



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 are 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 is 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

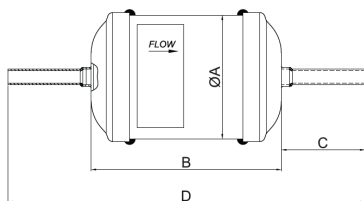
Perfect for Residential AC, HP, Mini-split, and Refrigeration installations, enhancing safety and efficiency as the use of flammable refrigerants rises.



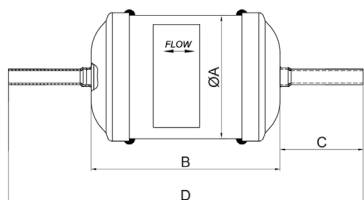
# Press Compatible Filter Driers

## Certifications and Approvals

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



NCH



NCHBF



## 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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