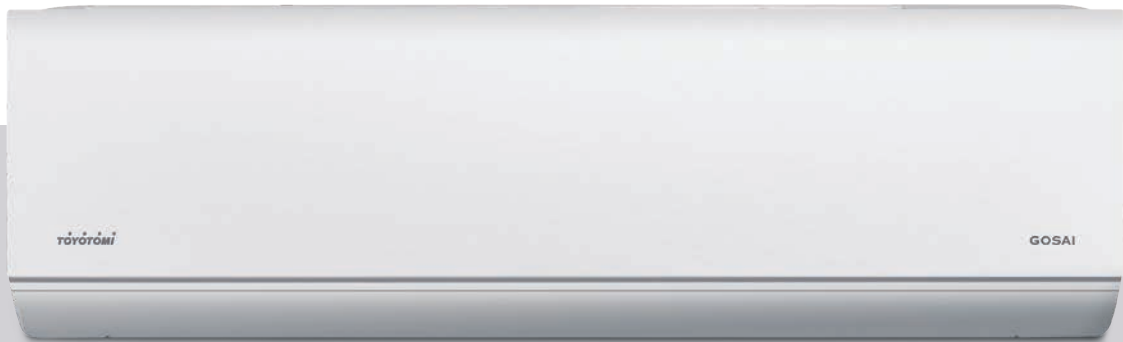


GOSAI

ALL DC INVERTER



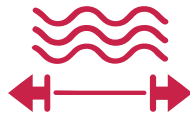
THE ULTIMATE COMFORT EXPERIENCE



Toyotomi Gosai air conditioners has the highest Energy Efficiency Class A+++ in cooling and heating mode for maximum energy savings. The extremely low noise levels combined with Sleep and Night mode functions create the ideal comfort conditions.

A+++

HIGH ENERGY CLASS



LARGE RANGE CAPACITY



"QUIET" FUNCTION



WiFi
FUNCTION



IONIZER



SELF CLEAN STERILIZATION
FUNCTION AT 56°C

| GOSAI WHISPER WHITE ALL DC INVERTER | | GTN/GTG-09CMW | GTN/GTG-12CMW | GTN/GTG-18CMW | GTN/GTG-24CMW | |
|--|--|---------------------------------|---|----------------------------------|------------------------------------|----------------|
| PDESIGN | | | | | | |
| PDESIGNC | KW | 2,7 | 3,5 | 5,1 | 7,1 | |
| Pdesignh (Average Zone) | KW | 2,7 | 3,0 | 4,1 | 5,6 | |
| Pdesignh (Warmer Zone) | KW | 2,9 | 3,5 | 4,3 | 5,7 | |
| COOLING / HEATING EFFICIENCY | | | | | | |
| COOLING* | CAPACITY | Btu/h | 9.212 | 11.942 | 17.401 | 24.225 |
| | | kW | 2,70 | 3,50 | 5,10 | 7,10 |
| | RANGE CAPACITY | Btu/h | 1.365 - 13.000 | 3.070 - 14.672 | 3.412 - 22.178 | 3.400 - 30.367 |
| | | kW | 0,40 - 3,70 | 0,90 - 4,30 | 1,00 - 6,50 | 1,00 - 8,90 |
| HEATING* | CAPACITY | Btu/h | 10.236 | 12.966 | 19.107 | 26.614 |
| | | kW | 3,00 | 3,80 | 5,60 | 7,80 |
| | RANGE CAPACITY | Btu/h | 2.388 - 14200 | 3.070 - 16.000 | 3.753 - 23.201 | 5.118 - 32.414 |
| | | kW | 0,70 - 4,00 | 0,90 - 4,70 | 1,10 - 6,80 | 1,50 - 9,50 |
| CAPACITY | | | | | | |
| COOLING Pdesignc | SEER | | 8,5 | 8,5 | 8,5 | 8,5 |
| | COOLING ENERGY CLASS | | +++ | +++ | +++ | +++ |
| HEATING Pdesignh | SCOP AVERAGE ZONE | | 4,6 | 4,8 | 4,6 | 4,6 |
| | ENERGY CLASS AVERAGE ZONE | | ++ | ++ | ++ | ++ |
| | SCOP WARMER ZONE | | 5,7 | 5,8 | 5,8 | 5,7 |
| | ENERGY CLASS WARMER ZONE | | +++ | +++ | +++ | +++ |
| ELECTRICAL DATA | | | | | | |
| PHASE-VOLTAGE-FREQUENCY | | V-Hz-Ph | 220~240V-50-1 | 220~240V-50-1 | 220~240V-50-1 | 220~240V-50-1 |
| COOLING Pdesignc | ANNUAL ELECTRICITY CONSUMPTION (Q _{CE}) | kWh/a | 111 | 144 | 210 | 292 |
| Pdesignh | ANNUAL ELECTRICITY CONSUMPTION AVERAGE ZONE (Q _{HE}) | kWh/a | 822 | 875 | 1248 | 1704 |
| | ANNUAL ELECTRICITY CONSUMPTION WARMER ZONE (Q _{HE}) | kWh/a | 712 | 845 | 1038 | 1400 |
| PERFORMANCES | | | | | | |
| HUMIDITY REMOVAL | L/h | 0,8 | 0,7 | 1,8 | 2,5 | |
| AIR FLOW VOLUME INDOOR UNIT (SHi/Hi/Mhi/M/MLo/Lo/SLo/SS) | m ³ /h | 610/530/500/450/350/290/230/180 | 650/540/505/405/380/330/310/180 | 1000/960/870/810/720/640/600/430 | 1250/1100/1000/950/900/850/800/600 | |
| SOUND POWER LEVEL OF INDOOR UNIT COOLING (SHi/Hi/Mhi/M/MLo/Lo/SLo/SS) | dB(A) | 57/50/48/45/40/37/36/32 | 58/54/52/49/47/45/39/32 | 60/58/56/54/48/46/43/39 | 65/59/56/55/53/51/48/42 | |
| SOUND POWER LEVEL OF INDOOR UNIT HEATING (SHi/Hi/Mhi/M/MLo/Lo/SLo) | dB(A) | 57/50/48/45/44/43/41 | 58/53/51/49/47/46/45 | 60/58/55/53/51/49/46 | 64/62/58/56/55/51/50 | |
| SOUND PRESSURE LEVEL OF INDOOR UNIT COOLING (SHi/Hi/Mhi/M/MLo/Lo/SLo/SS) | dB(A) | 39/36/34/31/26/24/22/18 | 43/39/37/34/32/30/24/18 | 47/45/43/41/35/33/30/26 | 48/44/41/40/38/37/35/27 | |
| SOUND PRESSURE LEVEL OF INDOOR UNIT HEATING (SHi/Hi/Mhi/M/MLo/Lo/SLo) | dB(A) | 39/36/34/31/30/29/27 | 44/39/37/35/33/32/31 | 47/45/42/40/38/36/33 | 50/47/43/41/40/38/36 | |
| SOUND POWER LEVEL OF OUTDOOR UNIT (Hi) | dB(A) | 61 | 63 | 65 | 70 | |
| SOUND PRESSURE LEVEL OF OUTDOOR UNIT (Hi) | dB(A) | 51 | 52 | 59 | 60 | |
| DIMENSIONS AND WEIGHT | | | | | | |
| INDOOR UNIT | PRODUCT DIMENSIONS (W*H*D) | mm | 867x276x206 | 867x276x206 | 978x333x248 | 1116x333x248 |
| | NET WEIGHT | Kg | 9 | 9 | 13,5 | 15,5 |
| OUTDOOR UNIT | PRODUCT DIMENSIONS (W*H*D) | mm | 732x555x330 | 802x555x350 | 873x555x376 | 958x660x402 |
| | NET WEIGHT | Kg | 23,5 | 27 | 37 | 42,5 |
| | OUTDOOR | | METALLIC | METALLIC | METALLIC | METALLIC |
| CONNECTION PIPE SIZE | | | | | | |
| PIPING SIZE | LIQUID | mm (inch) | 6,35 (1/4") | 6,35 (1/4") | 6,35 (1/4") | 6,35 (1/4") |
| | GAS | mm (inch) | 9,53 (3/8") | 9,53 (3/8") | 12,7 (1/2") | 15,88 (5/8") |
| | MAXIMUM PIPE LENGTH | m | 15 | 20 | 25 | 25 |
| | MAXIMUM PIPE HEIGHT | m | 10 | 10 | 10 | 10 |
| GENERAL SPECIFICATIONS | | | | | | |
| ALL DC INVERTER FUNCTION | | | YES | YES | YES | YES |
| OPERATION TEMPERATURE LIMIT | COOLING | °C | -15 ~ 50 | -15 ~ 50 | -15 ~ 50 | -15 ~ 50 |
| | HEATING | °C | -15 ~ 30 | -15 ~ 30 | -15 ~ 30 | -15 ~ 30 |
| REFRIGERANT | | | R32 | R32 | R32 | R32 |
| REFRIGERANT CHARGE | | kg | 0,50 | 0,60 | 0,95 | 1,40 |
| CO ₂ EQUIVELANT | | Tonnes | 0,33750 | 0,40500 | 0,64125 | 0,94500 |
| IONIZER | | | YES | YES | YES | YES |
| WiFi PRE-INSTALLED | | | YES | YES | YES | YES |
| FILTERS | | | HIGH DENSITY PREFILTER 1 x HEPA 3PLUS (HEPA/SILVER ION/BIOLOGY STERILIZATION) 1 x BIOLOGY STERILIZATION | | | |

► For more information about GOSAI air conditioners, please see pages 25-26.