



NDL Industries

APPLICATIONS

Commercial, Industrial, and Residential HVAC and Refrigeration

Press Compatible Filter Driers (NCH-Z, NCHBF-Z)

Filter driers shield the refrigeration system by trapping solids, absorbing moisture and acid, and averting ice buildup on the expansion valve's orifice.



NCH-Z, NCHBF-Z Specifications

Versatile Connectivity

Filter Driers compatible with Press/Push fittings for easy, quick, and flame-free connections.

Flame-Free Installation

Eliminates the need for brazing, reducing fire hazards and removing the need for nitrogen purging and flammable gas transport.

Fast Connections

Provides a leak-free, permanent mechanical connection in just seconds.

Significant Time Savings

Installation up to 60% faster than brazing, boosting efficiency.

Proven Reliability

Press fittings with a track record of reliability and UL207 registration for pressures up to 700 PSI.

Cost Reductions

Reduces labor costs by eliminating the brazing process and related materials.

Higher Productivity

Jobs can be completed by fewer workers in less time, increasing overall job completion rates.

Ideal Applications

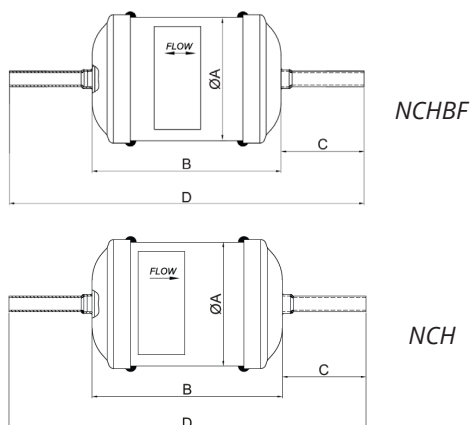
Perfect for Residential AC, HP, Mini-split, and Refrigeration installations, enhancing safety and efficiency as the use of flammable refrigerants rises.



Press Compatible Filter Driers

Certifications and Approvals

- CE Approved
- CRN-Approved (NCH)
- UL-Listed





TW Filter Driers with Spectroline AR-GLO®

The complete solution to reduce warranty repair costs and reduce service callbacks.

- The included dye is compatible with all refrigerants, offering comprehensive protection for 6-ton* air conditioning systems
- Installation can be done with the system running, minimizing downtime and disruption
- With the tracer wafer pre-installed, there's no need to handle messy liquid dyes, simplifying the process
- Leaks are easily spotted using a UV flashlight and fluorescence-enhancing safety glasses, streamlining repair efforts

Models Available

MODEL	OUTER DIA. ØA		BODY LENGTH B		STOPPER TO STOPPER LENGTH C		OVERALL LENGTH D		CONNECTION TYPE (IN)
	MM	IN	MM	IN	MM	IN	MM	IN	
NCH-083-Z	Ø 63.5	Ø 2.50"	99	3.89"	51.1	2.02"	202	7.95"	3/8" ODM
NCHBF-083-Z	Ø 63.5	Ø 2.50"	97	3.81"	51.5	2.02"	200	7.87"	3/8" ODM
NCH-163-Z	Ø 63.5	Ø 2.50"	122	4.8"	51.1	2.02"	225	8.85"	3/8" ODM
NCHBF-163-Z	Ø 63.5	Ø 2.50"	117	4.60"	51.5	2.02"	220	8.66"	3/8" ODM
NCH-164-Z	Ø 63.5	Ø 2.50"	122	4.8"	52.5	2.06"	227	8.93"	1/2" ODM

Selection Recommendations

MODEL	CONNECTIONS INLET/OUTLET	FLOW CAPACITY TAN @ 1PSI ΔP (FOR KW MULTIPLY TON BY 3.5)				WATER CAPACITY DROPS OF WATER									
		R-134A	R-22	R-407C & R-410A	R-404 & R-507	R-134A		R-22		R-407C		R-410A		R-404A & R-507	
						75° F	125° F	75° F	125° F	75° F	125° F	75° F	125° F	75° F	125° F
NCH-083-Z	3/8" ODM	5.42	6	6	4	265	245	250	225	205	165	170	130	275	260
NCHBF-083-Z	3/8" ODM	4.8	5.1	5	3.33	265	245	250	225	205	165	170	130	275	260
NCH-163-Z	3/8" ODM	6.2	6.8	6.8	4.57	396	366	371	336	306	306	256	196	406	286
NCHBF-163-Z	3/8" ODM	4.9	5.2	5.2	3.49	359	341	360	307	361	333	327	302	392	365
NCH-164-Z	1/2" ODM	7.9	8.1	8.1	5.34	396	366	371	336	306	306	256	196	406	286



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