

AIR COOLED CO₂ GAS COOLER – PED CLASSIFICATION AS PIPING

PS max 13,0MPa

TS min/max -20 + 55°C

Note: TS only for the piping is -20°C + 130°C

SAV 300 (CO ₂ gas cooler)	All these products are classified: Article 4.3
SHV 350 (CO ₂ gas cooler)	All these products are classified: Article 4.3
SAV5 (CO ₂ gas cooler)	These products are classified Article 4.3, or CAT I, according to the circutation; they are Article 4.3 if the header diameter is ≤32mm, they are CAT I if the header diameter is > 32mm. The max. header diameter is 42mm. Refer to the product nameplate for the precise PED classification.
EAV5 (CO ₂ gas cooler)	These products are classified Article 4.3, or CAT I, according to the circutation; they are Article 4.3 if the header diameter is ≤32mm, they are CAT I if the header diameter is > 32mm. The max. header diameter is 42mm. Refer to the product nameplate for the precise PED classification.
SAV6 (CO ₂ gas cooler)	These products are classified Article 4.3, or CAT I, according to the circutation; they are Article 4.3 if the header diameter is ≤32mm, they are CAT I if the header diameter is > 32mm. The max. header diameter is 42mm. Refer to the product nameplate for the precise PED classification.
EAV6 (CO ₂ gas cooler)	These products are classified Article 4.3, or CAT I, according to the circutation; they are Article 4.3 if the header diameter is ≤32mm, they are CAT I if the header diameter is > 32mm. The max. header diameter is 42mm. Refer to the product nameplate for the precise PED classification.
SAV7 (CO ₂ gas cooler)	These products are classified Article 4.3, or CAT I, according to the circutation; they are Article 4.3 if the header diameter is ≤32mm, they are CAT I if the header diameter is > 32mm. The max. header diameter is 42mm. Refer to the product nameplate for the precise PED classification.

SAV8S (CO2 gas cooler)	All these products are classified: CAT I, unless the models: 2111; 2112 that are classified Art 4.3
SAV8T (CO2 gas cooler)	All these products are classified: CAT I, unless the models: 3110; 3111; 3112 that are classified Art 4.3
EAV8S (CO2 gas cooler)	All these products are classified: CAT I, unless the model 7111 that is classified Art 4.3
EAV8T (CO2 gas cooler)	All these products are classified: CAT I, unless the models: 8110; 8111 that are classified Art 4.3
EHV90F (CO2 gas cooler)	All these products are classified: CAT I, unless the model 340 that is classified Art 4.3
EAV9N (CO2 gas cooler)	All these products are classified: CAT I, unless the model 6111 that is classified Art 4.3
EAV9X (CO2 gas cooler)	All these products are classified: CAT I, unless the models: 1110; 1111 that are classified Art 4.3
EAV9U (CO2 gas cooler)	All these products are classified: CAT I, unless the models: 5110; 5111 that are classified Art 4.3
XAV 900 – 1000 (CO2 gas cooler)	All these products are classified: CAT I, unless the models: XAV9K 2911; XAV9N 5911; XAV9X 8911; XAV9U 4911; XAV10N 2711; XAV10S 5711 that are classified Art 4.3
XDHV (CO2 gas cooler)	All these products are classified: CAT I
EHVD (CO2 gas cooler)	All these products are classified: CAT I
RAD (CO2 gas cooler)	All these products are classified: CAT I

Take note that the TS temperature regards only the piping (pressure device), in fact these values must be reduced at -20 +55°C in accordance to the limits defined by the fan motors and the regulation system installed on the heat exchanger.

The products above mentioned are the ones included in the LU-VE catalogue at the document date.

Uboldo, 10/8/2018

Stefano Filippini
Technical Director

