

ANTHRACITE AZURE SOFTENERS

These softeners provide up to 3 m³ of water per hour, and a large salt capacity. These softeners provide low salt consumption, easy maintenance, and efficiency. A full tank of salt is enough for a 15-month* run before the next salt refill.



KEY FEATURES

- Reliable US-made Clack® DV valve with diamond-carbon coating
- Increased salt capacity: up to 130 kg
- Built-in mixing valve
- Effective salt consumption: up to 80 grams per liter of resin or less
- Water-saving: 100 liters for regeneration
- Possibility to configure Up-flow proportional regeneration for smart consumption

Control valve

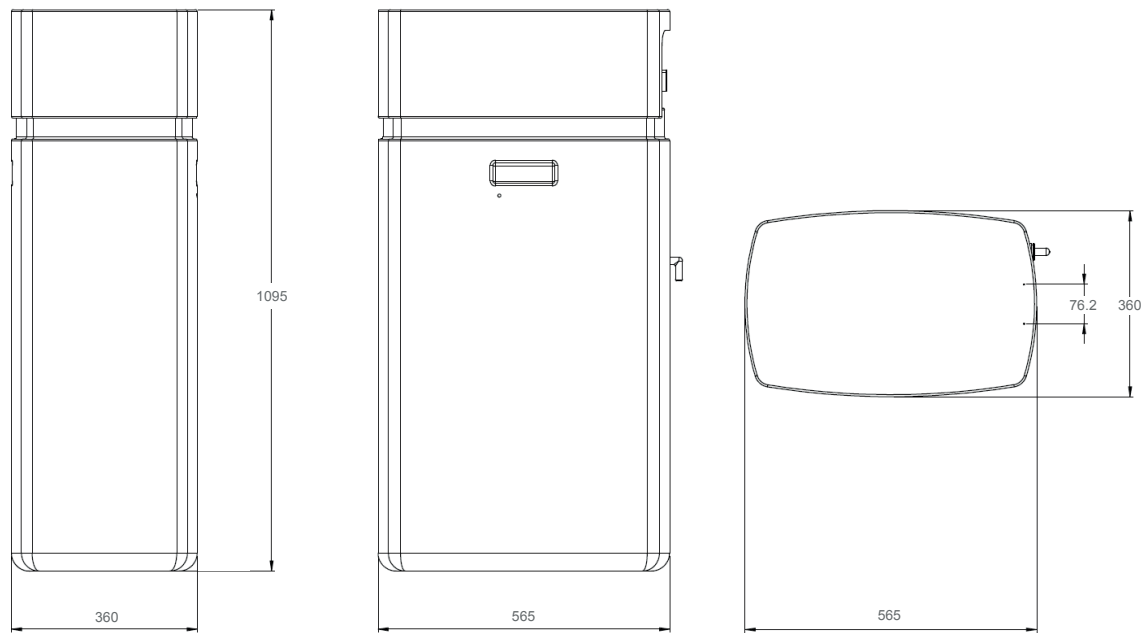
Clack® DV

- Renewed Clack® DV
- Ceramic-ceramic disks
- Diamond-carbon coating

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Code	Description	Quantity of resin, L	Operating/maximum flow rate, m ³ /h	Dimensions, H × W × D, mm
FU1035CABGDV	Anthracite Azure 250 softener	25	2.0 / 2.5	1095 x 360 x 565
FU1252CABGDV	Anthracite Azure 370 softener	37	2.5 / 2.9	

* Inlet hardness: 14 dH, water consumption: 720 liters/day, salt dosage: 80 g/liter of resin



TECHNICAL SPECIFICATION:

Parameter	FU1035CABGDV	FU1235CABGDV
Operating/maximum flow rate, m ³ /h	2.0 / 2.5	2.5 / 2.9
Quantity of resin, L	25	37
Volume capacity, m ³ @ 250 mg/L CaCO ₃ influent hardness	5	7.5
Usage of salt per regeneration, kg	2.0-4.0	3.0-6.0
Usage of water per regeneration (= discharge per regeneration), m ³	0.10-0.25	0.10-0.37
Duration of regeneration, minutes	80-100	
Pressure drop in service mode, bar	0.5	
Inlet pressure, bar	2-6	
Electrical requirements	230 V, 50 Hz	
Power consumption, W	30	
Inlet/outlet pipe connections	1"	
Overall dimensions, (Width × Depth × Height), mm	360 x 565 x 1095	

INFLUENT WATER LIMITATIONS:

Parameter	FU1035CABGDV	FU1235CABGDV
Hardness	750 mg/L CaCO ₃	
Iron	0.2 mg/L	
Manganese	0.05 mg/L	
Chemical Oxygen Demand	5 mg/L O ₂	
Sediment prefilter rating	100 μm	
Temperature of water	+4...+30 °C	