Universal's Silent Partner

4 KW DIESEL

Model 4D18
Diesel Marine Generator
4,000 WATTS
installation dimensions

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Amperage</th>
<th>Hertz</th>
<th>Phase</th>
<th>Leads</th>
<th>Watts</th>
<th>R.P.M.</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>4D18</td>
<td>120/240</td>
<td>33/17</td>
<td>60</td>
<td>1</td>
<td>3</td>
<td>4,000</td>
<td>1800</td>
<td>400 lbs</td>
</tr>
</tbody>
</table>

standard engine features

- 2 cylinder diesel — low vibration characteristics.
- 35 cu. in. displacement — power to spare.
- 4 cycle, 1800 r.p.m. design — long life.
- Fresh water cooled — no corrosion.
- Water cooled exhaust manifold — low compartment temperature.
- Water injected exhaust elbow with heat sensor — automatic shut-down on cooling system failure.
- Full pressure lubrication (2 qt.) — less wear.
- Spin-on fuel and oil filters — ease of maintenance.
- Oil drain hose — ease of service.
- Decompression capability — startable with low battery power.
- Vibration isolator mounted — reduction of sound and vibration.
- 12 volt relay control system — easy to service.
- High water temp., low oil pressure shut-down — automatic safety feature.
- 14 amp. 12 volt engine mounted alternator — keeps starting battery fully charged.
- Electric fuel pump — fast starting ability.
- Fuel consumption in gal/hr —
  - no load = .1, half load = .2, full load = .3
- Zinc anode in cooling system — prevents electrolysis.

standard generator features

- Direct coupled to engine — no belts to wear or replace.
- 4 pole self regulated — automatic voltage control.
- ± 3% voltage and frequency regulation — quality power.
- Brushless rotating field design — no maintenance.
- Sealed ball bearings — needs no added lubrication.
- Class “F” insulation — long life operation.
- Meets all temperature rise codes — NEMA, IEEE, ANSI, NEC.
- Standard color — bronze (white optional).

optional accessories

Remote control panel, transfer switch, drip pan, spare parts kit, sound shield.

distributed by:

Universal Motors
P.O. BOX 3008 • OSHKOSH, WISCONSIN 54903
(414) 231-4100

Specifications subject to change without notice.
installation dimensions

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Amperage</th>
<th>Hertz</th>
<th>Phase</th>
<th>Leads</th>
<th>Watts</th>
<th>R.P.M.</th>
<th>Weight</th>
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</thead>
<tbody>
<tr>
<td>5-36D</td>
<td>120/240</td>
<td>42/21</td>
<td>60</td>
<td>1</td>
<td>3</td>
<td>5,000</td>
<td>3600</td>
<td>290 lbs</td>
</tr>
</tbody>
</table>

**standard engine features**

- 2 cylinder diesel — low vibration characteristics.
- 26 cu. in. displacement — power to spare.
- 4 cycle, 3600 r.p.m. design — high power to size.
- Fresh water cooled — no corrosion.
- Water cooled exhaust manifold — low compartment temperature.
- Water injected exhaust elbow with heat sensor — automatic shut-down on cooling system failure.
- Full pressure lubrication (1.5 qt.) — less wear.
- Spin-on fuel and oil filters — ease of maintenance.
- Oil drain hose — ease of service.
- Vibration isolator mounted — reduction of sound and vibration.
- 12 volt relay control system — easy to service.
- High water temp., low oil pressure shut-down — automatic safety feature.
- 14 amp. 12 volt engine mounted alternator — keeps starting battery fully charged.
- Electric fuel pump — fast starting ability.
- Fuel consumption in gal/hr — no load = .3, half load = .4, full load = .8
- Zinc anode in cooling system — prevents electrolysis.

**standard generator features**

- Direct coupled to engine — no belts to wear or replace.
- 2 pole self regulated — automatic voltage control.
- ± 3% voltage and frequency regulation — quality power.
- Slip ring D.C. brushes — long life.
- Sealed ball bearings — needs no added lubrication.
- Class “F” insulation — long life operation.
- Meets all temperature rise codes — NEMA, IEEE, ANSI, NEC.
- Standard color — bronze (white optional).

**optional accessories**

Remote control panel, transfer switch, drip pan, spare parts kit, sound shield.

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installation dimensions

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<tr>
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<th>Amperage</th>
<th>Hertz</th>
<th>Phase</th>
<th>Leads</th>
<th>Watts</th>
<th>R.P.M.</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.5DP</td>
<td>120/240</td>
<td>54/27</td>
<td>60</td>
<td>1</td>
<td>3</td>
<td>6,500</td>
<td>1800</td>
<td>460 lbs.</td>
</tr>
</tbody>
</table>

standard engine features

3 cylinder diesel — low vibration characteristics.  
52 cu. in. displacement — power to spare.  
4 cycle, 1800 r.p.m. design — long life.  
Fresh water cooled — no corrosion.  
Water cooled exhaust manifold — low compartment temperature.  
Water injected exhaust elbow with heat sensor — automatic shut-down on cooling system failure.  
Full pressure lubrication (4 qt.) — less wear.  
Spin-on fuel and oil filters — ease of maintenance.  
Oil drain hose — ease of service.  
Decompression capability — startable with low battery power.  
Vibration isolator mounted — reduction of sound and vibration.  
12 volt relay control system — easy to service.  
Control box relocatable — flexibility.  
High water temp., low oil pressure shut-down — automatic safety feature.  
14 amp. 12 volt engine mounted alternator — keeps starting battery fully charged.  
Electric fuel pump — fast starting ability.  
Fuel consumption in gal/hr —  
no load = .1, half load = .3, full load = .6  
Zinc anode in cooling system — prevents electrolysis.

standard generator features

Direct coupled to engine — no belts to wear or replace.  
4 pole electronically regulated — close voltage control.  
± 2% voltage and ± 3% frequency regulation — quality power.  
Brushless rotating field design — no maintenance.  
Sealed ball bearings — needs no added lubrication.  
Class “F” insulation — long life operation.  
Meets all temperature rise codes — NEMA, IEEE, ANSI, NEC.  
Standard color — bronze (white optional).

optional accessories

Remote control panel, transfer switch, drip pan, spare parts kit, sound shield.

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Specifications subject to change without notice.
Universal's Silent Partner

8 KW GASOLINE

Model 8GF
Gasoline Marine Generator
8,000 WATTS
installation dimensions

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Amperage</th>
<th>Hertz</th>
<th>Phase</th>
<th>Leads</th>
<th>Watts</th>
<th>R.P.M.</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>8GF</td>
<td>120/240</td>
<td>67/33</td>
<td>60</td>
<td>1</td>
<td>3</td>
<td>8,000</td>
<td>1800</td>
<td>480 lbs</td>
</tr>
</tbody>
</table>

standard engine features

4 cylinder gasoline — low vibration characteristics.
67 cu. in. displacement — power to spare.
4 cycle, 1800 r.p.m. design — long life.
Fresh water cooled — no corrosion.
Water cooled exhaust manifold — low compartment temperature.
Water injected exhaust elbow with heat sensor — automatic shut-down on cooling system failure.
Full pressure lubrication (3.5 qt.) — less wear.
Filters and pumps on one side — easy to service.
Spin-on oil filter — ease of maintenance.
Oil drain hose — ease of service.
Vibration isolator mounted — reduction of sound and vibration.
12 volt relay control system — easy to service.
High water temp., low oil pressure shut-down — automatic safety feature.
Overspeed shut-down — product protection.
50 amp. 12 volt engine mounted alternator — keeps starting battery fully charged.
Electric fuel pump — fast starting ability.
Fuel consumption in gal/hr —
no load = .1, half load = .6, full load = 1.1
Zinc anode in cooling system — prevents electrolysis.
Breakerless ignition — no points to replace.
Meets Coast Guard regulations — safety assured.

Specifications subject to change without notice.

standard generator features

Direct coupled to engine — no belts to wear or replace.
4 pole electronically regulated — close voltage control.
± 2% voltage and ± 3% frequency regulation — quality power.
Brushless rotating field design — no maintenance.
Sealed ball bearings — needs no added lubrication.
Class “F” insulation — long life operation.
Meets all temperature rise codes — NEMA, IEEE, ANSI, NEC.
Standard color — bronze (white optional).

optional accessories

Remote control panel, transfer switch, drip pan, spare parts kit, sound shield.

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Universal's Silent Partner

8 KW DIESEL

Model 8DP
Diesel Marine Generator
8,000 WATTS
installation dimensions

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Amperage</th>
<th>Hertz</th>
<th>Phase</th>
<th>Leads</th>
<th>Watts</th>
<th>R.P.M.</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>8DP</td>
<td>120/240</td>
<td>66/33</td>
<td>60</td>
<td>1</td>
<td>3</td>
<td>8,000</td>
<td>1800</td>
<td>460 lbs.</td>
</tr>
</tbody>
</table>

standard engine features

- 3 cylinder diesel — low vibration characteristics.
- 57 cu. in. displacement — power to spare.
- 4 cycle, 1800 r.p.m. design — long life.
- Fresh water cooled — no corrosion.
- Water cooled exhaust manifold — low compartment temperature.
- Water injected exhaust elbow with heat sensor — automatic shut-down on cooling system failure.
- Full pressure lubrication (4 qt.) — less wear.
- Spin-on fuel and oil filters — ease of maintenance.
- Oil drain hose — ease of service.
- Decompression capability — startable with low battery power.
- Vibration isolator mounted — reduction of sound and vibration.
- 12 volt relay control system — easy to service.
- Control box relocatable — flexibility.
- High water temp., low oil pressure shut-down — automatic safety feature.
- 14 amp. 12 volt engine mounted alternator — keeps starting battery fully charged.
- Electric fuel pump — fast starting ability.
- Fuel consumption in gal/hr — no load = .1, half load = .4, full load = .8
- Zinc anode in cooling system — prevents electrolysis.

standard generator features

- Direct coupled to engine — no belts to wear or replace.
- 4 pole electronically regulated — close voltage control.
- ± 2% voltage and ± 3% frequency regulation — quality power.
- Brushless rotating field design — no maintenance.
- Sealed ball bearings — needs no added lubrication.
- Class "F" insulation — long life operation.
- Meets all temperature rise codes — NEMA, IEEE, ANSI, NEC.
- Standard color — bronze (white optional).

optional accessories

Remote control panel, transfer switch, drip pan, spare parts kit, sound shield.

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Specifications subject to change without notice.
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12 KW DIESEL

Model 12D-40
Diesel Marine Generator
12,000 WATTS
**standard engine features**

- 4 cylinder diesel — low vibration characteristics.
- 91 cu. in. displacement — power to spare.
- 4 cycle, 1800 r.p.m. design — long life.
- Fresh water cooled — no corrosion.
- Water cooled exhaust manifold — low compartment temperature.
- Water injected exhaust elbow with heat sensor — automatic shut-down on cooling system failure.
- Full pressure lubrication (8.5 qt.) — less wear.
- Filters and pumps on one side — easy to service.
- Spin-on fuel and oil filters — ease of maintenance.
- Oil drain hose — ease of service.
- Decompression capability — startable with low battery power.
- Vibration isolator mounted — reduction of sound and vibration.
- 12 volt relay control system — easy to service.
- Control box relocatable — flexibility.
- High water temp., low oil pressure shut-down — automatic safety feature.
- 50 amp. 12 volt engine mounted alternator — keeps starting battery fully charged.
- Electric fuel pump — fast starting ability.
- Fuel consumption in gal/hr —
  - no load = .1, half load = .5, full load = 1.0
- Zinc anode in cooling system — prevents electrolysis.

**standard generator features**

- Direct coupled to engine — no belts to wear or replace.
- 4 pole self regulated — automatic voltage control.
- ± 3% voltage and frequency regulation — quality power.
- Brushless rotating field design — no maintenance.
- Sealed ball bearings — needs no added lubrication.
- Class "F" insulation — long life operation.
- Meets all temperature rise codes — NEMA, IEEE, ANSI, NEC.
- Standard color — bronze (white optional).

**optional accessories**

Remote control panel, transfer switch, drip pan, spare parts kit, sound shield.

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Specifications subject to change without notice.
installation dimensions

Model | Voltage  | Amperage | Hertz | Phase | Leads | Watts | R.P.M. | Weight
-----|----------|----------|-------|-------|-------|-------|--------|--------
12GF  | 120/240  | 100/50   | 60    | 1     | 3     | 12,000| 1800   | 600 lbs.

standard engine features

4 cylinder gasoline — low vibration characteristics.
79 cu. in. displacement — power to spare.
4 cycle, 1800 r.p.m. design — long life.
Fresh water cooled — no corrosion.
Water cooled exhaust manifold — low compartment temperature.
Water injected exhaust elbow with heat sensor — automatic shut-down on cooling system failure.
Full pressure lubrication (3.5 qt.) — less wear.
Filters and pumps on one side — easy to service.
Spin-on oil filter — ease of maintenance.
Oil drain hose — ease of service.
Vibration isolator mounted — reduction of sound and vibration.
12 volt relay control system — easy to service.
High water temp., low oil pressure shut-down — automatic safety feature.
Overspeed shut-down — product protection.
50 amp. 12 volt engine mounted alternator — keeps starting battery fully charged.
Electric fuel pump — fast starting ability.
Fuel — unleaded or leaded gasoline.
Fuel consumption in gal/hr — no load = .1, half load = .9, full load = 1.6
Zinc anode in cooling system — prevents electrolysis.
Meets Coast Guard regulations — safety assured.

standard generator features

Direct coupled to engine — no belts to wear or replace.
4 pole self regulated — automatic voltage control.
± 3% voltage and frequency regulation — quality power.
Brushless rotating field design — no maintenance.
Sealed ball bearings — needs no added lubrication.
Class “F” insulation — long life operation.
Meets all temperature rise codes — NEMA, IEEE, ANSI, NEC.
Standard color — bronze (white optional).

optional accessories

Remote control panel, transfer switch, drip pan, spare parts kit, sound shield.

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Specifications subject to change without notice.
# Universal Price List

**Effective May 1, 1988**

**Marine Generators**

*Universal — The Leader In Marine Engines Since 1898*

<table>
<thead>
<tr>
<th>Model</th>
<th>Rating (KW)</th>
<th>Fuel</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>4D18</td>
<td>4.0</td>
<td>Diesel</td>
<td>$5,405</td>
</tr>
<tr>
<td>5DT</td>
<td>5.0</td>
<td>Diesel</td>
<td>4,765</td>
</tr>
<tr>
<td>6.5DP</td>
<td>6.5</td>
<td>Diesel</td>
<td>6,765</td>
</tr>
<tr>
<td>8DP</td>
<td>8.0</td>
<td>Diesel</td>
<td>6,995</td>
</tr>
<tr>
<td>12D40</td>
<td>12.0</td>
<td>Diesel</td>
<td>8,640</td>
</tr>
<tr>
<td>15D50</td>
<td>15.0</td>
<td>Diesel</td>
<td>9,555</td>
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<td>8GF</td>
<td>8.0</td>
<td>Gasoline</td>
<td>5,775</td>
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<tr>
<td>12GF</td>
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<td>Gasoline</td>
<td>6,997</td>
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**Options**

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<thead>
<tr>
<th>Item</th>
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<tbody>
<tr>
<td>Remote Control Panel (Diesel)</td>
<td>300999</td>
<td>$30.00</td>
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<tr>
<td>Remote Control Panel (Gasoline)</td>
<td>302000</td>
<td>70.00</td>
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<tr>
<td>Deluxe Remote Control Panel (Diesel)</td>
<td>301535</td>
<td>190.00</td>
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<tr>
<td>Deluxe Remote Control Panel (Gasoline)</td>
<td>302254</td>
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<tr>
<td>Control Box Wire Harness Extension (5 Ft.)</td>
<td>301955</td>
<td>18.00</td>
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<tr>
<td>Drip Pan (24&quot; x 11-3/4 x 3/4&quot;)</td>
<td>301090</td>
<td>25.00</td>
</tr>
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Fresh Water Cooling Standard (All Models)

Prices and Specifications subject to change without notice.

All Prices F.O.B. Oshkosh, Wisconsin, U.S.A.