

REZNOR MAPS UNITS: Selection Form

Customer Name: _____
Job Name: _____
Bid Date: _____
Contact Phone: _____
Contact Fax: _____
E-mail: _____

To accurately select and quote MAPS units, the following information is required:

Applies to Models: RCA, RDCA, RDA, RDDA, RECA, REDA, AHDA

RCA is cooling only ~ no heating section.

RDCA is gas heating and cooling, no dehumidification and reheat.

RDA is cooling only with dehumidification and reheat.

RDDA is gas heating with cooling and dehumidification and reheat.

RECA is electric heating with cooling.

REDA is electric heating with cooling, dehumidification and reheat.

AHDA is electric, hot water, or gas heating sections with cooling, dehumidification and reheat. It is a spit system with main cooling coil compressors by others.

Model: _____

Cooling Entering Conditions: _____ DB _____ WB

Cooling Leaving Conditions: _____ DB _____ WB

Heating Entering Conditions: _____ F degrees: Leaving _____ F degrees

External Static Pressure (supply) _____ External Static Pressure (return) _____

Voltage _____ Volts _____ Phase 60 Hertz

Configuration:

1. Unit location: Indoor ____ Rooftop ____ Outdoor Pad Mounted ____
Other _____
2. Supply air discharge direction: Horizontal ____ Vertical Down ____
Other _____
3. Curbing: 16" insulated for vertical down discharge _____ 30" insulated, for
horizontal discharge, 7000 CFM Max _____ 36" insulated, for horizontal
discharge, 10,000 CFM Max _____ Seismic _____ Vibration rails

Heating section:

4. Natural Gas ____ Propane _____ Electric _____
5. CFM _____ BTU _____
6. For gas fired units, choose one of the following: 3 stages of firing _____
6:1 modulation _____

Cooling Section: *Minimum three stages of cooling is standard on all MAPS Units*

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7. CFM _____ BTU _____
8. R22 _____ 407C _____
9. Hot Gas By-Pass on First Stage of Cooling _____
10. Hot Gas By-Pass on First Two Stages of Cooling _____
11. Sub-cooling Reheat _____ *Note: available only on units up to 14 tons*
12. Is Dehumidification and Reheat Required? Yes _____ No _____
Note: must be "D" series unit..

Operating Controls:

13. MAPS units have standard discharge air controls. Room controls may be added.
Room override of discharge air temperature. Requires adjustment at unit. _____
Room override of discharge air temperature from room-mounted control. _____
Note: cooling or heating is enabled from outside air conditions
14. If Dehumidification and Reheat is selected: Disable Reheat on Call from Space
for Cooling? Yes _____ No _____
15. For Building Management Interface: N2 Open Protocol _____ Lon
Communication card _____ Other (please list) _____
16. Time Card Providing Weekday and Weekend Time Schedules _____

Air Dampers:

17. Unit is 100% Outside Air Constant Volume. _____
18. Unit is 100% Outside Air, Variable Volume. _____ *Note: minimum flow is
50% of full rated capacity.*
19. Unit is Outside/Return Mix, Constant Volume. _____
20. Unit is Outside/Return Mix, Variable Volume. _____ *Note: minimum flow is
50% of full rated capacity.*

Damper Motors and Controls:

20. Two Position, Motorized _____
21. Modulating _____
22. Mixed Air set by Potentiometer _____
23. Mixed Air Set by Building Pressure _____

Economizer Packages:

24. Enthalpy Based. _____ *Note: includes barometric relief section and air
hoods.*
25. Dry Bulb Based. _____ *Note: includes barometric relief section and air
hoods.*

Exhaust Options:

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26. Barometric Relief Damper for 100 % Outside air . _____
27. Power Exhaust Fan. _____ CFM _____ External Static Pressure _____

Energy Recovery Sections:

28. 100% Outside Air, 100% Return Air _____ *Note: does not include mixed air.*
29. Outside Air and Return Air With Mixing Box and Economizer _____
30. Energy Wheel removed from air stream during economizer operation _____
31. Return Air Conditions: CFM _____ DB _____ WB _____ ESP _____

Blower Motors and Controls:

32. ODP _____
33. TEFC _____
34. EE _____
35. Motor Starter _____
36. VFD _____ *Note: Control is by others, 0-10 volts DC, 4-20 milliamps.
Minimum CFM is 50% of full rated flow. Comes with Starter and EE motor. May
require remote mounting.*

Misc. Options and Accessories:

37. Outside Air Inlet Hood w/ 1" pre-filter _____
38. Filters: 2" Pleated _____ 4" Pleated _____ 2" Permanent _____
39. Convenience Outlet _____ *Note: requires separate 115 volt feed*
40. Exhaust Fan Interlocking Relay _____
41. Photoelectric Smoke Detector _____ *Note: shipped loose for field installation*
42. Fire Stat _____ *Note: shipped loose for field installation*
43. Over/Under Voltage Protection _____
44. Electrofin Coil Coating _____

Extended Warranties: *Note: Does not cover labor or shipping costs.*

45. 5 Years on all Compressors _____
46. 5 Years on all Heat Exchangers _____
47. 10 Years on all Heat Exchangers _____

Fax to 1-412-931-0839 Call 1-800-800-6140 with any questions.

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