



SAFETY ASSESSMENT
FEDERATION

Guidance

In-service Inspection Procedures

Application of Pressure System Safety Regulations in relation to Heat Pumps

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1. Situation

Most refrigeration systems which are greater than 25kW in PSSR are covered within a WSE with systems below that being excluded by exemption 18 of PSSR, see below,

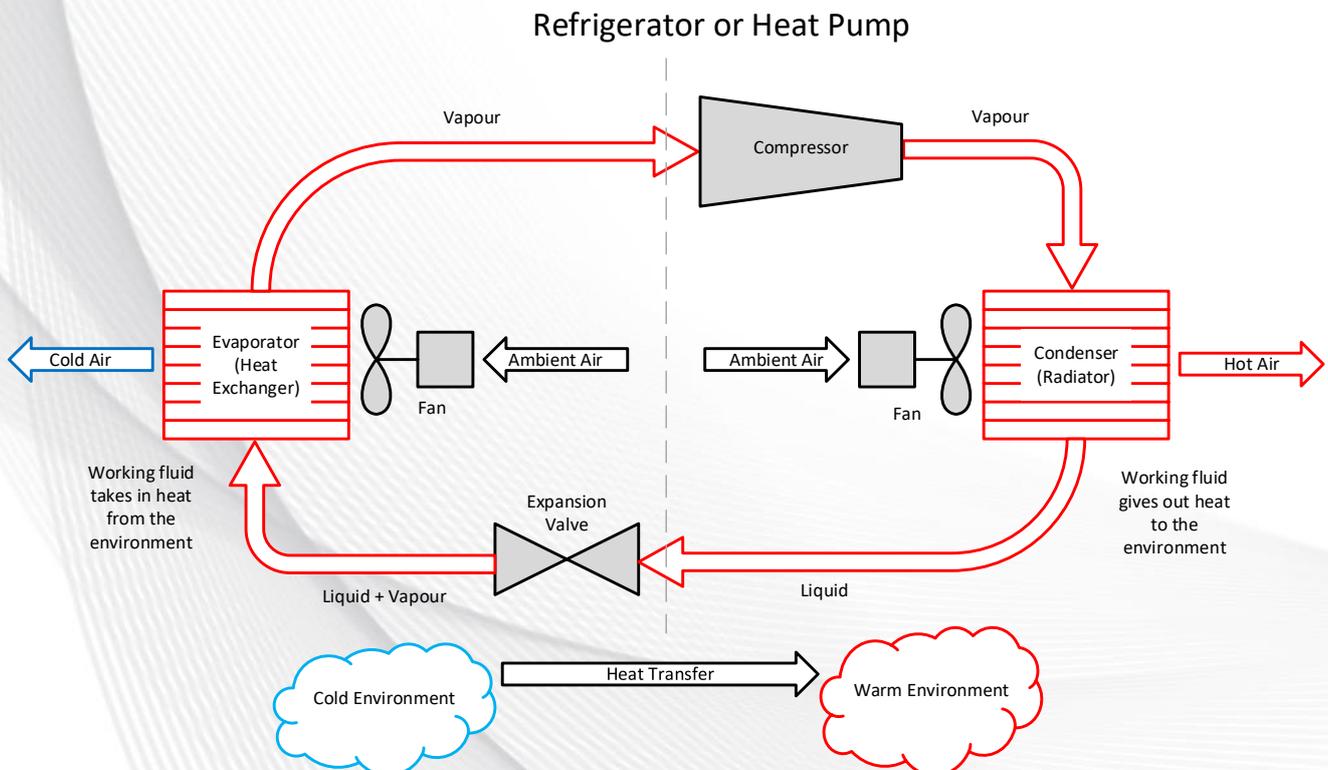
(18) Any vapour compression refrigeration system incorporating compressor drive motors, including standby compressor motors, having a total installed power not exceeding 25 kW.

However, with the advancement of technology more Heat Pump type systems are now being installed, which are essentially using the same technology in reverse.

Given that the complexities and the risks associated with these systems are essentially the same it is reasonable to apply the same exemption to Heat Pumps.

2. Guidance

Given that the complexities and the risks associated with these systems are essentially the same it is reasonable to apply the same exemption to Heat Pumps.



For further information – Guidelines for Users and Competent Persons – Refrigeration Systems – PSG 17