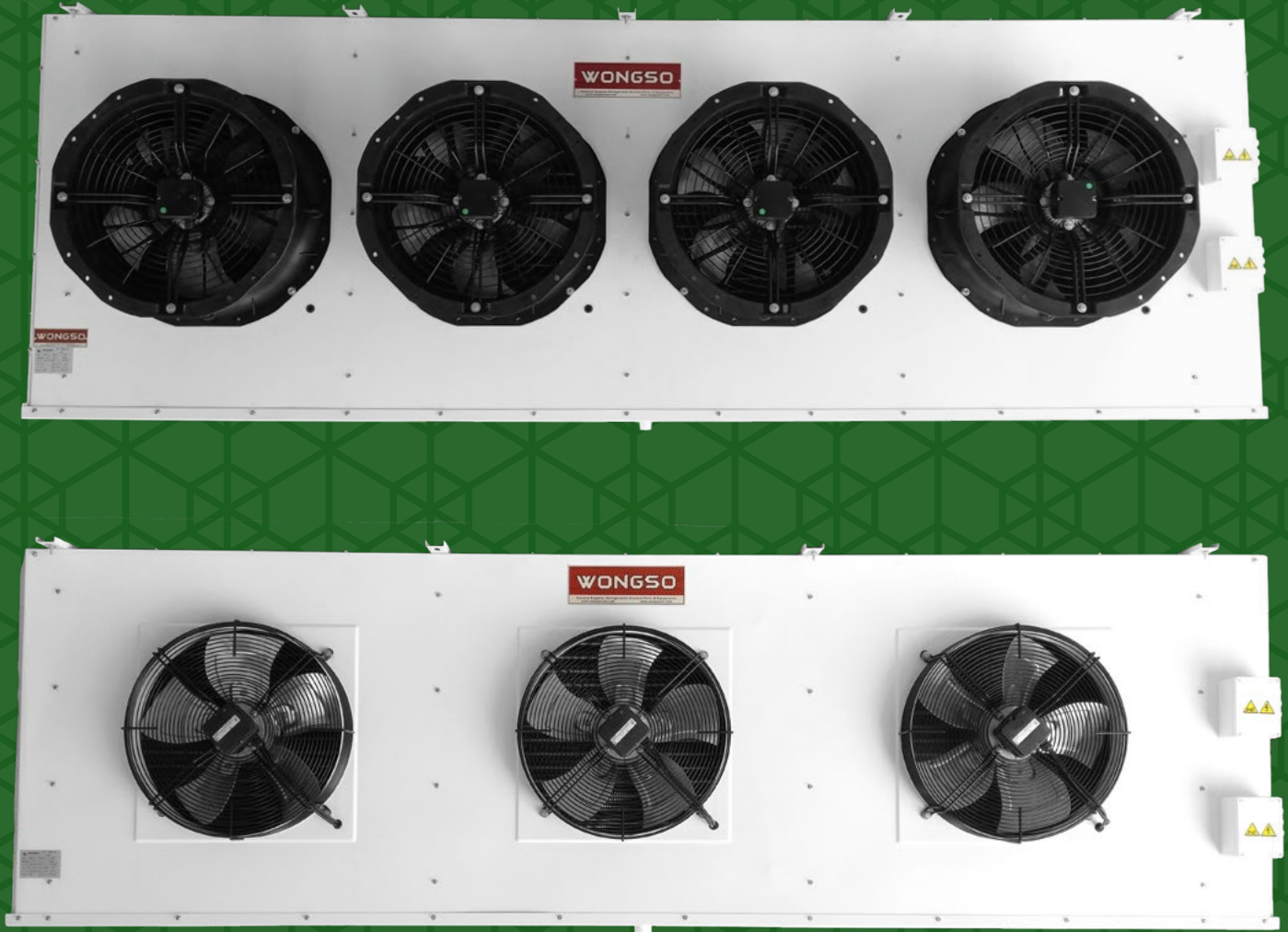




Wongso Heavy Duty Evaporator

The WHDE Series is a high-efficiency unit cooler designed for low-temperature applications. With 6mm and 8mm fin spacing and inner grooved copper tubes, it ensures superior heat transfer performance.

- **Powerful Airflow** – Equipped with a 500mm fan motor for high air volume and extended air throw.
- **Durable & Corrosion-Resistant** – White-coated casing for long-lasting protection.
- **Advanced Drainage System** – Dual drain tray design to prevent water condensation.
- **Easy Maintenance** – Side cover with a quick-access design for hassle-free servicing.

*Competent
solution for all
commercial
refrigeration.*

”



CHICKEN



MEAT



FISH



SHRIMP



SAUSAGE



DUMPLING



FRUITS



VEGGIES



VACCINE

WHDE Series V4 / 2026 Technical Data

MODEL Fin Spacing 6 mm	Capacity SC2 Condition *1	Capacity SC3 Condition *2	MODEL Fin Spacing 8 mm	Capacity SC4 Condition *3	Fan Data 500 mm (380 V - 415 V / 3 Phase / 50 Hz)					
	R404A, 6fs	R404A, 6fs		R404A, 8fs	No. Fans	Air flow	Air Throw	Total Power	Total Current	Noise
	kW	kW		kW	Qty	m³/h	meter	W	A	dB
WHDE 051	8.9	6.3	WHDE 052	4.4	1 x 500	7600	13	750	1.5	72
WHDE 071	14.2	10.3	WHDE 072	7.5	1 x 500	6800	11	750	1.5	72
WHDE 101	17.8	12.6	WHDE 102	8.8	2 x 500	15200	13	1500	3.0	72
WHDE 131	24.1	17.3	WHDE 132	12.5	2 x 500	14400	12	1500	3.0	72
WHDE 151	28.4	20.6	WHDE 152	15.1	2 x 500	13600	11	1500	3.0	72
WHDE 181	31.1	21.6	WHDE 182	15.4	3 x 500	22500	13	2250	4.5	72
WHDE 221	35.9	25.3	WHDE 222	18.2	3 x 500	21600	12	2250	4.5	72
WHDE 251	43.0	31.0	WHDE 252	22.2	4 x 500	29600	13	3000	6.0	72
WHDE 281	48.3	34.7	WHDE 282	25.0	4 x 500	29200	12	3000	6.0	72
WHDE 341	56.9	41.4	WHDE 342	30.1	4 x 500	27100	11	3000	6.0	72

MODEL Fin Spacing 6 mm	MODEL Fin Spacing 8 mm	Heater Data (220V / 1 Phase / 50Hz)		Tube Volume	Dimension			Inlet Pipe	Outlet Pipe	Net Weight
		Total Power	Total Amps		Length (P)	Width (L)	Height (T)	Expansion Connection	Suction Connection	
		W	A		mm	mm	mm	inch	inch	
WHDE 051	WHDE 052	3400	15	6.7	1270	505	875	5/8	1 1/8	71
WHDE 071	WHDE 072	4700	21	16.6	1270	660	875	3/4	1 3/8	91
WHDE 101	WHDE 102	6800	31	13.4	2220	590	875	5/8	1 1/8	118
WHDE 131	WHDE 132	9400	43	22.7	2220	590	875	7/8	1 5/8	134
WHDE 151	WHDE 152	9400	43	33.2	2220	660	875	7/8	1 5/8	155
WHDE 181	WHDE 182	12000	54	25	3020	590	875	1 1/8	2 1/8	176
WHDE 221	WHDE 222	14100	64	34.1	3020	590	875	1 1/8	2 1/8	188
WHDE 251	WHDE 252	16000	73	33.4	3320	590	875	1 1/8	2 1/8	228
WHDE 281	WHDE 282	18800	85	45.4	3320	590	875	1 1/8	2 1/8	243
WHDE 341	WHDE 342	18800	85	66.4	3320	660	875	1 3/8	2 5/8	290

R404A R407C	SST °C	-36	-33	-30	-27	-25	-21	-18	-15	-12
	Factor R404A	0.79	0.85	0.91	0.96	1.00	1.08	1.14	1.22	1.29
	Factor R407C	0.86	0.90	0.94	0.97	1.00	1.05	1.09	1.15	1.21
	Max KTD	3	9	9	9	9	9	9	9	8
	Min KTD	4	4	4	3	3	4	4	4	4
R22 R507	SST °C	-36	-33	-30	-27	-25	-21	-18	-15	-12
	Factor R22	0.83	0.88	0.93	0.97	1.00	1.07	1.13	1.19	1.26
	Factor R507	0.81	0.86	0.91	0.97	1.00	1.08	1.13	1.21	1.28
	Max KTD	8	9	9	9	9	9	9	8	8
	Min KTD	4	4	3	3	3	3	4	4	5

Standard Condition	Room Temp.	Evaporation Temp.
SC	(°C)	T _E (°C)
SC2	0	-8
SC3	-18	-25
SC4	-25	-31

