



Copper Filter Drier

The copper filter driers of series BGQ are used in refrigeration system with unidirectional flow to absorb moisture and acid in the system and to filter out the impurities.



FEATURES

- COMPACT DESIGN AND LOW WEIGHT
- HIGH EFFICIENT IN MOISTURE ABSORPTION AND FILTERING IMPURITY
- HYBRID DESICCANT
- FILTERING FINENESS: 100µM
- CONNECTION TYPE: SOLDER

GENERAL SPECIFICATIONS

- Applicable for all common HCFC, HFC and HC refrigerants such as: R134a, R404A, R407C, R410A, R507A, R600a ...
- Ambient temperature min./max.: -30/+55°C
- Medium temperature TS min./max.: -30°C / +80°C
- Max. operating pressure PS: 4,2 MPa (42 bar)
- Installation position:
 - Liquid line
 - Flow direction corresponds to the arrow
- Certifications: UL/CSA and PED declaration

TECHNICAL PARAMETERS

| Model | Part Number | Molec. Sieve Type | Molec. Sieve Weight [g] | Refrigerant |
|----------------|-------------|-------------------|---------------------------|--|
| BGQ-A11015-031 | BGQ-28001 | XH-11 | 15 | R134a, R404A, R407C, R410A, R507A, R600a |
| BGQ-A11020-011 | BGQ-28002 | XH-11 | 20 | R134a, R404A, R407C, R410A, R507A, R600a |
| BGQ-A11030-090 | BGQ-28003 | XH-9 | 30 | R134a, R600a |



SANHUA *BGQ* SERIES Copper Filter Drier

DIMENSIONS

| Model | Connections | | | | Dimensions [mm] | | | |
|----------------|---------------------|-------------------------|----------------------|-------------------------|-------------------|----------------|----|----|
| | Inlet Ød_1 | | Outlet Ød_2 | | ØD | L | L1 | L2 |
| | [mm] | Type ¹⁾ | [mm] | Type ¹⁾ | | | | |
| BGQ-A11015-031 | 6,35 | Ød_1 ID ODF | 6,35 | Ød_2 ID ODF | 19,05 | 135 ± 2 | 5 | 5 |
| BGQ-A11020-011 | 6,5 | Ød_1 ID ODF | 6,35 | Ød_2 OD ODM | 25,4 | 127 ± 3 | 8 | 10 |
| BGQ-A11030-090 | 9,52 | Ød_1 ID ODF | 9,52 | Ød_2 OD ODM | 25,4 | 155 ± 3 | 8 | 10 |

