

DRY COOLERS – CONDENSERS – UNIT COOLERS

Group 1 or 2 Fluids Classes A2-A2L-A3

Subject: terms defined by LU-VE SpA for the supply of dry coolers/condensers/unit coolers which use dangerous fluids (flammable or explosive).

The aim of this communication is to provide information which we hold to be necessary and essential for the supply of dry coolers, condensers and unit coolers using refrigerants in Groups 1, 2 and Classes A2-A2L-A3. The main point of this document is to define the configurations of the products and the related interaction with the system and the installation location, so as to establish the characteristics of the products. Such analyses don't fall within the competence of LU-VE. In the absence of precise information, LU-VE urges the application of ATEX Directive to all products operating with such fluids.

1. LU-VE guarantees that standard products (which therefore do not adhere to the ATEX Directive) can have fluids A2L, A2, A3 inside the tubes only and exclusively for unenclosed installations outdoors in the open air, and in cases in which the customer has verified that there are no requirements for the application of the ATEX Directive.
The evaluation of the ATEX zone is the responsibility of the installer inasmuch as it is due to the specific conditions and/or specifically taken precautions.
LU-VE therefore can take no responsibility regarding this matter.
2. For equipment installed in enclosed environments, it is exclusively the responsibility of the installer to verify that in no operating conditions, even abnormal, are the maximum admissible concentration levels exceeded which could give rise to the triggering of a fire or explosion (contained ATEX zone).
3. Any supply of ATEX products will be evaluated individually based on the type of product selected and the ATEX zones specifically requested.
4. It is the responsibility of the installer to verify that, when the installation has been made, there are no leaks of fluid due to transportation, handling or movement of the product and/or any other cause within the area of responsibility. LU-VE therefore declines all responsibility for any leaks caused by improper transportation and handling
5. It is also the responsibility of the installer to verify that a leak of inflammable fluid found on the machine or in proximity to it cannot in any way give rise to a situation of danger, fire or explosion. If these conditions are not verified, it is not possible to use a standard LU-VE product, i.e. which does not adhere to the ATEX directive, but instead a special LU-VE product must be installed, designed in accordance with the aforementioned ATEX Directive.
6. It is incumbent upon the installer to get permissions, licences and certifications necessary for the installation of the product as required by EU legislation, as for example all documentation necessary for ATEX certification or for the use of dangerous fluids in enclosed spaces.

Please sign below and send this document back to us as official acknowledgement and acceptance of all the points above.

Regards



LU-VE SpA

In acceptance:

DATE ____/____/____

SIGNATURE