



# Press Compatible Products

## Filter Drier Features

- Filter driers support both press and push fittings for quick, flame free connections without the need for brazing, nitrogen purging, or the transporting of flammable gases.
- Creates permanent, leak free mechanical seals in seconds. Press fittings are UL207 registered and rated for pressures up to 653 PSI.
- Installations are up to 60 percent faster than brazing, reducing labor time and material usage.
- Ideal for air conditioning, heat pumps, mini splits, and refrigeration using flammable refrigerants.
- TW filter driers with Spectroline AR Glo are also offered for press compatible installations.



## Filter Drier Models

MODEL	CONNECTIONS
NCH-083-Z	Liquid Line 3/8" ODM
NCH-083-Z-TW	TW Liquid Line 3/8" ODM
NCHBF-083-Z	Bi-Flow 3/8" ODM
NCHBF-083-Z-TW	TW Bi-Flow 3/8" ODM
NCH-163-Z	Liquid Line 3/8" ODM
NCH-163-Z-TW	TW Liquid Line 3/8" ODM
NCHBF-163-Z	Bi-Flow 3/8" ODM
NCHBF-163-Z-TW	TW Bi-Flow 3/8" ODM
NCH-164-Z	Liquid Line 1/2" ODM
NCH-164-Z-TW	TW Liquid Line 1/2" ODM

## Press Compatible Ball Valves Features

- Each valve is oven brazed and tested with a 95% nitrogen and 5% hydrogen solution at 450 PSIG to detect and eliminate any leaks before leaving the factory, ensuring performance and reliability.
- Cone shaped 100% virgin Teflon seals resist shrinkage and leakage, reducing service calls and eliminating the need for seal replacement during system changeovers.
- Bottom up stem placement helps reliably prevent blowouts under sudden over pressurization, effectively protecting the system charge.
- The two piece cap nut allows quick access without full removal. Valves are rated to 900 PSIG and include a two year warranty for added confidence.



## Press Compatible Ball Valves Dimensions

MODEL	SIZE	MAXIMUM WORKING PRESSURE		WEIGHT (LB)	WEIGHT (G)
		PSI	BAR		
NBV02SZ	1/4"	900	62	0.463	210
NBV03SZ	3/8"	900	62	0.474	215
NBV04SZ	1/2"	900	62	0.496	225
NBV05SZ	5/8"	900	62	0.706	320
NBV06SZ	3/4"	900	62	0.992	450
NBV07SZ	7/8"	900	62	1.102	500
NBV09SZ	1-1/8"	700	48	1.896	860





# Press Compatible Products

## Copper Press Fittings Features

- Equipped with an EDPM O-ring, NDL press fittings detect unpressed connections, ensuring leak-free installation and system safety.
- Available in sizes from 1/2" to 4" with 350+ options, ideal for projects of any scale.
- Zero reported failures and a 1-year warranty provide confidence in every connection.
- "V" profile fits standard jaw sets, offering familiarity and trust for pros.
- Order small quantities and mixed products, no high minimums required.
- Compatible with K, L, and M copper tubing, meeting top safety standards.



## Copper Press Fittings Operating Parameters

SIZE (IN)	PSI (AT 250°F)
WORKING PRESSURE	200 PSI MAXIMUM
MAXIMUM TEST PRESSURE	600 PSI MAXIMUM
LOW-PRESSURE STEAM	15 PSI MAXIMUM
WORKING TEMPERATURE	0°F to 250°F (-18°C to 121°C)
VACUUM	29.2" Mercury at 68°F (20°C)

## Water Press Ball Valves Features

- Built from high-quality copper and robust materials, these valves resist corrosion and perform reliably in tough residential and commercial environments.
- Ideal for hydronic heating, potable water, and plumbing systems, they install easily and support efficient water flow for faster project completion.
- The press-fit design eliminates soldering or threading, reducing labor time and simplifying installation.
- Designed for speed and safety, these valves create tight, flame-free seals that minimize maintenance and installation risks.



## Water Press Ball Valves Models

MODEL	SIZE	WEIGHT (LB)	WEIGHT (G)
NSV-012	1/2"	0.47	213.2
NPV-034	3/4"	0.807	366.0
NPV-100	1"	1.142	518.0
NPV-114	1-1/4"	1.669	757.0
NPV-112	1-1/2"	2.582	1171.2
NPV-200	2"	3.585	1626.1
NPV-212	2-1/2"	7.915	3590.2
NPV-300	3"	10.203	4628.0
NPV-400	4"	18.153	8234.1

