

BGQ SERIES | *Copper Filter Drier*



BGQ series copper filter-driers are used in refrigeration, heat pump, and air conditioning systems. All models are unidirectional and can feature multiple inlet or outlet connections.

FEATURES

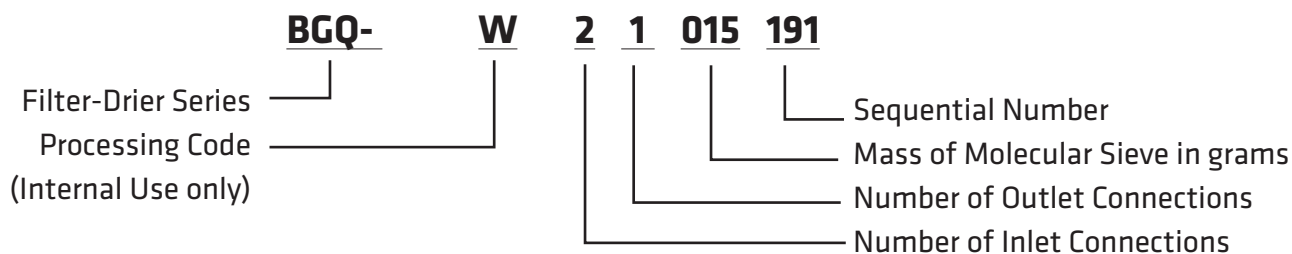
- COMPACT DESIGN AND LOW WEIGHT
- HIGH EFFICIENT IN MOISTURE ABSORPTION AND FILTERING IMPURITY
- HYBRID DESICCANT
- FILTERING FINENESS: 100µm
- CONNECTION TYPE: SOLDER

GENERAL SPECIFICATION

- APPLICABLE FOR ALL COMMON HCFC, HFC AND HC REFRIGERANTS
- AMBIENT TEMPERATURE MIN./MAX.: -30/+55°C (-22/+131°F)
- MEDIUM TEMPERATURE TS MIN./MAX.: -30°C / +80°C (-22/+176°F)
- MAX. OPERATING PRESSURE PS : 4.2 MPA (609 PSIG)
- INSTALLATION POSITION:
 - LIQUID LINE
 - FLOW DIRECTION CORRESPONDS TO THE ARROW
- CERTIFICATIONS: UL /CSA AND PED DECLARATION
- UL FILE NUMBER: SA11830
- APPROVED REFRIGERANTS: R12, R22, R134A, R600A, R407C, R410A, R123, R152A, R417A, R422A, R422D, R426A, R427A, R290, R600, R600A, R1234YF, R1234ZE, R404A, R507, R448A, R449A, R452A, R450A, R455A, R513A, R407A, R407F, R401A, R401B, R401C, R447A, R452B, R454B, R454C, R500, R502, R446A, R32, R23, R125, R124, R422, R444A, R444B, R445A, R447B, R449B, R451A, R451B, R452C, R454A, R455B, R457A, R457B, R457C, R467A, R459A, R459B, R516A, R236FA, R245FA, R1336MZZ(E), R1336MZZ(Z), R143A, R471A, R515A, R515B

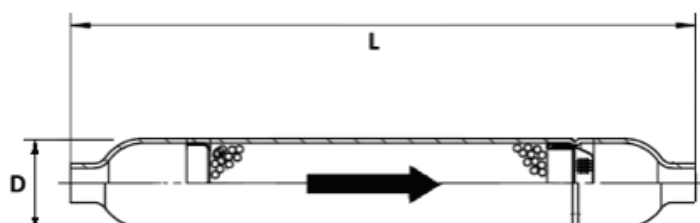
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NOMENCLATURE



(1) Inlet and (1) Outlet

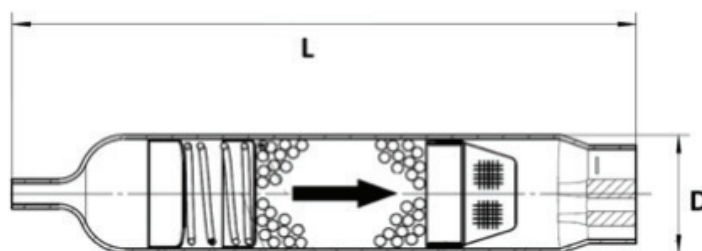
Model	Inlet Connection	Outlet Connection	Outer diameter, ΦD	Wall thickness	Length, L	Molecular Sieve Type	Molecular Sieve Weight	Filter/Screen	Spring
BGQ-A11012-058	3/8" ODF	/	25.4mm (1.00")	1.0mm (0.040")	100mm (4.0")	XH-11	12g (0.42oz)	100 mesh	No
BGQ-A11015-031	1/4" ODF	1/4" ODF	19.05mm (0.75")	1.0mm (0.040")	135mm (5.3")	XH-11	15g (0.53oz)	150 mesh	No
BGQ-W11015-205	3/16" ODF	1/4" ODF	25.4mm (1.00")	0.9mm (0.035")	100mm (4.0")	XH-9	15g (0.53oz)	100 mesh	No
BGQ-A11020-011	1/4" ODF	1/4" ODM	25.4mm (1.00")	0.9mm (0.035")	127mm (5.0")	XH-11	20g (0.71oz)	200 mesh	Yes
BGQ-A11028-048	3/16" ODF	1/4" ODF	26.0mm (1.02")	1.2mm (0.047")	140mm (5.5")	XH-11	28g (0.99oz)	100 mesh	Yes
BGQ-A11030-090	3/8" ODF	3/8" ODM	25.4mm (1.00")	0.9mm (0.035")	155mm (6.1")	XH-9	30g (1.06oz)	150 mesh	Yes
BGQ-W11030-113	3/8" ODF	3/8" ODF	25.4mm (1.00")	1.0mm (0.040")	165mm (6.5")	XH-9	30g (1.06oz)	100 mesh	Yes
BGQ-W11030-114	1/4" ODF	1/4" ODF	25.4mm (1.00")	1.0mm (0.040")	155mm (6.1")	XH-9	30g (1.06oz)	100 mesh	No
BGQ-W11030-115	3/8" ODF	3/8" ODF	25.4mm (1.00")	1.0mm (0.040")	155mm (6.1")	XH-9	30g (1.06oz)	100 mesh	No
BGQ-W11030-200	1/4" ODF	1/4" ODF	25.4mm (1.00")	1.0mm (0.040")	160mm (6.3")	XH-9	30g (1.06oz)	100 mesh	Yes
BGQ-W11030-291	1/4" ODF	1/4" ODF	25.4mm (1.00")	1.0mm (0.040")	160mm (6.3")	XH-11	30g (1.06oz)	100 mesh	Yes



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(1) Inlet and (3) Outlet

Model	Inlet Connection	Outlet Connection	Outer diameter, ΦD	Wall thickness	Length, L	Molecular Sieve Type	Molecular Sieve Weight	Filter/Screen	Spring
BGQ-W13020-123	1/4" ODM	1/4" ODF Capillary Tube Capillary Tube	25.4mm (1.00")	0.9mm (0.035")	132mm (5.0")	XH-9	20g (0.71oz)	200 mesh	Yes



(2) Inlet and (1) Outlet

Model	Inlet Connection	Outlet Connection	Outer diameter, ΦD	Wall thickness	Length, L	Molecular Sieve Type	Molecular Sieve Weight	Filter/Screen	Spring
BGQ-A21010-033	6mm ODF 8mm ODF	1/4" ODM	25.4mm (1.00")	0.9mm (0.035")	110mm (4.3")	XH-11	10g (0.35oz)	200 mesh	Yes
BGQ-W21020-124	1/4" ODF 1/4" ODF	1/4" ODM	25.4mm (1.00")	0.9mm (0.035")	140mm (5.5")	XH-9	20g (0.71oz)	200 mesh	Yes

