

STATEMENT



Last update: December 2019

ASERCOM Statement for Condensing Units Having Regard to Pressure Equipment Directives 2014-68-EU and 97-23-EC

Pursuant to the definition of Assembly in the directive 97-23-EC (Art. 2.1.5):

'Assemblies' means several pieces of pressure equipment assembled by a manufacturer to constitute an integrated and functional whole.

Pursuant to the guideline 3/8 developed by the commission in reference to the directive 97-23-EC: *Items of pressure equipment form an assembly if:*

1. *they are integrated, i.e. they are connected and designed to be compatible with each other and*
2. *they are functional, i.e. together, they achieve specific, overall objectives and could be put into operation, and*
3. ***they form a whole***, i.e. *all the items which are necessary for the assembly to function and be safe are present and*
4. *they are **assembled by one manufacturer** who intends the resulting assembly to be placed on the market **and who will subject the assembly to a global conformity assessment** procedure.*

Pursuant to ASERCOM statement published in 2001 for the condensing units in regard to PED: ***A condensing unit doesn't fall, as an assembly, under the scope of the PED and has not to bear the CE marking required by article 1 § 2.1.5 of the PED. This position is justified by the fact that the units are not to be considered as assemblies since they:***

1. *cannot be put alone into operation in order to achieve an overall function, and*
2. *must be associated with other elements to constitute a functional whole which can be operated as a refrigeration system.*

Pursuant to the technical appraisal issued by Bureau Veritas in 2001 "PED-TA-ASE-001-01-DEU", where

the arguments taken in consideration by ASERCOM are in coherence with those developed in Guideline 3/8 of the Commission.

Pursuant to the new revised of PED 2014-68-EU where definition of Assembly (article 2 - (6)) is the same as in 97-23-EC (article 1 § 2.1.5).

'Assemblies' means several pieces of pressure equipment assembled by a manufacturer to constitute an integrated and functional whole.

ASERCOM considers that technical appraisal issued by Bureau veritas in 2001 for condensing units in regard to the PED 97-23-EC is valid for the version 2014-68-EU as the definition of assembly is the same.

These recommendations are addressed to professionals, industrial, commercial and domestic refrigeration system manufacturers / installers. They have been drafted on the basis of what ASERCOM believes to be the state of scientific and technical knowledge at the time of drafting, however, ASERCOM and its member companies cannot accept any responsibility for and, in particular, cannot assume any liability with respect to any measures - acts or omissions - taken on the basis of these recommendations.
