PURECELL SYSTEM BENEFITS

Energy Security
Proven PAFC fuel cell technology that is setting durability records

Energy Productivity
Increased efficiency and continuous on-site generation reduces energy costs

Energy Responsibility
Ultra-low emissions equals sustainability

PURECELL SYSTEM BENEFITs

Energy Security
Proven PAFC fuel cell technology that is setting durability records

Energy Productivity
Increased efficiency and continuous on-site generation reduces energy costs

Energy Responsibility
Ultra-low emissions equals sustainability

RATED POWER OUTPUT: 460KW, 480VAC, 50/60HZ

FUEL
Supply................................................................. Natural Gas
Inlet Pressure ........................................... 10 to 14 in. water (2.5 - 3.5 mbar)

EMISSIONS
NOx ......................................................... 0.02 lbs/MWh (0.009 kg/MWh)
CO ......................................................... 0.01 lbs/MWh (0.005 kg/MWh)
VOC ......................................................... 0.01 lbs/MWh (0.005 kg/MWh)
SO2 ............................................................... Negligible
Particulate Matter ........................................ Negligible
CO2 ........................................................... 998 lbs/MWh (454 kg/MWh)

OTHER
Ambient Operating Temp ......................... -20°F to 104°F (-29°C to 40°C)
Relative Humidity ........................................ 0 to 100%
Sound Level .............................................. <65 dBA @ 33 ft. (10m)
Water Consumption ................................. None (up to 80°F (30°C) Ambient Temp.)
Water Discharge ....................................... None (Normal Operating Conditions)

CODES AND STANDARDS
ANSI/CSA FC1-2014: Stationary Fuel Cell Power Systems
UL1741-2010: Inverters for Use With Distributed Energy Resources

NOTES
1. Average performance during 1st year of operation.
2. Based on natural gas higher heating value of 1025 Btu/SCF (40.4 MJ/Nm3)
3. Emissions based on 440 kW operation.
4. Fuel cells are exempt from air permitting in many U.S. states.
5. Includes CO2 emissions savings due to reduced on-site boiler gas consumption
PureCell®
Model 400

SYSTEM DIMENSIONS

Power Module

Cooling Module

TOP VIEW

SIDE VIEW

PHYSICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th></th>
<th>Power Module</th>
<th>Cooling Module</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length (ft. 11&quot;)</td>
<td>28' 11&quot; (8.74m)</td>
<td>15' 11&quot; (4.85m)</td>
</tr>
<tr>
<td>Width (ft. 4&quot;)</td>
<td>8' 4&quot; (2.54m)</td>
<td>7' 10&quot; (2.39m)</td>
</tr>
<tr>
<td>Height (ft. 1&quot;)</td>
<td>9' 1&quot; (3.02m)</td>
<td>6’ 0” (1.83m)</td>
</tr>
<tr>
<td>Weight (lb)</td>
<td>57,000 lb (27,216 kg)</td>
<td>3,190 lb (1,447 kg)</td>
</tr>
</tbody>
</table>

PURECELL ADVANTAGE

OFFSET 3x MORE CO₂

USE LESS LAND

CAPACITY FACTOR

CO₂ OFFSET

979,398 kg
268,175 kg
539,954 kg

Doosan Fuel Cell America, Inc.
Corporate Headquarters
195 Governor's Highway
South Windsor, CT 06074
860.727.2253
www.doosanfuelcell.com

The manufacturer reserves the right to change or modify, without notice, the design or equipment specifications without incurring any obligation either with respect to equipment previously sold or in the process of construction. The manufacturer does not warrant the data on this document.

Copyright © 2018 by Doosan Fuel Cell America, Inc. All rights reserved. This document contains no technical information subject to U.S. Export Regulations. Rev 6.2018