

Planning and Design Checklist

for Selecting & Sizing Environmental Control Equipment

Where is the job site location? _____

CITY

STATE

Rooms Specifics

Room	Room Size (L x W)	# of Grow Lights	Design Temperature	Relative Humidity	Tolerance around Design T&H	Room Construction (interior walls, exterior walls, etc)
1						
2						
3						
4						
5						

What types of grow lights are being utilized? _____

How many watts per light? _____ How many plants per light? _____

How many gallons of water per day will each plant receive? _____

How are you dealing with CO₂? _____

Is your garden going to be in a new building or existing? NEW EXISTING

Any air conditioning currently in place? NO YES (TYPE) _____

Will the project use Chilled Water or DX? CHILLED WATER DX

Ideal equipment location: FLOOR-MOUNTED CEILING-MOUNTED

What is the project time line? _____

Vendors

Who is your engineer designing your air conditioning system?	Who is your environmental control vendor?	Who is the contractor installing the air conditioning equipment?

What method are you using to control mold? _____

Is there a sense of the grow schedule (how many harvest per year)? _____

Is any financing or leasing required? _____