

Miscellaneous to oil sealed and dry compressing Pump Systems

Checklist for Inquiries

To Leybold GmbH

Dept. Systems

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e-Mail:

vacuum.solutions@leybold.com

From company: _____

Name/Department: _____

Phone: _____ Date: _____

Fax: _____ First page of: _____

MAKE USE OF OUR KNOW-HOW !

Simply fax the completed checklist to us. Our engineers will design a pump system which exactly matches your requirements. You will receive an offer shortly.

1. In what kind of application will the pump system be used (e.g. drying, distillation)?

2. Is the process run
 continuously in batches:

3. What is the volume of the vacuum chamber?

_____ m³

4. What pump-down times are required/desired?

_____ min³ x h⁻¹

5. What operating pressures are planned?

_____ mbar

6. How high is the ambient temperature?

- when installed in the building:
min. _____ °C / max. _____ °C

- when installed out in the open
min. _____ °C / max. _____ °C

7. How high is the intake temperature?

_____ °C

8. What is the composition of the gas which is to be pumped.

Designation:

a) _____ b) _____
c) _____ d) _____
e) _____ f) _____

9. Quantity (kg/h or Nm³/h), traces (%):

a) _____ b) _____
c) _____ d) _____
e) _____ f) _____

10. In case of materials not commonly listed in the tables please state:

a) Molecular mass _____
b) Thermal capacity _____
c) Vapor pressure _____

d) Viscosity _____

e) Melting point _____

f) Special characteristics _____

11. Must explosion hazard regulations be observed?

yes no

if yes, which? _____

12. What kind of electrical supplies are available?

a) Voltage _____

b) Frequency _____

13. What kind of mechanical connection specifications are planned?

a) Length of the intake line _____

b) Diameter of the intake line _____

14. Which cooling media are available (water, brine, etc.)? Which temperature?

_____ min. _____ °C

_____ max. _____ °C