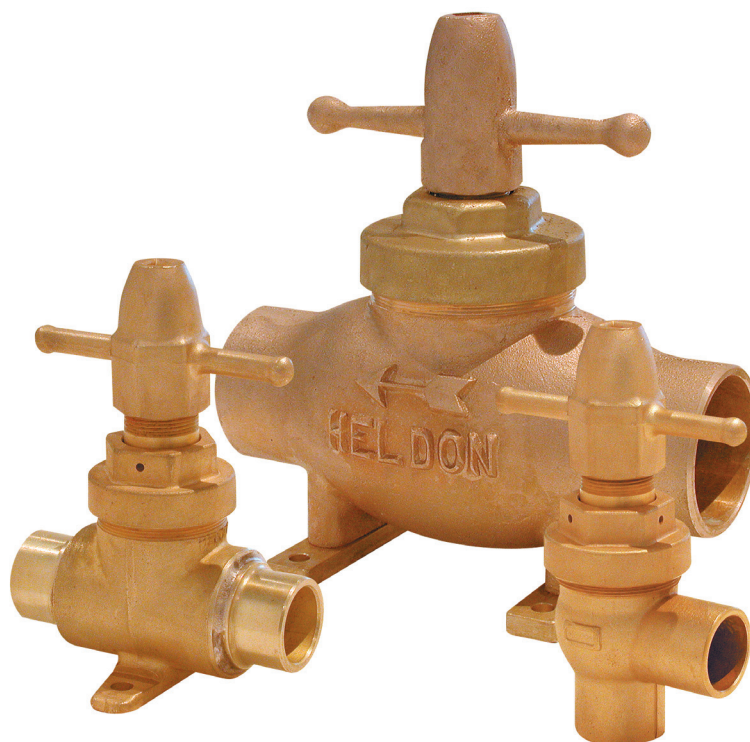


## Introduction

Heldon packed capped line valves are used to isolate an individual line, component or part of refrigeration or air-conditioning system. They are designed to streamline flow leading to an extremely low pressure drop across the valve. The bodies design incorporates large volume areas leading on to and off the seat to enable the refrigerant velocity to reduce while making the change in direction. This design feature minimises turbulence, reduces pressure drop and makes Heldon's packed capped line valves ideal in modern, efficient refrigeration and air-conditioning systems.

The bodies are cast or forged brass depending on the model and have a unique spindle/valve seat mechanism that is easily removed and fully serviceable. The stainless steel spindle is sealed with gland rubber and the stem plate is made from a polyamide nylon ensuring a complete shut off with minimal pressure applied.

Suitable for all fluorinated refrigerants they are available in two designs, Straight or Right Angle, for applications that require high usage, high flow rate and to be fully serviceable. Service kits are available as a standard part for both versions.



## Features and Benefits

### Features

- Designed for maximum flow and minimal pressure drop.
- Strong cast or forged brass body.
- Precision stainless steel stem.
- Integral mounting bracket.
- Available in two versions, Straight and Right Angle.
- Safe working pressure of 4,200 kpa (R-410a compatible)
- Polyamide nylon valve plate.

### Benefits

- Negligible loss in system efficiency.
- Stable platform when mounted in a system.
- Accurate sealing and extended life.
- Easy installation.
- Suit most applications.
- Compatible with all fluorinated refrigerants and Oils.
- Complete shut off with minimal torque.

## Manufacturing Standards

Manufactured in accordance with AS / NZ 1677.2

## Packed Capped Line Valves

Con	Straight	A	B	C	Kv m3/Hr
7/8 ID	2094-1414	167	103	31	12.98
1 1/8 ID	2094-1818	167	119	31	13.80
1 3/8 ID	2094-2222	205	170	47	26.10
1 5/8 ID	2094-2626	205	175	47	32.46
2 1/8 ID	2094-3434	230	220	60	68.50
2 5/8 ID	2094-4242	260	255	72	79.60

Con	Angle	A	B	C	Kv m3/Hr
7/8 ID	2090-1414	160	47	47	12.78
1 1/8 ID	2090-1818	160	51	51	13.67
1 3/8 ID	2090-2222	195	55	55	25.98
1 5/8 ID	2090-2626	195	60	60	31.50
2 1/8 ID	2090-3434	230	68	68	67.10
2 5/8 ID	2090-4242	230	76	76	77.46

