

Application Questionnaire

Customer Information:

Name: _____ Organization: _____

Title: _____ Address: _____

Email: _____

Phone: _____ City: _____

Fax: _____ State/Zip: _____

How would you like to be contacted? (phone, fax, email, other) _____

For all systems:

1. What is your application? (architectural glass, solar, LCD, semiconductor, other) _____
2. Has the coating system design been finalized? _____
3. What is your current or anticipated substrate width? _____
4. What is your substrate material? _____
5. What uniformity is required? +/- _____%
6. What target materials do you intend to use? _____
7. What is your anticipated power supply type? (DC, pulsed DC, Mid-Freq AC, RF) - indicate all that apply: _____
8. Intended maximum power: _____ kW _____ amps (if AC)
9. Orientation you intend the cathodes to operate? (horizontal, vertical): _____
10. Will the cathodes be on a lid, on a hinged door, or side mounted? _____
11. What is the source to substrate distance desired? _____

For system Upgrades: (Answer this section if the cathodes are going into an existing coater)

1. Original system manufacturer: _____
2. System designation (if known): _____
3. For lid applications, will you be retrofitting existing lids or building new lids? _____
4. Do you currently have any of these on the lid (check all that apply):

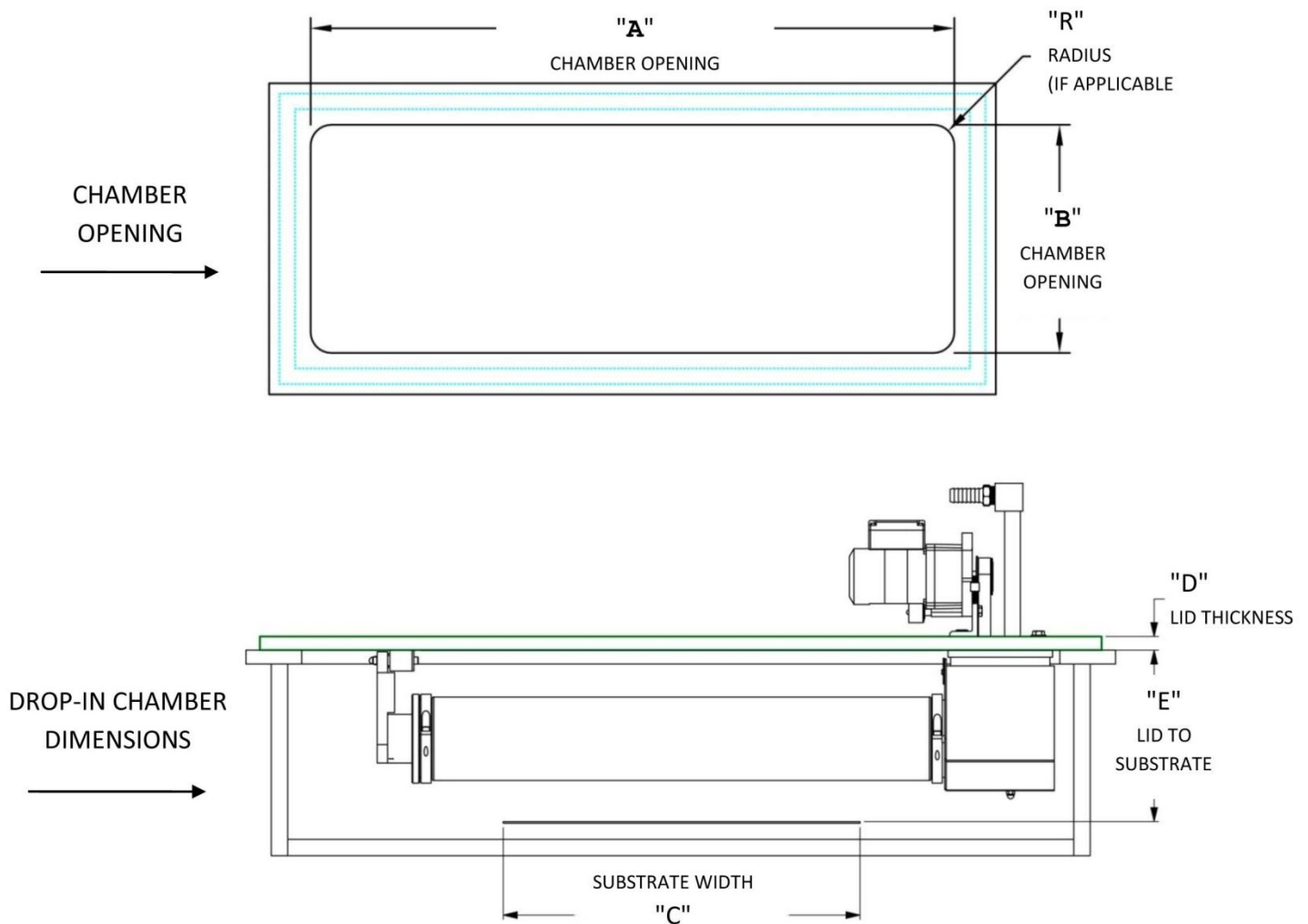
Anodes _____ Gas manifolds _____ Flow controllers _____ Power supplies _____

Quantity, Timing, and Start-up Support:

1. How many magnetrons will you need for your system? _____
2. What is your required delivery date? _____
3. Will you require start-up support? _____

Drop-in Chamber Information

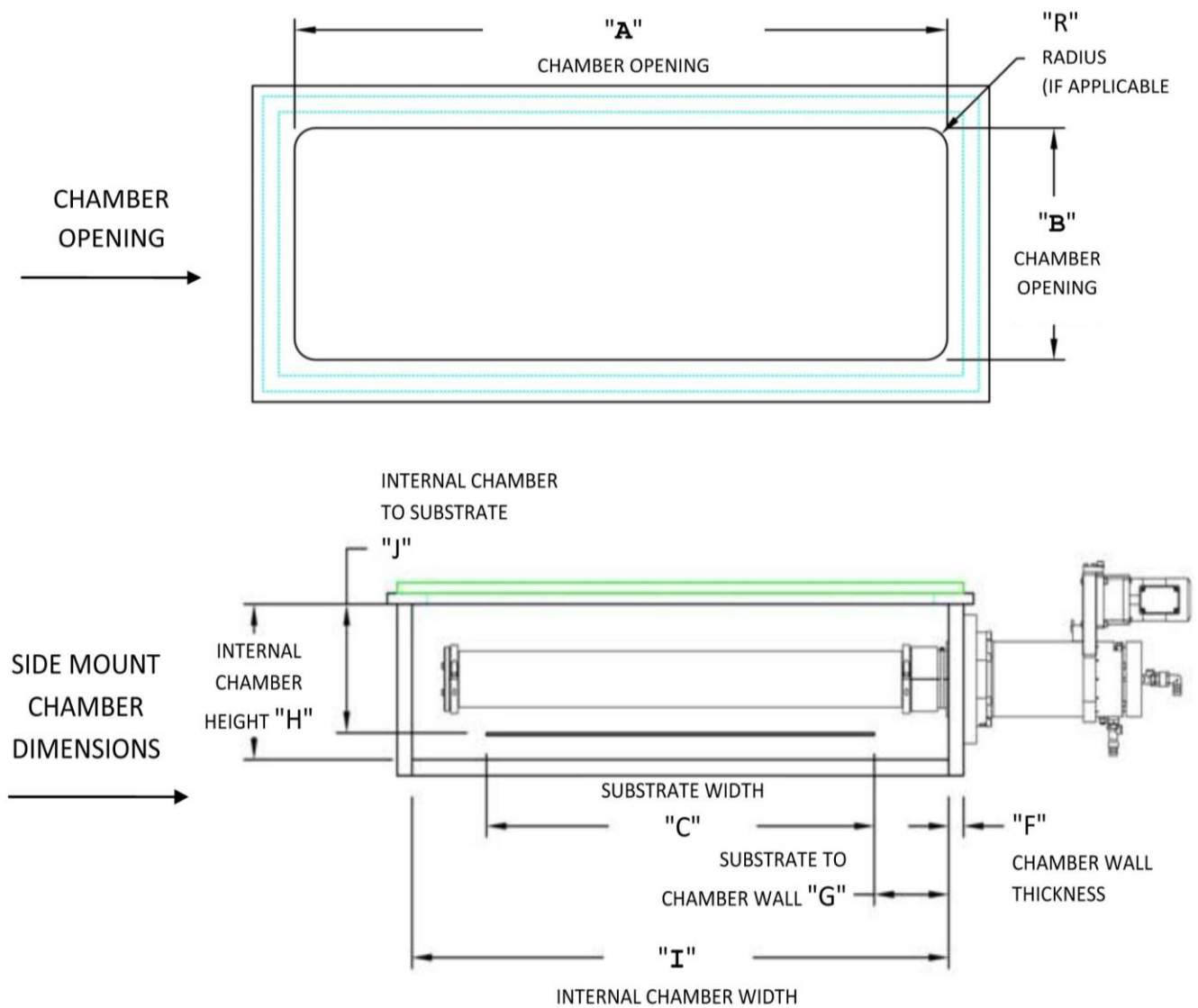
Fill-in appropriate measurements:



1. Is the substrate centered in the chamber opening? _____
2. What is the cathode mounting position? (horizontal or vertical) _____
3. If vertical mounting, what is the hinge location? (side hinge, bottom hinge, pull-out door) _____
4. What is the TTS? (desired target-to-substrate distance): _____

Side-Mount Chamber Information

Fill-in appropriate measurements:



1. What is the cathode mounting position? (side, bottom, or top mounted): _____
2. What is the desired TTS? (target to substrate distance): _____