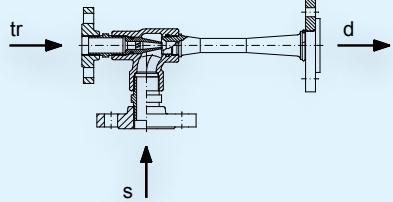




# Questionnaire for gas jet vacuum ejectors for start-up



|            |            |             |        |
|------------|------------|-------------|--------|
| company: * | contact: * |             |        |
| address:   | phone:     |             |        |
|            | fax:       |             |        |
|            | e-mail: *  |             |        |
| quotation: | budget:    | phone call: | visit: |
| until:     | until:     |             |        |

|   |                                  |   |
|---|----------------------------------|---|
| Please choose, which value you * like to predefine. | evacuation period<br>motive flow |  |
|---|----------------------------------|---|

|   |                |         |                                |
|---|----------------|---------|--------------------------------|
| <b>Data of the motive flow</b>              | <b>tr</b>      |         |                                |
| motive medium                               |                |         |                                |
| motive pressure                             | $p_{tr}$       |         |                                |
| motive flow                                 | $\dot{m}_{tr}$ | kg/h    |                                |
| motive flow temperature                     | $t_{tr}$       | °C      |                                |
| molecular weight                            | $M_{tr}$       | kg/kmol |                                |
| isentropic exponent                         | $\kappa$       |         |                                |
| <b>Data of the suction flow</b>             | <b>s</b>       |         |                                |
| suction medium                              |                |         |                                |
| volume to be evacuated (including pipeline) | $V$            | $m^3$   |                                |
| evacuation period                           | $t$            | min     |                                |
| suction pressure                            | $p_s$          |         | start                      end |
| suction flow temperature                    | $t_s$          | °C      |                                |
| molecular weight                            | $M_s$          | kg/kmol |                                |
| air leakage flow                            | $\dot{m}_L$    | kg/h    |                                |
| <b>Data of mixed flow</b>                   | <b>d</b>       |         |                                |
| discharge pressure                          | $p_d$          |         |                                |

|                                  |  |   |
|----------------------------------|--|---|
| <b>Constructive requirements</b> |  |   |
| material *                       |  | → |
| flanges, type, pressure range *  |  | → |
| design code                      |  | → |
| documentation                    | drawing<br>manual<br>acc. press. equipment directive<br>material certificates<br>other → |   |

\* mandatory field



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