

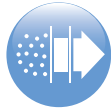
TAURUS SUPER COOL

R410A DUCTED TYPE UNITS (STANDARD)

60Hz



Wired and
Wireless Remote
Control



Air Filter



Silent Operation



Optional Heat Pump



High Efficiency
Protected
Compressor



Ease of Cleaning



Even Air
Distribution



Ease of
Installation



Multi-Speed Fan
Motor



Dehumidification

FEATURES - CONDENSING UNITS

- ▶ Zinc coated, heavy gauge, galvanized steel casing with phosphatized exterior surfaces and a weather resistant baked enamel finish provides excellent resistance against corrosion. Load bearing panels are strengthened for maximum reliability.
- ▶ High efficiency compressors with internal overload protection. All large capacity compressors (Size 32 to 55) have low and high pressure cutouts for compressor safety.
- ▶ Condenser fans are axial type with direct drive motor as standard. Fans are statically and dynamically balanced for quiet operation. Fan motor is permanently lubricated and internal thermal protection is standard.
- ▶ All condensing units are provided with factory assembled terminal blocks for ease of wiring during installation.



YE6LD18 to 28



YE6HD32 to 55

FEATURES - INDOOR UNITS

- ▶ Zinc coated, heavy gauge, galvanized steel casing with phosphatized exterior surfaces and a weather resistant baked enamel finish provides excellent resistance against corrosion. Casing is completely insulated with permanent, fire retardant, odorless material.
- ▶ Coils are made from high efficiency copper tubes and aluminium fins.
- ▶ Double inlet, double width, forward curved, centrifugal fan that is statically and dynamically balanced for quiet operation. Fan motor is permanently lubricated with internal thermal protection as standard.
- ▶ Low power consumption.

CONTROLS

- ▶ Wired remote control with modern and attractive design
- ▶ Wireless remote control.
- ▶ 3 Operation modes (cool / heat / auto).
- ▶ Fan speed control.
- ▶ Sleep mode and on - off timers.
- ▶ Auto restart function.
- ▶ 3 minute compressor time delay protection.
- ▶ Room temperature setting.



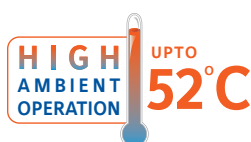
Top Discharge
for YE6TD45 to 55



Side Discharge
for YE6SD40



Side Discharge
for YE6SD18 to 32



TAURUS SUPER COOL

R410A DUCTED TYPE UNITS (STANDARD)

60Hz

TECHNICAL SPECIFICATIONS (COOL ONLY)

Models		Indoor Unit	YE6LD				YE6HD				
			18	24	28	32	40	45	55		
		Outdoor Unit	YE6SD				YE6TD				
			18	24	28	32	40	45	55		
Nominal Capacities	(1) Cooling @ (T1)	Btu/h	17,458	22,610	25,690	30,100	38,070	41,590	51,310		
Power Consumption		Watts	1514	1959	2230	2615	3302	3613	4454		
Running Current		Amps	6.79	8.87	10.18	11.78	14.88	16.35	20.11		
EER		Btu/hr/W	11.53	11.54	11.52	11.51	11.53	11.51	11.52		
Nominal Capacities	(2) Cooling @ (T3)	Btu/h	15,677	18,857	21,651	25,103	31,750	34,686	42,793		
Power Consumption		Watts	1865	2234	2581	2983	3797	4155	5122		
Running Current		Amps	9.00	10.80	12.50	14.40	18.30	20.00	24.70		
EER		Btu/hr/W	8.41	8.44	8.39	8.35	8.36	8.35	8.35		
Refrigerant Type		R-410A									
Power Supply		V/Ph/Hz	208-230/1/60								
Indoor Unit		Fan		Double inlet Double width							
		Air flow Rate		m³/h	833	1258	1445	2040	2584	2720	3060
		Input Power		W	130	170	200	500	500	600	1000
		Running Current		A	0.60	0.8	1	2.31	2.31	2.78	4.63
		Fan Motor Protection		Auto Reset Thermal Overload							
		Sound Pressure (H/M/L)		dBA	54/51/48	56/52/50	58/54/52	63/59/56	64/60/57	66/62/59	68/64/60
Coil		Tube		Inner Groove Copper Tube							
		Diameter		mm	7.9	7.9	9.5	9.5	9.5	9.5	9.5
		Material		Aluminum							
		No. Of Rows			3	3	3	3	3	3	3
Dimensions		Fin		Aluminum							
		No. Of Rows			16	16	16	16	16	16	16
		Fin per inch			16	16	16	16	16	16	16
Coil Area		Sqm	0.17	0.17	0.22	0.30	0.34	0.34	0.43		
Weight		Height		mm	245	245	245	378	378	378	435
		Width		mm	1,025	1,025	1,255	1,100	1,100	1,100	1,200
		Depth		mm	469	469	469	657	657	657	696
System Operation Control		Wired controller with remote									
Condensate Drainage (O.D.)		mm	19.05								
Air Filter		Plastic									
Power Supply		V/Ph/Hz	208-230/1/60								
Air Discharge		Type	Side Discharge				Top Discharge				
Compressor		Quantity	1	1	1	1	1	1	1		
Compressor Type		Rotary									
Vibration Isolator		Rubber mount									
Protection Device		Auto Reset Thermal Overload									
Fan		Quantity	1	1	1	1	2	1	1		
Fan / Type Drive		Propeller/Direct Drive									
Fan Speed		rpm	890	890	920	920	920	920	920		
Blade Material		Plastic									
Coil		Type		Fin tube construction							
		Material		Inner groove copper tube							
		Fin		Aluminum							
No. Of Rows			2	2	2	3	2	2	2		
Coil Area		Sqm	0.49	0.49	0.65	0.65	1.10	1.47	1.47		
Dimensions		Height		mm	650	650	700	700	1150	830	830
		Width		mm	870	870	925	925	925	765	765
		Depth		mm	320	320	395	395	395	765	765
Weight		kg	62	63	74	75	106	136	136		
Piping		Type	Flare + Nuts								
Pipe Size		Suction	1/2	5/8	5/8	5/8	3/4	3/4	3/4		
		Liquid	1/4	1/4	3/8	3/8	3/8	3/8	1/2		

(1) Cooling capacity @ (T1) is based on the following operation conditions:

- 95°F (35°C) outdoor ambient temperature.
- 80.6°F DB / 66.2°F WB (27°C DB / 19°C WB) indoor air temperature.

(2) Cooling capacity @ (T3) is based on the following operation conditions:

- 115°F (46.1°C) outdoor ambient temperature.
- 80.6°F DB / 66.2°F WB (27°C DB / 19°C WB) indoor air temperature.

TAURUS SUPER COOL

R410A DUCTED TYPE UNITS

60Hz

TECHNICAL SPECIFICATIONS (HEAT PUMP)

Models		Indoor Unit	YE6LD				YE6HD			
			18	24	28	32	40	45	55	
		Outdoor Unit	YE6SD				YE6TD			
			18	24	28	32	40	45	55	
Nominal Capacities	(1) Cooling @ (T1)	Btu/h	17,296	22,440	25,550	29,940	37,780	41,277	51,000	
Power Consumption		Watts	1501	1945	2216	2599	3277	3586	4427	
Running Current		Amps	6.76	8.76	9.98	11.71	14.78	16.19	19.95	
EER		Btu/hr/W	11.52	11.54	11.53	11.52	11.53	11.51	11.52	
Nominal Capacities	(2) Cooling @ (T3)	Btu/h	15,532	18,715	21,309	24,970	31,509	34,425	42,534	
Power Consumption		Watts	1858	2234	2581	2989	3769	4124	5091	
Running Current		Amps	8.95	10.80	12.50	14.40	18.20	19.90	24.60	
EER		Btu/hr/W	8.36	8.38	8.28	8.35	8.36	8.35	8.35	
Nominal Capacities	(3) Heating	Btu/h	17,110	22,920	25,610	30,120	38,015	41,525	51,350	
Power Consumption		Watts	1476	1990	2213	2599	3291	3605	4450	
Running Current		Amps	6.65	8.96	9.97	11.71	14.83	16.24	20.05	
COP		WW	3.40	3.38	3.39	3.40	3.39	3.38	3.38	
Refrigerant Type		R-410A								
Power Supply		V/Ph/Hz								
Fan Type		208-230/1/60								
Fan		Double inlet Double width								
Air flow Rate	m ³ /h	833	1258	1445	2040	2584	2720	3060		
Input Power	W	130	170	200	500	500	600	1000		
Running Current	A	0.60	0.8	1	2.31	2.31	2.78	4.63		
Fan Motor Protection		Auto Reset Thermal Overload								
Sound Pressure (H/W/L)	dBA	54/51/48	56/52/50	58/54/52	63/59/56	64/60/57	66/62/59	68/64/60		
Coil		Inner Groove Copper Tube								
Tube	Material	Aluminum								
Diameter	mm	7.9	7.9	9.5	9.5	9.5	9.5	9.5		
Fin	Material	Aluminum								
	No. Of Rows	3	3	3	3	3	3	3		
	Fin per inch	16	16	16	16	16	16	16		
Coil Area	Sqm	0.17	0.17	0.22	0.30	0.34	0.34	0.43		
Dimensions	Height	245	245	245	378	378	378	435		
	Width	1,025	1,025	1,255	1,100	1,100	1,100	1,200		
	Depth	469	469	469	657	657	657	696		
Weight	kg	25	25	30	70	70	70	82		
System Operation Control		Wired controller with remote								
Condensate Drainage (O.D.)	mm	19.05								
Air Filter		Plastic								
Power Supply		V/Ph/Hz								
Air Discharge		208-230/1/60								
Compressor		Side Discharge								
Quantity		1	1	1	1	1	1	1		
Compressor Type		Rotary				Scroll				
Vibration Isolator		Rubber mount								
Protection Device		Auto Reset Thermal Overload								
Quantity		1	1	1	1	2	1	1		
Fan / Type Drive		Propeller/Direct Drive								
Fan Speed	rpm	890	890	920	920	920	920	920		
Blade Material		Plastic								
Coil		Fin tube construction								
Material	Tube	Inner groove copper tube								
Fin		Aluminum								
No. Of Rows		2	2	2	3	2	2	2		
Coil Area	Sqm	0.49	0.49	0.65	0.65	1.10	1.47	1.47		
Dimensions	Height	650	650	700	700	1150	830	830		
	Width	870	870	925	925	925	765	765		
	Depth	320	320	395	395	395	765	765		
Weight	kg	62	63	74	75	106	136	136		
Piping		Flare + Nuts								
Pipe Size	Suction	1/2	5/8	5/8	5/8	3/4	3/4	3/4		
	Liquid	1/4	1/4	3/8	3/8	3/8	3/8	1/2		

(1) Cooling capacity @ (T1) is based on the following operation conditions:

- 95°F (35°C) outdoor ambient temperature.
- 80.6°F DB / 66.2°F WB (27°C DB / 19°C WB) indoor air temperature.

(2) Cooling capacity @ (T3) is based on the following operation conditions:

- 115°F (46.1°C) outdoor ambient temperature.
- 80.6°F DB / 66.2°F WB (27°C DB / 19°C WB) indoor air temperature.

(3) Heating capacity is based on the following operation conditions:

- 44.6°F (7°C) outdoor ambient temperature.
- 68°F DB / 59°F WB (20°C DB / 15°C WB) indoor air temperature.

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