ACCESS VALVES

170 Bar Working Pressure / 680 Bar Max Safety Pressure

Solid Brass Construction with Seals Compatible with Refrigerants & Oils

1/4" Male Connection

Spare Seal Included







1/4" Female Connection

Knurled Control Wheel For Improved Grip

Pro-Set®

TLVCD CO2

CO2 ACCESS VALVE

SAFE, CONTROLLED ACCESS FOR HIGH-PRESSURE CO2 SYSTEMS

THE CPS TLVCD CO2 ACCESS VALVE PROVIDES SAFE, CONTROLLED CONNECTION TO HIGH-PRESSURE CO2 REFRIGERATION SYSTEMS. ITS VALVE-CORE DEPRESSOR ALLOWS CONNECTION BEFORE OPENING THE SCHRADER VALVE, HELPING MINIMIZE REFRIGERANT LOSS DURING SERVICING.

BENEFITS

- Designed for high-pressure CO2 refrigeration service applications.
- Connects before depressing the Schrader valve for safer, controlled system access.
- Locked valve-core depressor helps protect the Schrader valve from damage.
- Helps minimize refrigerant loss during installation and servicing.
- Compact right-angle design supports access in tight working areas.
- Solid brass construction with seals compatible with refrigerants and oils.
- High-pressure rated: 170 bar working pressure / 680 bar max safety pressure.

Scan for Warranty! · Scannen Sie nach Garantie! · Rechercher la garantie!

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SPECIFICATIONS

Model #	TLVCD CO2	Notes
Application	CO2 Refrigeration Systems	
Connection	1/4" MFL x 1/4" FFL	1/4" SAE = 7/16" UNF
Overall Height	58 mm	Compact Right-Angle Design
Working Pressure	170 bar / 2,500 psi	
Maximum Safety Pressure	680 bar / 9,860 psi	
Construction	Solid Brass	
Valve-Core Control	Locked Valve-Core Depressor	Connect Before Depressing Schrader Valve
Seal Compatibility	Compatible with Refrigerants and Oils	
Warranty	2 years	

OPERATING PRINCIPLE

Stage	Valve State	System Access	Purpose
Connection	Schrader Remains Closed	Coupling Installs Before Core Depression	Helps Avoid Refrigerant Release During Setup
Service	Knob Opens Valve & Schrader Core	System is Accessible	Charging, Recovery, Maintenance A Pressure Checks
Disconnection	Valve Closes Before Removal	Schrader Valve is Closed	Helps Minimize Refrigerant Loss & Contamination Risk

PACKAGING SPECIFICATIONS

Model #	TLVCD CO2
Pkg Size (H x W) (cm), (Include PE Bag & Card)	13 (H) x 8.5 (W)
Product + Pkg Weight (Kg), (Include PE Bag & Card)	115 g
UPC	TBD
HTS Code	8204.12.00.00

SAFE SYSTEM ACCESS FOR CO2 HVAC/R SERVICING (ENG)

Control Connection With Minimal Refrigerant Loss

The CPS TLVCD CO2 access valve provides controlled access to high-pressure CO2 refrigeration systems. The coupling can be connected before the Schrader valve core is depressed; turning the control knob then opens the valve core and access valve together. This helps minimize refrigerant loss during charging, recovery, maintenance and pressure checks.

UN ACCÈS SÉCURISÉ AUX SYSTÈMES POUR L'ENTRETIEN DES SYSTÈMES CVCA/R UTILISANT DU CO2 (FR)

Un raccord contrôlé avec une perte de réfrigérant minimale

La valve d'accès CPS TLVCD CO2 permet un accès contrôlé aux systèmes de réfrigération utilisant du CO2 à haute pression. Le raccord peut être réalisé avant l'abaissement de la valve Schrader; la rotation du bouton de commande ouvre simultanément la pièce intérieure de la valve et la valve d'accès.
Cela permet de réduire le plus possible la perte de réfrigérant pendant la charge, la récupération, l'entretien et les contrôles de pression.

SICHER SYSTEMZUGANG FÜR CO2-HVAC/R-WARTUNGSARBEITEN (DE)

Kontrollierter Zugang bei minimalem Kältemittelverlust

Das CPS TLVCD CO_2-Zugangsventil ermöglicht einen kontrollierten Zugang zu CO_2-Kälteanlagen mit hohem Betriebsdruck. Die Kupplung kann angeschlossen werden, bevor der Schrader-Ventileinsatz betätigt wird. Durch Drehen des Bedienknopfs werden anschließend der Ventileinsatz und das Zugangsventil gleichzeitig geöffnet.
Dadurch wird der Kältemittelverlust beim Befüllen, Absaugen, bei Wartungsarbeiten und bei Druckprüfungen auf ein Minimum reduziert.