

Type	Refrigerants	Max admissible pressure PS/PSIG	Refrigerant temperature TS	Ambient temperature TA
3032E/...	R744	150 bar / 2175 PSI	-40/+150°C	-20/+50°C

Per elenco complete dei refrigeranti approvati contattare Castel srl - For complete list of approved refrigerant contact Castel srl

According to UL 207

CAUTION – Risk of High Pressure. This component shall be installed along with a pressure relief valve set to discharge at no higher than:

- 150 bar (2175 psig) for series: 3032E/...

This component is intended for systems in which the critical pressure of the refrigerant will be exceeded. The relief valve shall comply with the requirements of ASME Section VIII, be marked "UV" and sized based on the refrigeration system capacity."

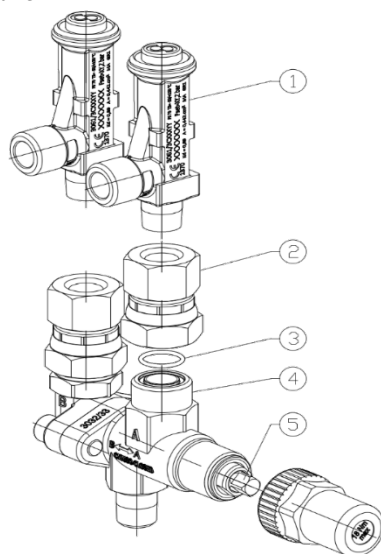
ATTENTION - Risque de haute pression. Ce composant doit être installé avec une soupape de sûreté réglée pour décharger à une pression n'excédant plus:

- 150 bars (2175 psig) pour les séries: 3032E/...

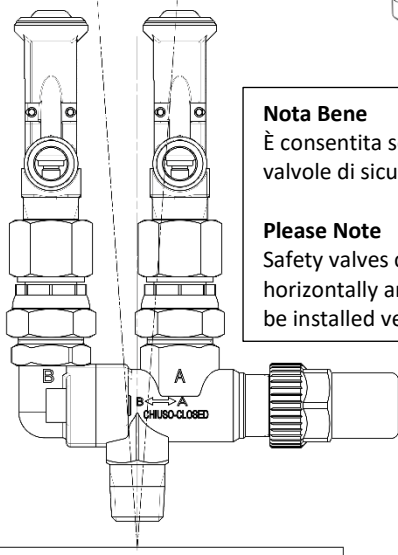
Ce composant est destiné aux systèmes dans lesquels la pression critique du réfrigérant sera dépassée. La soupape de sûreté doit être conforme à la section VIII du code ASME, être marquée «UV» et dimensionnée en fonction de la capacité du système de réfrigération.

Montaggio sull'impianto/Connection to the circuit

- 1 Valvola sicurezza/Safety valves
- 2 Coppia attacchi filettati/Threaded connections
- 3 Anelli tenuta/O-ring
- 4 Rubinetto di scambio/Dual shut – off valve
- 5 Asta/Rod



5° 5°



Nota Bene

È consentita solo l'installazione con valvole di sicurezza in verticale.

Please Note

Safety valves cannot be installed horizontally and are only allowed to be installed vertically.

Montaggio sull'impianto:

- Avvitare e serrare la coppia di attacchi filettati (2) sugli attacchi in entrata delle valvole di sicurezza.
 - Posizionare gli anelli di tenuta (3) negli alloggiamenti del rubinetto di scambio (4) lubrificandoli leggermente.
 - Avvitare i raccordi girevoli della coppia di attacchi filettati (2) su rubinetto di scambio e serrarli alla coppia di 60Nm.
 - Montare il rubinetto completo sul recipiente.
- La commutazione tra le due vie si realizza tramite rotazione dell'asta (5).

N.B. In condizioni di lavoro, l'asta (5) deve essere serrata contro una delle due sedi del rubinetto (coppia consigliata 25Nm)

Connection to the circuit:

- Screw and tighten the two threaded connections (2) on the access fitting of safety valves.
 - Place the sealing O-ring (3) in the housing of the dual valve (4) after slight lubrication.
 - Screw the couplings of the two threaded connections (2) on the dual valve and tighten with the torque of 60Nm.
 - Install the complete dual valve on the vessel.
- Shifting from one way to the other is performed by rotation of the rod (5).

N.B. Under operating conditions, the rod (5) shall be tightened against one of the two sides of the dual valve (recommended torque 25Nm)

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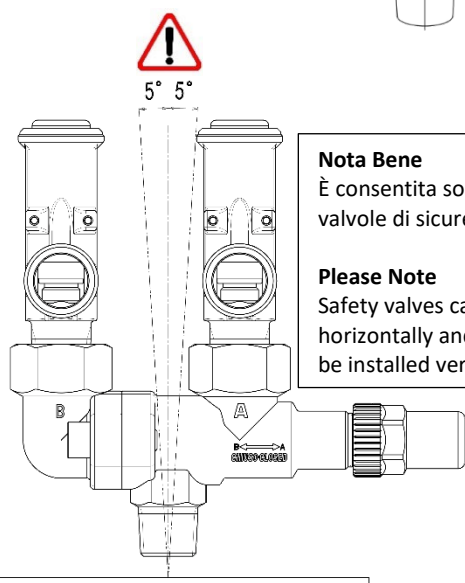
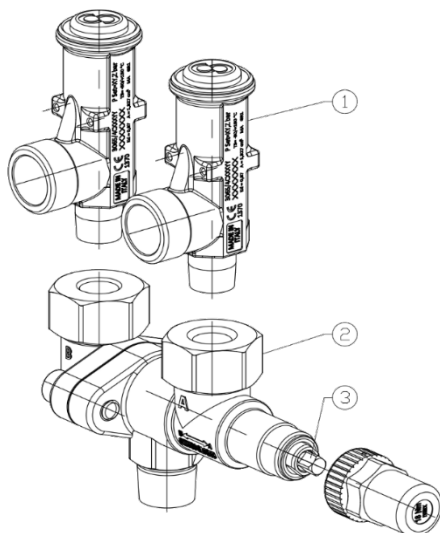
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Ce composant est destiné aux systèmes dans lesquels la pression critique du réfrigérant sera dépassée. La soupape de sûreté doit être conforme à la section VIII du code ASME, être marquée «UV» et dimensionnée en fonction de la capacité du système de réfrigération.

Montaggio sull'impianto/Connection to the circuit

- 1 Valvola sicurezza/Safety valves
- 2 Rubinetto di scambio/Dual shut – off valve
- 3 Asta/Rod



Nota Bene

È consentita solo l'installazione con valvole di sicurezza in verticale.

Please Note

Safety valves cannot be installed horizontally and are only allowed to be installed vertically.

Montaggio sull'impianto:

- Avvitare le valvole di sicurezza (1) sul rubinetto di scambio (2).
- Montare il rubinetto completo sul recipiente.
- La commutazione tra le due vie si realizza tramite rotazione dell'asta (3).

N.B. In condizioni di lavoro, l'asta (3) deve essere serrata contro una delle due sedi del rubinetto (coppia consigliata 25Nm)

Connection to the circuit:

- Screw and tighten the two safety valves (1) on the valve (2).
- Install the complete dual valve on the vessel.
- Shifting from one way to the other is performed by rotation of the rod (3).

N.B. Under operating conditions, the rod (3) shall be tightened against one of the two sides of the dual valve (recommended torque 25Nm)