

# 4" hydrant coupler CARTER 64910 with regulator and trolley



## Product codes:

Reference:  
PC290-00003  
EAN13: -  
UPC: -

## Product attributes:

## Product description:

Eaton's Carter Model 64910 4-inch API Hydrant Coupler is the latest coupler design and supersedes Models 64900 and 60700-1. It is used for air-reference pressure control systems. The lower half of Model 64910 has been completely redesigned. This new lower half incorporates three (3) detent pins, an internal collar locking device and collar lifting handles (both "short"–standard, or "tall"– Option "T"), providing improved ergonomics and operational handling during disconnect. Two additional coupler models that include this new lower half are also available, Model 64912 for digital pressure control systems, and Model 64913, which is electro-hydraulically controlled. Earlier coupler Models 64900 and 60700-1 can be retrofitted to gain these new features by changing only the lower half. The proposed configuration is our best seller. If you need another type of configuration, please, contact [welcome@all4jet.com](mailto:welcome@all4jet.com) or your representative if you are a client.

## Configuration/options on the proposed model:

- F: hose barb fittings to air and fuel ports
- T : "tall" lower collar lifting handle
- W : carriage assembly

- 3 : Male adapter fitting to mate with 60700-1 style female QD
- N : 4-inch BSPP threaded female QD

## Features

- Mates with all adapters and all standard hydrant valves in accordance with API Bulletin 1584
- Outlet of elbow is flanged to accept various outlet male adapter fittings. Options to mate with older quick disconnects (QDs) available, reducing maintenance costs if male fitting is damaged.
- 3 and 4-inch NPT or BSPP outlet threads available
- Air/fuel sense ports parallel to outlet
- All ports with straight O-ring sealed threads
- Air bleed under sealed screw - Closing time adjustment accessible without removal of air port fitting
- Studs used for connecting lower half, reducing chance of over-tightening connecting fasteners
- External collar locking device eliminated - Optional carrying handles available. Transverse mounting standard. A second QD-mounted handle is also available.
- Carriage affixed by studs. No special length bolts required, reducing possibility of error when carriage is added in the field.
- Port to connect to hydrant provided on coupler. No special hose assembly required
- Parts common to 4-inch inline valves and Model 60700-1 coupler used for less costly maintenance
- Design changes have not increased weight

Technical data: - Weight — (basic coupler) 29.0 lbs (13.154 kg) - Operated by vehicle air reference pressure - Working pressure — 200 psi (13.793 bar) - Proof pressure — 450 psi (31.034 bar) - Closing Time — 2-5 seconds (adjustable) - Opening time — 5-10 seconds (no adjustment) - Overshoot - 50 US gal. maximum at 1,000 USgpm - Air pressure operated — nominal bias (air pressure required above control pressure) — 25 psi (1.724 bar). Bias increases to approximately 33 psi (2.276 bar) at flow rates up to 1,200 USgpm. - Fully open pressure drop — 21 psi (1.448 bar) at 1,000 USGPM when mated with Model 60554 hydrant valve (see chart on page 3 for more data)