



## AP190F 8.2kW@3600RPM 420CC 13HP OHV HORIZONTAL GASOLINE ENGINE

### Powerful. Reliable. EasyStart. Fuel Efficient.

The AiPower AP190F provides reliable power for your small replacement engine application. This engine has a displacement of 420cc/13hp. It is a single cylinder, air-cooled, 4-stroke engine with a gasoline saving OHV for cooler, cleaner performance and longer life. Its horizontal shaft is ball-bearing mounted, making this engine an ideal replacement for most standard engine configurations. And it features a durable cast iron cylinder sleeve which makes it a perfect replacement engine for air compressor, compactor, cutter, vibrator, pressure washer, water pump, tiller, log-splitter, chipper, lawn mower and more. It provides plenty of power to get the job done.



MODEL	AP190F
Engine Type	Gasoline Engine
Bore x Stroke	90x66
Displacement	420CC
Starting system	Recoil
Compression ratio	8.5:1
Horse Power	13HP
Rated Output (Kw@3600rpm)	8.2Kw@3600rpm
Max.Torque (Kw@2800rpm)	24.5N.M/2500rpm
PTO Shaft Rotation (From PTO Shaft S	Counterclockwise
Output Shaft	1" Dia. - 3-1/2" L
Shaft Keyway	1/4"
Shaft End (Tapered)	3/8-24unf
Mounting Pattern	Standard
Carburetor	Butterfly
Ignition Type	Transistorized Ignition
Lubrication System	Splash
Governor System	Mechanical
Low Oil Shut Down	Automatic
Air Cleaner (Dual element)	Filter Paper and Foamed Plastic
Fuel Consumption	≤374g/kw/h
Fuel tank capacity	1.43Gl. (6.5L)
Oil Capacity	1Qt. (1.1L)
Recommended Oil	SAE 10W-30
Net Weight	68.3Lbs / 31Kgs
Gross Weight (kgs)	73.9Lbs / 33.5Kgs
Packing(L*W*H,mm)	495x405x470
Q'ty (20GP/40HQ)	350/ 725
Warranty	6 Months / 500Hrs

### FEATURES

#### FUEL EFFICIENT, HIGH OUTPUT OPERATION

OHV design for increased efficiency and optimal power transfer  
High compression ratio for better fuel efficiency

#### SMOOTH PERFORMANCE

Ball bearing supported crankshaft for greater stability  
Precision engineered components result in lower vibration

#### RELIABILITY

Cast iron sleeves provides durability and extended life  
Dual element air filter protects engine while allowing extended service interval  
Low oil shutdown safeguards engine from damage automatically  
Carburetor chamber coating and filter help protect against fuel impurity

#### EASY TO USE AND MAINTAIN

Simple throttle control  
Heavy duty all-steel fuel tank  
Dual oil drains and fill  
Automatically safeguards engine from damage  
Easy accessible spark plug

#### EASY STARTING

Oversized heavy duty recoil starter  
Ergonomic, easy to grip recoil rope design

