



Tecumseh

Condensing unit
Voltage Code : TZ

SILAGD2532Z-TZ

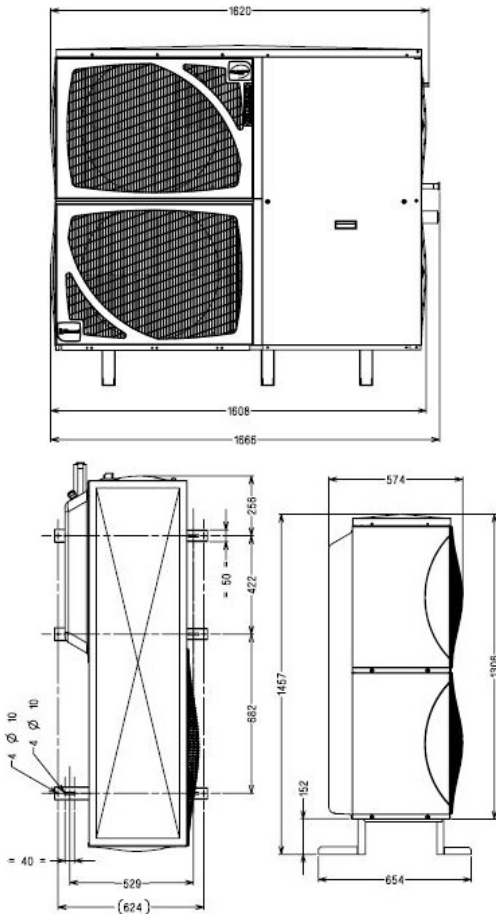
Low Temp. Commercial (BP)

400V 3~ 50Hz / 440V 3~ 60 Hz

R452A / R404A / R448A / R449A

SILAGD2532Z-TZ

| Conditions | Frequency | Nominal Cooling Capacity | | Sound Power ISO3745 / ISO 3743-1 |
|-----------------|---------------|--------------------------|---------------|-------------------------------------|
| | | Watts | BTU/h | |
| EN13215 / R452A | 50 Hz / 60 Hz | 3900 / 4053 | 13300 / 13822 | 74 dBA |
| EN13215 / R404A | 50 Hz / 60 Hz | 4378 / 4574 | 14928 / 15598 | 74 dBA |
| EN13215 / R448A | 50 Hz / 60 Hz | 2959 / 5978 | 10089 / 20386 | 74 dBA |
| EN13215 / R449A | 50 Hz / 60 Hz | 2960 / 5981 | 10095 / 20396 | 74 dBA |



| | |
|-------------------------|-----------------|
| Net Weight (Kg) | 236.0 |
| Expansion device | Expansion_Valve |
| Air Flow (m³/h) | 6600 / 6600 |
| Compo Data Sheet | 127GU-T |
| Elec Comp Type | TRI |
| Current (Amp) | |
| Load Rated Amp | 13.8 15 |
| Max Cont Current | 22 23 |
| Lock Rotor Amp | 84 86 |
| Fan | |
| Speed (rpm) | 870 / 870 |
| Power (W) | 180.0 |
| Diameter (mm) | 500 |
| Protection | Thermostat |
| IP Level | IP44 |
| Condenser | 2x500/17200 |
| Liquid Receiver | |
| Capacity (L) | 9.5 |
| Maximum Pressure (Bars) | 32.0 |
| Suction Line | |
| Suction Type | Tube / Tube |
| For Tubing Out Diam | 28.6 (1"1/8) |
| Suction Connection Type | Brased |
| Liquid Line | |
| Liquid Line Type | Tube |
| For Tubing Out Diam | 15.9 (5/8") |
| Liquid Connecton Type | Brased |
| Connection Type | TT |
| Fan Guard | maille < à 8mm |

* EN13215 : T°Ambient 32.0°C / T°Evap. -35.0°C / T°Return gas temp.. 20.0°C
T°Subcooling. 3.0K

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| SILAGD2532Z-TZ | Tension TZ : 400V 3~ 50Hz / 440V 3~ 60 Hz |
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| | | |
|--|------------------------|---------|
| Les performances sont données dans les conditions EN13215 : | Gaz aspirés : | 20.0 °C |
| Condition Dew | Sous refroidissement : | 3.0 K |
| The performance data are in EN13215 conditions : | Return gas : | 20.0 °C |
| Dew Condition | Subcooling : | 3.0 K |

| 50 Hz R452A | | | | | | | | | |
|--------------------|--------------------|--------|------------|------------|------------|------------|------------|------------|------------|
| N°6754 | | | | | | | | | |
| 5 T ambience | 6 T évaporation | (°C) | -40 | -35 | -30 | -25 | -20 | -15 | -10 |
| 25 | 1 P frigorifique | (Watt) | 3157 | 4776 | 6735 | 9037 | 11659 | 14554 | 17643 |
| | 2 P absorbée | (W) | 2989 | 3653 | 4360 | 5124 | 5962 | 6888 | 7922 |
| | 3 I absorbée | (A) | 18.9 | 20.5 | 22.4 | 24.6 | 27.2 | 30.2 | 33.7 |
| | 4 Tc | (°C) | 27.2 | 27.8 | 28.7 | 29.9 | 31.5 | 33.5 | 36.1 |
| 32 | 1 P frigorifique | (Watt) | 2429 | 3900 | 5666 | 7734 | 10089 | 12691 | 15476 |
| | 2 P absorbée | (W) | 2837 | 3554 | 4312 | 5123 | 6001 | 6962 | 8023 |
| | 3 I absorbée | (A) | 18.3 | 20.2 | 22.3 | 24.7 | 27.5 | 30.7 | 34.3 |
| | 4 Tc | (°C) | 33.8 | 34.5 | 35.4 | 36.5 | 38.0 | 39.9 | 42.3 |
| 43 | 1 P frigorifique | (Watt) | 1336 | 2559 | 4011 | 5708 | 7647 | 9808 | 12151 |
| | 2 P absorbée | (W) | 2487 | 3290 | 4130 | 5018 | 5965 | 6986 | 8094 |
| | 3 I absorbée | (A) | 17.1 | 19.4 | 21.9 | 24.7 | 27.8 | 31.3 | 35.1 |
| | 4 Tc | (°C) | 44.4 | 45.1 | 46.0 | 47.0 | 48.4 | 50.0 | 52.1 |

| 60 Hz R452A | | | | | | | | | |
|--------------------|--------------------|--------|------------|------------|------------|------------|------------|------------|------------|
| N°6754 | | | | | | | | | |
| 5 T ambience | 6 T évaporation | (°C) | -40 | -35 | -30 | -25 | -20 | -15 | -10 |
| 25 | 1 P frigorifique | (Watt) | 3256 | 5220 | 7486 | 10054 | 12910 | 16014 | 19306 |
| | 2 P absorbée | (W) | 3114 | 3967 | 4840 | 5762 | 6760 | 7862 | 9099 |
| | 3 I absorbée | (A) | 7.47 | 8.38 | 9.35 | 10.4 | 11.6 | 12.9 | 14.5 |
| | 4 Tc | (°C) | 32.2 | 32.7 | 33.4 | 34.5 | 35.9 | 37.8 | 40.2 |
| 32 | 1 P frigorifique | (Watt) | 2237 | 4053 | 6136 | 8490 | 11102 | 13943 | 16965 |
| | 2 P absorbée | (W) | 2697 | 3663 | 4639 | 5651 | 6727 | 7897 | 9189 |
| | 3 I absorbée | (A) | 7.02 | 8.05 | 9.12 | 10.3 | 11.5 | 13.0 | 14.6 |
| | 4 Tc | (°C) | 39.1 | 39.7 | 40.4 | 41.5 | 42.8 | 44.6 | 46.8 |
| 43 | 1 P frigorifique | (Watt) | | 2217 | 3992 | 5993 | 8220 | 10662 | 13303 |
| | 2 P absorbée | (W) | | 2871 | 4046 | 5236 | 6469 | 7774 | 9180 |
| | 3 I absorbée | (A) | | 7.16 | 8.44 | 9.79 | 11.2 | 12.8 | 14.6 |
| | 4 Tc | (°C) | | 50.9 | 51.6 | 52.5 | 53.7 | 55.3 | 57.2 |

1 = cooling capacity 2 = power input 3 = current 4 = condensing temperature 5 = ambient temperature 6 = evaporating temperature

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| SILAGD2532Z-TZ | Tension TZ : 400V 3~ 50Hz / 440V 3~ 60 Hz |
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|--|------------------------|---------|
| Les performances sont données dans les conditions EN13215 : | Gaz aspirés : | 20.0 °C |
| Condition Dew | Sous refroidissement : | 3.0 K |
| The performance data are in EN13215 conditions : | Return gas : | 20.0 °C |
| Dew Condition | Subcooling : | 3.0 K |

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50 Hz R404A

N°6753

| 5 T ambience | 6 T évaporation | (°C) | -40 | -35 | -30 | -25 | -20 | -15 | -10 |
|----------------|--------------------|--------|------------|------------|------------|------------|------------|------------|------------|
| 25 | 1 P frigorifique | (Watt) | 3593 | 5309 | 7379 | 9792 | 12507 | 15454 | 18521 |
| | 2 P absorbée | (W) | 3199 | 3910 | 4661 | 5462 | 6327 | 7270 | 8313 |
| | 3 I absorbée | (A) | 9.20 | 9.75 | 10.5 | 11.5 | 12.7 | 14.2 | 16.0 |
| | 4 Tc | (°C) | 29.7 | 30.5 | 31.5 | 32.7 | 34.2 | 36.1 | 38.6 |
| 32 | 1 P frigorifique | (Watt) | 2839 | 4378 | 6223 | 8367 | 10780 | 13404 | 16143 |
| | 2 P absorbée | (W) | 3082 | 3833 | 4627 | 5473 | 6380 | 7363 | 8440 |
| | 3 I absorbée | (A) | 8.96 | 9.61 | 10.5 | 11.6 | 12.9 | 14.5 | 16.3 |
| | 4 Tc | (°C) | 36.0 | 37.0 | 38.1 | 39.3 | 40.8 | 42.6 | 44.9 |
| 43 | 1 P frigorifique | (Watt) | 1706 | 2968 | 4459 | 6182 | 8123 | 10245 | 12481 |
| | 2 P absorbée | (W) | 2798 | 3611 | 4474 | 5391 | 6370 | 7421 | 8558 |
| | 3 I absorbée | (A) | 8.51 | 9.34 | 10.4 | 11.6 | 13.1 | 14.8 | 16.8 |
| | 4 Tc | (°C) | 46.0 | 47.2 | 48.5 | 49.7 | 51.1 | 52.7 | 54.8 |

60 Hz R404A

N°6753

| 5 T ambience | 6 T évaporation | (°C) | -40 | -35 | -30 | -25 | -20 | -15 | -10 |
|----------------|--------------------|--------|------------|------------|------------|------------|------------|------------|------------|
| 25 | 1 P frigorifique | (Watt) | 3777 | 5826 | 8204 | 10890 | 13837 | 16974 | 20193 |
| | 2 P absorbée | (W) | 3393 | 4279 | 5196 | 6159 | 7192 | 8318 | 9567 |
| | 3 I absorbée | (A) | 7.95 | 8.89 | 9.89 | 11.0 | 12.2 | 13.6 | 15.1 |
| | 4 Tc | (°C) | 34.5 | 35.3 | 36.1 | 37.2 | 38.5 | 40.3 | 42.7 |
| 32 | 1 P frigorifique | (Watt) | 2698 | 4574 | 6740 | 9176 | 11845 | 14684 | 17601 |
| | 2 P absorbée | (W) | 3011 | 3998 | 5012 | 6066 | 7180 | 8377 | 9684 |
| | 3 I absorbée | (A) | 7.55 | 8.59 | 9.69 | 10.9 | 12.2 | 13.6 | 15.3 |
| | 4 Tc | (°C) | 41.2 | 42.1 | 43.0 | 44.1 | 45.4 | 47.1 | 49.2 |
| 43 | 1 P frigorifique | (Watt) | 1074 | 2656 | 4463 | 6487 | 8704 | 11069 | 13523 |
| | 2 P absorbée | (W) | 2098 | 3261 | 4451 | 5675 | 6947 | 8283 | 9708 |
| | 3 I absorbée | (A) | 6.58 | 7.79 | 9.07 | 10.4 | 11.9 | 13.5 | 15.3 |
| | 4 Tc | (°C) | 51.6 | 52.7 | 53.8 | 54.9 | 56.2 | 57.7 | 59.6 |

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| SILAGD2532Z-TZ | Tension TZ : 400V 3~ 50Hz / 440V 3~ 60 Hz |
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|--|------------------------|---------|
| Les performances sont données dans les conditions EN13215 : | Gaz aspirés : | 20.0 °C |
| Condition Dew | Sous refroidissement : | 3.0 K |
| The performance data are in EN13215 conditions : | Return gas : | 20.0 °C |
| Dew Condition | Subcooling : | 3.0 K |

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50 Hz R448A (*)

N°7062

| 5 T ambience | 6 T évaporation | (°C) | -30 | -25 | -20 | -15 | -10 |
|----------------|--------------------|--------|------------|------------|------------|------------|------------|
| 25 | 1 P frigorifique | (Watt) | 5446 | 7659 | 10279 | 13268 | 16548 |
| | 2 P absorbée | (W) | 4113 | 4871 | 5684 | 6566 | 7535 |
| | 3 I absorbée | (A) | 9.42 | 10.4 | 11.5 | 12.7 | 13.9 |
| | 4 Tc | (°C) | 30.9 | 31.7 | 32.9 | 34.4 | 36.5 |
| 32 | 1 P frigorifique | (Watt) | 4564 | 6545 | 8904 | 11613 | 14605 |
| | 2 P absorbée | (W) | 4073 | 4875 | 5730 | 6650 | 7652 |
| | 3 I absorbée | (A) | 9.40 | 10.4 | 11.6 | 12.8 | 14.1 |
| | 4 Tc | (°C) | 37.4 | 38.3 | 39.5 | 41.0 | 43.0 |
| 43 | 1 P frigorifique | (Watt) | 3272 | 4902 | 6864 | 9148 | 11707 |
| | 2 P absorbée | (W) | 3910 | 4788 | 5716 | 6705 | 7767 |
| | 3 I absorbée | (A) | 9.22 | 10.4 | 11.6 | 12.9 | 14.3 |
| | 4 Tc | (°C) | 47.7 | 48.8 | 49.9 | 51.3 | 53.2 |

60 Hz R448A (*)

N°7062

| 5 T ambience | 6 T évaporation | (°C) | -30 | -25 | -20 | -15 | -10 |
|----------------|--------------------|--------|------------|------------|------------|------------|------------|
| 25 | 1 P frigorifique | (Watt) | 12024 | 17063 | 22894 | 29429 | 36521 |
| | 2 P absorbée | (W) | 8705 | 10568 | 12537 | 14657 | 16985 |
| | 3 I absorbée | (A) | 15.4 | 17.5 | 19.9 | 22.4 | 25.4 |
| | 4 Tc | (°C) | 35.6 | 36.4 | 37.4 | 38.8 | 40.7 |
| 32 | 1 P frigorifique | (Watt) | 9803 | 14411 | 19778 | 25830 | 32438 |
| | 2 P absorbée | (W) | 8297 | 10349 | 12487 | 14752 | 17201 |
| | 3 I absorbée | (A) | 14.9 | 17.3 | 19.8 | 22.6 | 25.6 |
| | 4 Tc | (°C) | 42.5 | 43.3 | 44.3 | 45.7 | 47.5 |
| 43 | 1 P frigorifique | (Watt) | | 10449 | 15094 | 20401 | |
| | 2 P absorbée | (W) | | 9518 | 11986 | 14542 | |
| | 3 I absorbée | (A) | | 16.3 | 19.2 | 22.3 | |
| | 4 Tc | (°C) | | 54.3 | 55.3 | 56.5 | |

1 = cooling capacity 2 = power input 3 = current 4 = condensing temperature 5 = ambient temperature 6 = evaporating temperature

(*) Veuillez vous référer strictement aux Recommandations d'Utilisation et Bulletins Marketing Tecumseh du fait de la température de reflux élevée pour les applications LBP.

(*) Due to very high discharge temperature especially on LBP conditions, please strictly refer to Tecumseh Guidelines & Marketing Bulletin when using this refrigerant.

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| SILAGD2532Z-TZ | Tension TZ : 400V 3~ 50Hz / 440V 3~ 60 Hz |
|-----------------------|--|

| | | |
|--|------------------------|---------|
| Les performances sont données dans les conditions EN13215 : | Gaz aspirés : | 20.0 °C |
| Condition Dew | Sous refroidissement : | 3.0 K |
| The performance data are in EN13215 conditions : | Return gas : | 20.0 °C |
| Dew Condition | Subcooling : | 3.0 K |

| 50 Hz R449A (*) | | | | | | | | N°6836 |
|------------------------|--------------------|--------|------------|------------|------------|------------|------------|---------------|
| 5 T ambience | 6 T évaporation | (°C) | -30 | -25 | -20 | -15 | -10 | |
| 25 | 1 P frigorifique | (Watt) | 5449 | 7664 | 10286 | 13278 | 16561 | |
| | 2 P absorbée | (W) | 4113 | 4871 | 5684 | 6566 | 7535 | |
| | 3 I absorbée | (A) | 9.42 | 10.4 | 11.5 | 12.7 | 13.9 | |
| | 4 Tc | (°C) | 30.9 | 31.7 | 32.9 | 34.4 | 36.5 | |
| 32 | 1 P frigorifique | (Watt) | 4567 | 6549 | 8910 | 11621 | 14616 | |
| | 2 P absorbée | (W) | 4073 | 4875 | 5730 | 6650 | 7652 | |
| | 3 I absorbée | (A) | 9.40 | 10.4 | 11.6 | 12.8 | 14.1 | |
| | 4 Tc | (°C) | 37.4 | 38.3 | 39.5 | 41.0 | 43.0 | |
| 43 | 1 P frigorifique | (Watt) | 3273 | 4904 | 6868 | 9153 | 11713 | |
| | 2 P absorbée | (W) | 3910 | 4788 | 5716 | 6705 | 7767 | |
| | 3 I absorbée | (A) | 9.22 | 10.4 | 11.6 | 12.9 | 14.3 | |
| | 4 Tc | (°C) | 47.7 | 48.7 | 49.9 | 51.3 | 53.1 | |

| 60 Hz R449A (*) | | | | | | | | N°6836 |
|------------------------|--------------------|--------|------------|------------|------------|------------|------------|---------------|
| 5 T ambience | 6 T évaporation | (°C) | -30 | -25 | -20 | -15 | -10 | |
| 25 | 1 P frigorifique | (Watt) | 12031 | 17073 | 22909 | 29451 | 36550 | |
| | 2 P absorbée | (W) | 8705 | 10568 | 12537 | 14657 | 16985 | |
| | 3 I absorbée | (A) | 15.4 | 17.5 | 19.9 | 22.4 | 25.4 | |
| | 4 Tc | (°C) | 35.6 | 36.4 | 37.4 | 38.8 | 40.7 | |
| 32 | 1 P frigorifique | (Watt) | 9808 | 14419 | 19790 | 25847 | 32461 | |
| | 2 P absorbée | (W) | 8297 | 10349 | 12487 | 14752 | 17201 | |
| | 3 I absorbée | (A) | 14.9 | 17.3 | 19.8 | 22.6 | 25.6 | |
| | 4 Tc | (°C) | 42.5 | 43.3 | 44.3 | 45.6 | 47.5 | |
| 43 | 1 P frigorifique | (Watt) | | 10453 | 15101 | 20411 | | |
| | 2 P absorbée | (W) | | 9518 | 11986 | 14542 | | |
| | 3 I absorbée | (A) | | 16.3 | 19.2 | 22.3 | | |
| | 4 Tc | (°C) | | 54.2 | 55.2 | 56.5 | | |

1 = cooling capacity 2 = power input 3 = current 4 = condensing temperature 5 = ambient temperature 6 = evaporating temperature

(*) Veuillez vous référer strictement aux Recommandations d'Utilisation et Bulletins Marketing Tecumseh du fait de la température de reflux élevée pour les applications LBP.
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