

AIR COMPRESSOR GW185B-7

POWERED BY ISUZU JE493ZYA



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MAIN IMPROVEMENTS

- **Easy Starting in Cold Weather**

This compressor is superior in cold weather starting.

- **Meters with Luminous Lights**

Meters on operation panel are equipped with luminous light.

- **Reliable Warning Signal**

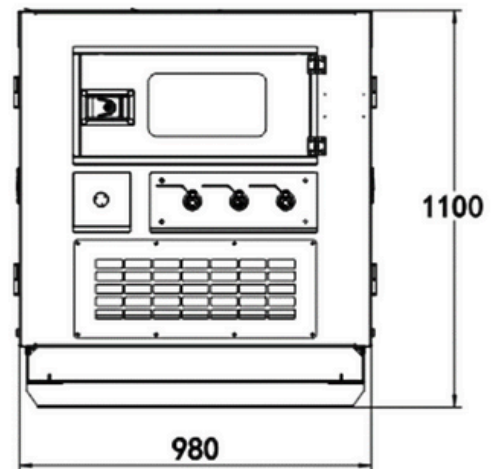
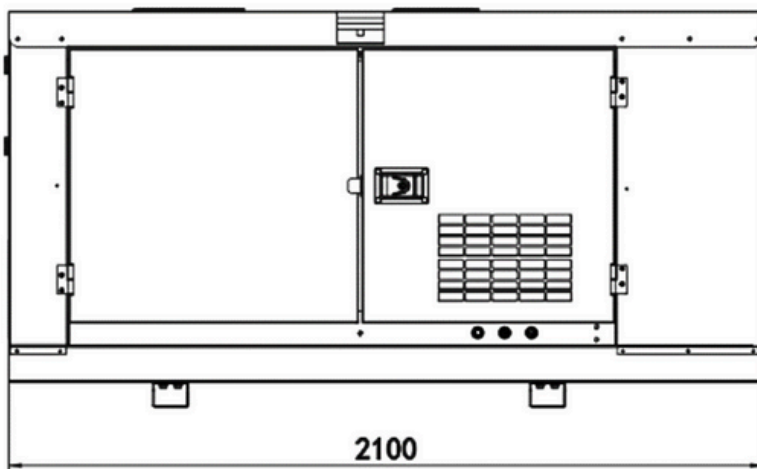
Warning signals have luminiscent diode and so become more reliable.

- **Double Element Air Cleaner**

Double element air cleaner prevents dust from entering when replacing element.

- **Easy Cleaning of Cooling System**

This compressor is so designed that the interiors of radiator and oil cooler and also fuel tank can be easily and quickly clean



Front



Back

COMPRESSORS

Type	Rotary twin screw, single stage, oil-cooled
Free air delivery	5.2 m ³ /min(185 cfm)
Working pressure	7 bar (101.5 psi)
Unloader	Suction port closing in connection with stepless speed regulator
Lubrication system	Forced lubrication by compression pressure
Driving system	Direct coupling with rubber
Oil cooling	Air-cooled
Air cleaner	Dry paper filter type

OIL SEPARATOR-RECEIVER TANK

Type	Vertical, cylindrical, full-welded
Shell dia	250 mm
Shell length	784 mm
Capacity	32 L
Max.working pressure	1.58MPa
Hydraulic test pressure	2.37MPa
Air outlet valve	3pcs x 3 /4''
Recommend Oil type	#46

DIESEL ENGINE

Model	ISUZU JE493ZYA
Type	Water-cooled, 4-cycle, Direct-Injection, Turbo-charged
No. Of cylinders	4
Bore x stroke	93 mm x 102 mm
Total displacement	2.771 liters
Compression ratio	18.2 : 1
Rated output	50 kW(67HP) 2,500rpm
Max.torque	206 N.m/approx.2,000rpm
Governor	Mechanical
Alternator	DC 14 V, 50 A
Starting motor	DC 12 V, 2.8 kw
Battery	60AH X 1 pcs, 580CCA
Air cleaner	Two-stage dry type

LIQUID CAPACITY

Fuel tank capacity	80 liters
Engine oil capacity	5 liters
Coolant capacity	8 liters
Compressor oil capacity	32 liters

INSTRUMENTS & GAUGES

EMERGENCY STOP DEVICES

Oil pressure switch
 Engine coolant temperature switch
 Discharge air temperature switch
 Compressor oil temperature switch
 Engine speed down switch

GAUGES

Air Pressure gauge	Tachometer
Fuel level gauge	Engine oil pressure
Stop button	Engine coolant temp
Starter switch	Discharge air temp
Starting Loader	Discharge air pressure
	Hourmeter

DIMENSIONS & WEIGHT

L x W x H	2100 x 980 x 1100 mm
Weight	930 Kg
20ft container	10 sets
40HQ container	22 sets

SAFETY

- Operate safely in accordance with proper operation manual.
- To prevent trouble and accidents, perform daily and preventive maintenance checks without fail.

