

FILTER DRIERS WITH REPLACEABLE CORE



GENERAL SPECIFICATION

- Applicable for all common HCFC and HFC, HFO¹⁾ refrigerants such as: R22, R134a, R404A, R407C, R410A, R507, R407A/F, R448A/R449A, R452A, R450A/R513A, R1234ze¹⁾.
- Ambient temperature min./max.: -30°C / +55°C
- Medium temperature TS min./max.: -40°C / +70°C
- Max. operating pressure PS: from 4,5 MPa (45 bar) (see table 1)
- Installation position:
HTG with SH48-A80 or SH48-A00 in liquid line,
HTG with SH48-A30 or mechanical strainer SH48-B100 in suction line
- Certifications: UL/CSA and PED declaration

Note: 1) Please contact Sanhua representative regarding applications with HFO
For liquid capacity of filters with R407A/F, R1234ze, R448A/R449A, R452A, R450A/R513A please contact Sanhua.

TECHNICAL PARAMETERS

Desiccant Selection Table

	Medium Type	30% 3A desiccant 70% active alumina	80% 3A desiccant 20% active alumina	100% 3A desiccant	Mechanical strainer
Core Model	-	SH48-A30	SH48-A80	SH48-A00	SH48-B00
With flange gasket suitable for Sanhua shells: Ø113,6 mm x Ø121,4 mm	-	20225000102	20225000902	20225001102	20225003302
With flange gasket suitable for Sanhua and other shells: Ø113,6 mm x Ø121,4 mm and Ø105,4 mm x Ø113,6 mm	-	20225028602	6657702 20225027702	20225028502	6658702 20225028702
Suggested Installation position	-	Suction Line	Liquid Line	Liquid Line	Suction Line
Refrigerant	HFC	Applicable	Applicable	Suggested	Suggested
	HCFC	Suggested	Suggested	Applicable	Applicable
	HC/HFO	Applicable	Applicable	Applicable	-
Oil ¹⁾	Mineral oil or AB	Suggested	Suggested	Applicable	Applicable
	Pure POE or PAG	Applicable	Applicable	Suggested	Suggested
	POE or PAG with additive	Not applicable	Not applicable	Applicable	Applicable

Note: 1) When the systems use oil with additive, it is not recommended to use a core with alumina.

Accessories and spare parts:

Universal flange gaskets set	Model	Part Number (multi package)
	HTG-000-024003	20225023802

