

GHP TECHNICAL SPECIFICATIONS

| MODEL | | | | AXGP 224 E1 | AXGP 280 E1 | AXGP 355 E1 | AWGP 450 E1 | AWGP 560 E1 | AWGP 710 E1 | |
|--|-----------------------------|---------|--------------|-----------------------------------|-------------------------------------|-----------------------|-----------------------------------|-------------------------------------|-----------------------|-----------------------|
| RATED OUTPUT | | | | 8 HP | 10 HP | 13 HP | 16 HP | 20 HP | 25 HP | |
| RATED COOLING CAPACITY* | | | | KW (FRIG./H) | 22,4 (19.300) | 28,0 (24.000) | 35,5 (30.600) | 45,0 (38.800) | 56,0 (48.000) | 71,0 (61.000) |
| RATED HEATING CAPACITY** | | | | KW (KCAL/H) | 25,0 (21.500) | 31,5 (27.000) | 40,0 (43.400) | 50,0 (43.100) | 63,0 (54.300) | 80,0 (68.900) |
| MAXIMUM HEATING CAPACITY | | | | KW (KCAL/H) | 26,5 (22.900) | 33,5 (28.000) | 42,5 (36.500) | 53,0 (45.800) | 67,0 (57.600) | 84,0 (72.200) |
| ELECTRICAL FEATURES | POWER SUPPLY | | | V | 230 SINGLE PHASE | | | 230 SINGLE PHASE | | |
| | STARTING CURRENT | | | A | 20 | | | 20 | | |
| | POWER CONSUMPTION | COOLING | HEATING | KW | 0.34 | 0.44 | 0.57 | 1.06 | 1.10 | 1.37 |
| | | | | | 0.42 | 0.258 | 0.74 | 1.02 | 1.02 | 1.18 |
| | RUNNING CURRENT | COOLING | HEATING | A | 2.0 | 2.6 | 3.2 | 5.3 | | 7.4 |
| 2.5 | | | | | 3.2 | 4.0 | 5.0 | | 5.8 | |
| CONSUMPTION | GAS CONSUMPTION | COOLING | HEATING | KW | 15.0 | 19.2 | 26.4 | 31.0 | 40.7 | 55.1 |
| | | | | | 15.9 | 20.3 | 27.0 | 31.7 | 42.0 | 53.6 |
| ENGINE | TYPE | | | WATER-COOLED STRAIGHT 4-CYCLE OHV | | | WATER-COOLED STRAIGHT 4-CYCLE OHV | | | |
| | DISPLACEMENT | | | CM ³ | 952 | | | 1.998 | | |
| | RATED OUTPUT | | | KW | 5.0 | 6.2 | 7.9 | 12.1 | 12.4 | 15.7 |
| | REVOLUTION RANGE | COOLING | HEATING | RPM | 800~1.250 | 800~1.550 | 800~2.000 | 600~1.800 | 600~1.950 | 600~2.275 |
| | | | | | 800~2.100 | 800~2.700 | 800~2.900 | 600~2.125 | 600~2.600 | 600~2.600 |
| LUBRIFICATING OIL | TYPE | | | AISIN GHP OIL L10.000 G | | | AISIN GHP OIL L10.000 G | | | |
| | QUANTITY | LT. | | 30 | | | 32 | | | |
| ENGINE COOLANT | TYPE | | | AISIN COOLANT S | | | AISIN COOLANT S | | | |
| | QUANTITY | | | LT. | 15 | | | 23 | | 26 |
| | CONCENTRATION | | | % | 50 (COLD DISTRICT: 65) | | | 50 / 65 | | |
| COMPRESSOR | TYPE X NUMBER | | | SCROLL X 1 | | | SCROLL X 2 | | | |
| | SPECIFIED REFRIGERATION OIL | | | NL 10 | | | NL 10 | | | |
| | QUANTITY | | | LT. | 3 | | | 4 | | |
| | REVOLUTION RANGE | COOLING | HEATING | RPM | 1.640~2.563 | 1.640~3.178 | 1.640~4.100 | 1.170~3.510 | 1.170~3.803 | 1.170~4.436 |
| | | | | | 1.640~4.305 | 1.640~5.535 | 1.640~5.945 | 1.170~4.144 | 1.170~5.070 | 1.170~5.070 |
| TRANSMISSION | | | POLI V-BELTS | | | POLI V-BELTS | | | | |
| REFRIGERANT | TYPE | | | R410A | | | R410A | | | |
| | QUANTITY | | | KG | 11~11,4 | | | 11,5~11,9 | | |
| NOISE LEVEL | | | NORMAL MODE | DB(A) | 54 | 56 | 59 | 56 | 59 | 62 |
| | | | | | SILENT MODE | 52 | 54 | 57 | 54 | 57 |
| PIPING | REFRIGERANT | GAS | LIQUID | MM. | ∅ 19.1 | ∅ 22.2 | ∅ 25.4 | ∅ 28.58 | | ∅ 31.8 |
| | | | | | ∅ 9.5 | | | ∅ 12.7 | | ∅ 15.88 |
| | FUEL GAS PIPE | | | R 3 / 4" | | | R 3 / 4" | | | |
| | EXHAUST DRAIN PIPE | | | MM. | ∅ 15 (∅ 30 COLD DISTRICT) | | | ∅ 15 (∅ 30 PER ZONE FREDDE) | | |
| PERMISSIBLE PIPING LENGHT | | | | M. | 165 / 190 | | | 165 / 190 | | |
| PERMISSIBLE HEIGHT DIFFERENCE BETWEEN INDOORS UNITS | | | | | 15 | | | 15 | | |
| PERMISSIBLE HEIGHT DIFFERENCE BETWEEN INDOORS AND OUTDOORS UNITS | | | | | + 50 / - 40 | | | + 50 / - 40 | | |
| EXTERNAL DIMENSION | | | HEIGHT | MM. | 2.077 | | | 2.077 | | |
| | | | WIDTH | | 1.400 | | | 1.660 | | |
| | | | DEPTH | | 880 | | | 880 | | |
| WEIGHT (COLD DISTRICT) | | | | KG | 570 (575) | | 607 | 750 (755) | | 760 (765) |
| CONNECTABLE INDOOR UNITS | | | | NUMBER | 20 (13 COLD DISTRICT) | 25 (16 COLD DISTRICT) | 32 (20 COLD DISTRICT) | 40 (26 COLD DISTRICT) | 50 (33 COLD DISTRICT) | 63 (41 COLD DISTRICT) |
| | | | | CAPACITY | % 50 - 200 (50 - 130 COLD DISTRICT) | | | % 50 - 200 (50 - 130 COLD DISTRICT) | | |

*35 °C COOLING MODE

**7 °C HEATING MODE