

AIR COOLED PISTON COMPRESSORS



Model Selection

- Define the predicted air volume required, plus 30% to allow for an appropriate duty cycle.
- Consider any predictable future increase in air volume demand as a result of such things as increased automation equipment.
- The correct selection will minimize capital and power consumption costs.

Control System Selection

- **Automatic Unloader System “U” Type**
The automatic unloading system allows for the control of loaded and unloaded compressor states through a range of pre-set pressure values.
This system is recommended where the duty cycle exceeds 50%, and for all larger compressors units.
- **Pressure Switch System “P” Type**
The automatic pressure switch will stop and start the compressor according to air demand. It is normally recommended for intermittent operation and smaller compressor units.



HWP-310V



HVU-203E



HVP-203

| Specification | MODEL | H SERIES, ENGINE, HV SERIES, AIR COOLED PORTABLE TYPE | | | | | |
|--|--|---|--------------------------|-------------|------------|------------|------------|
| | | HVU-203 HVP-203 | HVU-203E | HVU-205E | HVP-205V | HWP-307V | HWP-310V |
| Motor / Engine | kw | 2.2 | Honda GX160 | Yanmar L100 | 3.5 | 5.5 | 7.5 |
| | hp | 3 | 5.5 | 10 | 5 | 7.5 | 10 |
| Working Pressure | kg/cm ² /lb/in ² | 12 / 175 | 12 / 175 | 12 / 175 | 12 / 175 | 12 / 175 | 12 / 175 |
| Compressor Speed | rpm | 960 | 960 | 900 | 900 | 850 | 850 |
| F.A.D | l/min | 270 | 270 | 406 | 442 | 633 | 830 |
| Tank Capacity | liter | 237 | 175 / 237 | 237 | 250 | 250 | 250 |
| Compressor Block Physical Dimension | LxWxH cm | 50x33x40 | 50x33x40 | 56x38x46 | 56x38x46 | 62x48x53 | 65x48x54 |
| | kg | 47 | 47 | 67 | 67 | 93 | 95 |
| Compressor Unit Physical Dimension | LxWxH cm | 147x55x110 | 110x55x110 147x55x110 | 147x55x110 | 110x56x175 | 120x67x187 | 120x67x187 |
| | kg | 205 | 220 | 240 | | | |