

Wintsys: simple, performant and economic



TECUMSEH INNOVATION

The new generation of housed condensing unit ready to install

- Economic solution for outdoor installations
- Pre-equipped and ready to install
- Performant
- The broadest range on the market



The new generation of Wintsys housed condensing units meets all installer and client expectations in terms of on-site timesaving, compact size, productivity and economic operation.

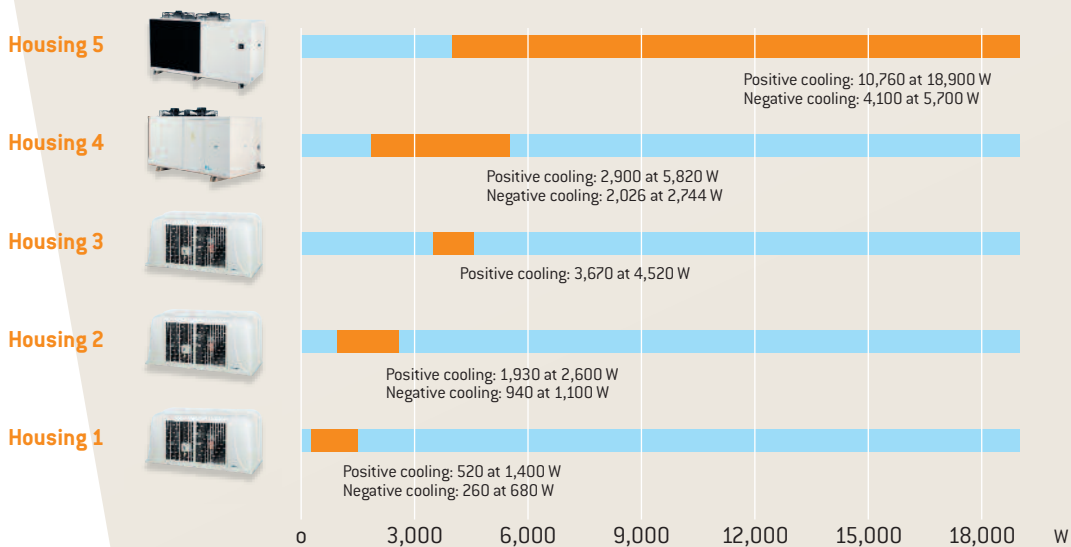
This new range is the broadest on the market and has been designed for outdoor installations in:

- corner shops, small supermarkets, service stations, warehouses and logistics platforms,
- restaurants, pub-restaurants, fast-food outlets,
- public and private buildings...



2 COMPLETE RANGES FOR COMMERCIAL REFRIGERATION

- 46 models designed for ambient temperatures up to 32°C
- 47 models designed for high ambient temperatures up to 43°C
- Refrigerants: R404A and R134a



EN 13215 (positive cooling at -10°C, negative cooling at -35°C/ Ambient temperature at 32°C
 – Return gas temperature 20°C sub-cooling 0 K) for operation with R404A and R134a refrigerants



Easier installation and maintenance Time and money saved on your installation work!



FAST START-UP AND MAINTENANCE

Pre-equipped and pre-set at the factory with a pre-wired electrical box, the Wintsys house condenser units from Tecumseh are quick to install and commission.

For maintenance, easy and complete access on 3 sides or to the compartments, depending on the model.

DO YOUR CALCULATION, YOU WIN



AESTHETIC AND ERGONOMIC

- Light, recyclable ABS housing
- Modern design, neutral colour to blend in everywhere

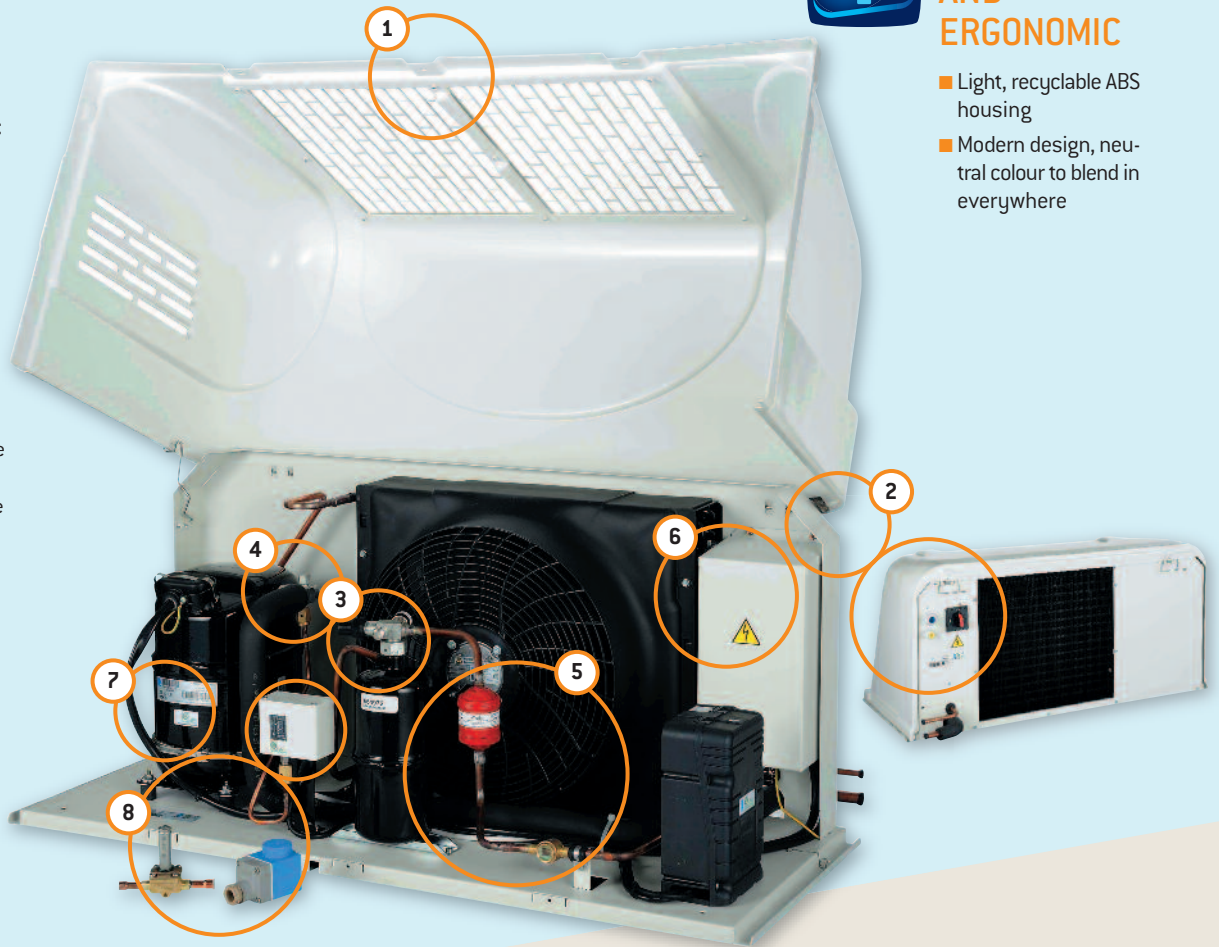
- 1 Fast access to the unit**
and its components
from all 3 sides
for Cabinets 1, 2 and 3

Pre-equipped and pre-wired

- 2** External main isolater
- 3** Mini HP safety pressure switch
- 4** Mini BP safety pressure switch
- 5** Liquid line (filter drier and sight glass)
- 6** Compressor contactor and DIN rail
- 7** Tecumseh compressor with crankcase heater

New equipment

- 8** "Pump down" kit as an option



RELIABLE AND ROBUST

- Experience and expertise 
- Asercom certified compressor performance
- Durable hensing for outdoor installations and floor, wall or roof mountings: Impact-resistant and UV protected ABS or corrosion resistant epoxy-painted sheet steel, depending on the model

**YOU ARE SET FOR YEARS OF PEACE
OF MIND!**





DESCRIPTION AND PERFORMANCE

COMMERCIAL LOW TEMPERATURE REFRIGERATION R404A / R507



Frequency Nominal current Manufacturing serial number

Product code **D835830220** OF: 006514521

Voltage 400V 3 ~ 50Hz In 8.8A 440V 3 ~ 60Hz In 13A **R404A**

Serial number and product code S.N.: 10F15 180908 D835830220

Refrigerant Housing

Serial number type 128 barcode: Letter T + serial n

High ambient temperature

Standards conformation

Refrigerant and voltage

The 1st digits of the cooling capacity in BTU/h at 60 Hz

Total number of digits in the cooling capacity

Application: 2 LP/4 HP/9 MHP

Housing	Models	Voltage	Cooling power (W)							Absorbed power (W)	Cooling power (W)	Sound pressure (dBA) ***	Net weight (kg)	Receiver volume (L)	Pipe diameter (inch)		Small cold rooms and refrigerated cabinets	Cold room	Food preparation and storage	Retail store and super-markets	
			-40°C	-35°C	-30°C	-23.3°C	-20°C	-15°C	-10°C						-35°C ***	Suction					Liquid outlet
			Cooling power (W)												-10°C ***						
1*	WIN2424Z	FZ	305	410	535	670	820	980	1,155	330	480	29	32	0.75	3/8	3/8	●	●	●	●	
	WIN2428Z	FZ	235	330	440	565	700	845	995	260	440	29	39			1/4	●	●	●	●	
	WIN2428Z	TZ	235	330	440	565	700	845	995	270	438	29	39			1/4	●	●	●	●	
	WIN2432Z	FZ	310	445	600	780	975	1,195	1,425	355	481	30	39			1/2	●	●	●	●	
	WIN2440Z	FZ	350	480	630	810	990	1,220	1,450	375	566	31	40	1.50			●	●	●	●	
	WIN2446Z	TZ	490	660	860	1,100	1,340	1,570	1,835	530	678	32	41			3/8	●	●	●	●	
	WIN2446Z	FZ	490	660	860	1,100	1,340	1,570	1,835	530	682	32	41			3/8	●	●	●	●	
	WIN2464Z	TZ	610	830	1,050	1,315	1,600	1,890	2,170	680	881	32	41			5/8	●	●	●	●	
	WIN2464Z	FZ	610	830	1,050	1,315	1,600	1,890	2,170	680	861	32	42			5/8	●	●	●	●	
	2*	WIN2480Z	FZ	810	1,140	1,505	1,900	2,375	2,865	3,410	940	1,394	41	68				●	●	●	●
WIN2480Z		TZ	810	1,140	1,505	1,900	2,375	2,865	3,410	940	1,064	41	68				●	●	●	●	
WIN2511Z		TZ	1,000	1,450	1,850	2,465	3,040	3,555	4,065	1,100	1,748	45	68	2.35		3/8	●	●	●	●	
WIN2511Z		FZ	1,000	1,450	1,850	2,465	3,040	3,555	4,065	1,100	1,486	45	68			3/8	●	●	●	●	
4**	WIN2516Z	TZ	2,100	2,634	3,406	4,792	5,590	6,865	8,212	2,026	2,201	46	155	10		1/2	●	●	●	●	
	WIN2522Z	TZ	2,970	3,567	4,455	6,088	7,037	8,563	10,179	2,744	2,698	46	175				●	●	●	●	
5***	WIN2532Z	TZ	4,386	5,320	6,750	10,062	10,999	13,503	16,118	4,092	4,129	53	258	12		5/8	●	●	●	●	
	WIN2544Z	TZ	6,314	7,415	9,144	12,734	14,243	17,657	21,182	5,704	5,091	53	258			5/8	●	●	●	●	

COMMERCIAL HIGH TEMPERATURE REFRIGERATION R404A / R507

Housing	Models	Voltage	Cooling power (W)							Absorbed power (W)	Cooling power (W)	Sound pressure (dBA) ***	Net weight (kg)	Receiver volume (L)	Pipe diameter (inch)		Small cold rooms and refrigerated cabinets	Cold room	Food preparation and storage	Retail store and super-markets		
			-25°C	-20°C	-15°C	-10°C	-5°C	0°C	5°C						10°C	15°C					Suction	Liquid outlet
			Cooling power (W)												-10°C ***							
1*	WIN9450Z	FZ	375	485	610	745	890	1,050	1,220	1,400	1,590	660	31	31			●	●	●	●		
	WIN9460Z	FZ	455	600	750	910	1,080	1,260	1,445	1,640	1,835	810	30	32	0.75	3/8	1/4	●	●	●	●	
	WIN9470Z	FZ	565	720	890	1,065	1,250	1,440	1,640	1,840	2,040	940	31	32				●	●	●	●	
	WIN9480Z	FZ	620	795	980	1,190	1,410	1,640	1,870	2,110	2,350	1,040	33	40			1/2	●	●	●	●	
	WIN9480Z	TZ	620	795	980	1,190	1,410	1,640	1,870	2,110	2,350	1,040	33	40			1/2	●	●	●	●	
	WIN9510Z	FZ	760	975	1,190	1,430	1,675	1,930	2,190	2,445	2,695	1,250	33	41	1.50		3/8	●	●	●	●	
	WIN9510Z	TZ	760	975	1,190	1,430	1,675	1,930	2,190	2,445	2,695	1,250	33	41			3/8	●	●	●	●	
	WIN9513Z	TZ	800	1,040	1,300	1,570	1,860	2,150	2,430	2,650	2,940	1,400	34	42			5/8	●	●	●	●	
	WIN9513Z	FZ	800	1,040	1,300	1,570	1,860	2,150	2,430	2,650	2,940	1,400	34	42			5/8	●	●	●	●	

2*

3*

4**

5**

COMMERCIAL HIGH TEMPERATURE REFRIGERATION R134a

Housing	Models	Voltage	Cooling power [W]						Cooling power [W]	Absorbed power [W]	Sound pressure [dBA]***	Net weight [kg]	Receiver volume [L]	Pipe diameter [inch]		Small cold rooms and refrigerated cabinets	Cold room	Food preparation and storage	Retail store and super-markets		
			-15°C	-10°C	-5°C	0°C	5°C	10°C						15°C	-10°C***					Suction	Liquid outlet
			440	560	690	835	990	1,150						1,325	422					3/8	1/4
1	WIN4440Y	FZ	440	560	690	835	990	1,150	1,325	520	422	30	0.75	3/8							
	WIN4448Y	FZ	520	685	860	1,045	1,240	1,445	1,660	635	460	31									
	WIN4456Y	FZ	615	770	945	1,135	1,345	1,570	1,815	680	540	31									
	WIN4461Y	FZ	690	875	1,080	1,310	1,565	1,835	2,130	750	554	38									
	WIN4461Y	TZ	690	875	1,080	1,310	1,565	1,835	2,130	750	536	38									
	WIN4476Y	FZ	735	950	1,180	1,435	1,705	2,090	2,290	890	619	38									
	WIN4492Y	FZ	920	1,180	1,460	1,765	2,090	2,420	2,760	1,110	622	40									
	WIN4492Y	TZ	920	1,180	1,460	1,765	2,090	2,420	2,760	1,110	718	40									
	WIN4511Y	FZ	1,185	1,475	1,785	2,110	2,435	2,760	3,070	1,380	841	41									
	WIN4511Y	TZ	1,185	1,475	1,785	2,110	2,435	2,760	3,070	1,380	856	41									
2	WIN4518Y	FZ	1,825	2,285	2,815	3,415	4,080	4,815	5,610	2,090	1,328	63	2.35	5/8	3/8						
	WIN4518Y	TZ	1,825	2,285	2,815	3,415	4,080	4,815	5,610	2,090	1,264	63									
	WIN4525Y	FZ	2,200	2,820	3,490	4,210	4,975	5,780	6,615	2,600	1,621	65									
	WIN4525Y	TZ	2,200	2,820	3,490	4,210	4,975	5,780	6,615	2,600	1,459	65									
4**	WIN4528Y	TZ	1,723	2,597	3,671	4,923	6,384	7,936	9,699	2,361	2,003	144	10	7/8	3/8						
	WIN4534Y	TZ	2,397	3,357	4,520	5,920	7,431	9,060	10,921	3,052	2,068	145									
	WIN4537Y	TZ	2,831	3,910	5,235	6,836	8,588	10,497	12,679	3,555	2,209	146									
	WIN4543Y	TZ	2,964	4,049	5,439	7,163	9,070	11,154	13,544	3,681	2,485	146									

* EN13215, performance at 32° ambient temperature, return gas 20° C, sub-cooling 3K

** EN13215, performance at 43° ambient temperature, return gas 20° C, sub-cooling 3K

*** EN13215, performance at 32° ambient temperature, superheat 10K, sub-cooling 3K

**** Sound pressure at 10 m - EN ISO 3743-1

Voltages: FZ single phase 220V/240V - 50 Hz / TZ three phase 400V - 50 Hz / 440V - 60 Hz

Please consult us for models for high ambient temperatures and other approvals





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The new generation of housed condensing unit ready to install

■ Economic solution for outdoor installations

■ Pre-equipped and ready to install

■ Performant

■ The broadest range on the market

Tecumseh Europe and its distribution network are always at your service

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