

# 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	4	5.5	7.5
	hp	3	5.5	10	5.5	7.5	10
Working Pressure	kg/cm <sup>2</sup> /lb/in <sup>2</sup>	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	300	300	300
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			