

ESKA

Gas Technologies

EGV Series



ESKA

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Why ESKA?

With a deep understanding of the need for manufacturers to be close to gas distribution companies understanding their requirements and providing tailored solutions, ESKA grew to become a leading manufacturer of gas stream equipment. We start every day with a belief that change is constant, and the flexibility to follow that change and provide up to date solutions is crucial in the energy sector.

We manufacture gas stream equipment that are designed based on the needs of our partners. We strive to help gas distribution companies provide safe energy to their clients and to assist our partners with flexible business models that promote mutual growth.

Our commitment is to continually improve our products, ensuring the highest standards of safety and quality at an affordable cost, protecting end users while supporting our partners' success.



60 Years Know-how



**Global Reach in 65
Countries**



Localized Support

Application Area

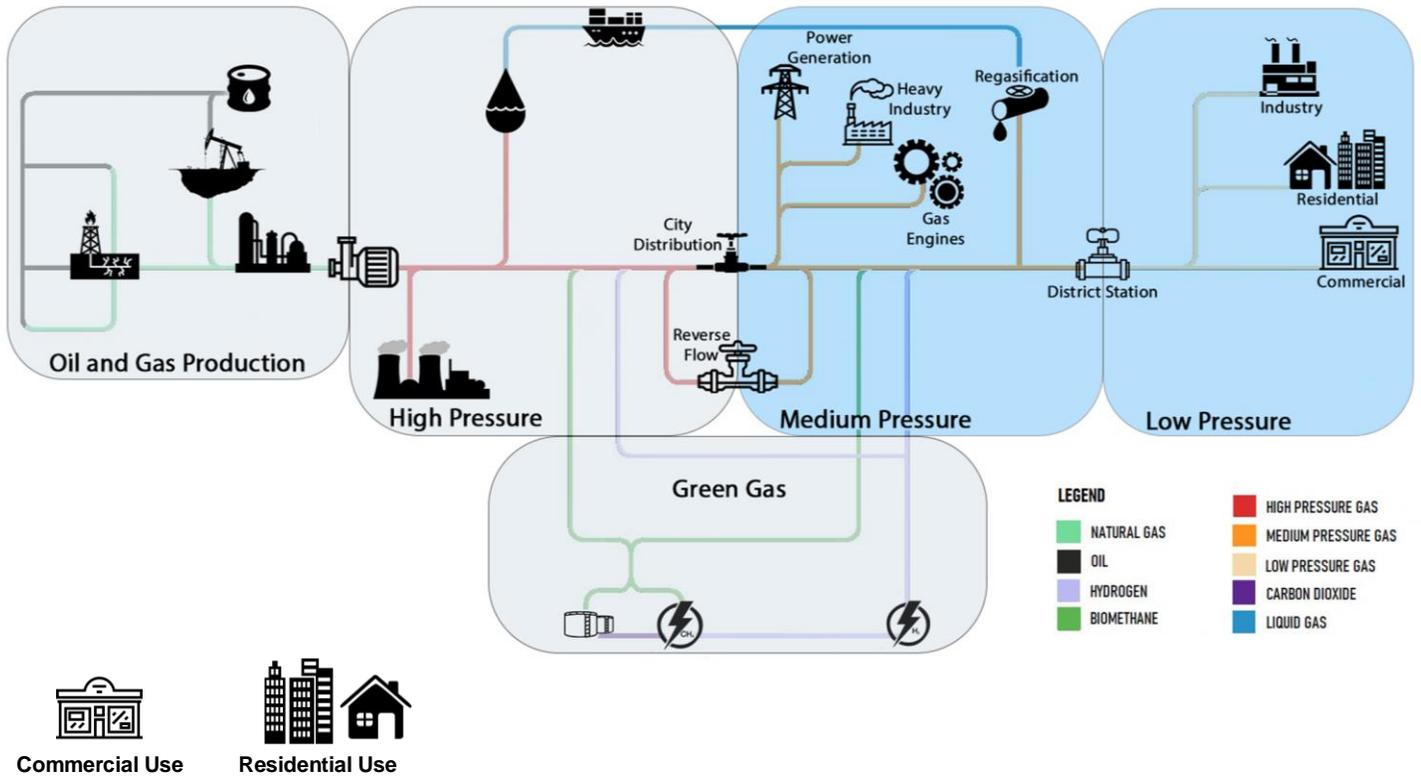


Figure 1: Gas Distribution Map

Introduction and Features

EGV model gas filters are the manually adjusted gas valves used with the safety purposes in the gas lines to automatically stop the gas flow by the effect of the signals given by the third party equipments such as gas alarm detectors, ventilation equipments etc.

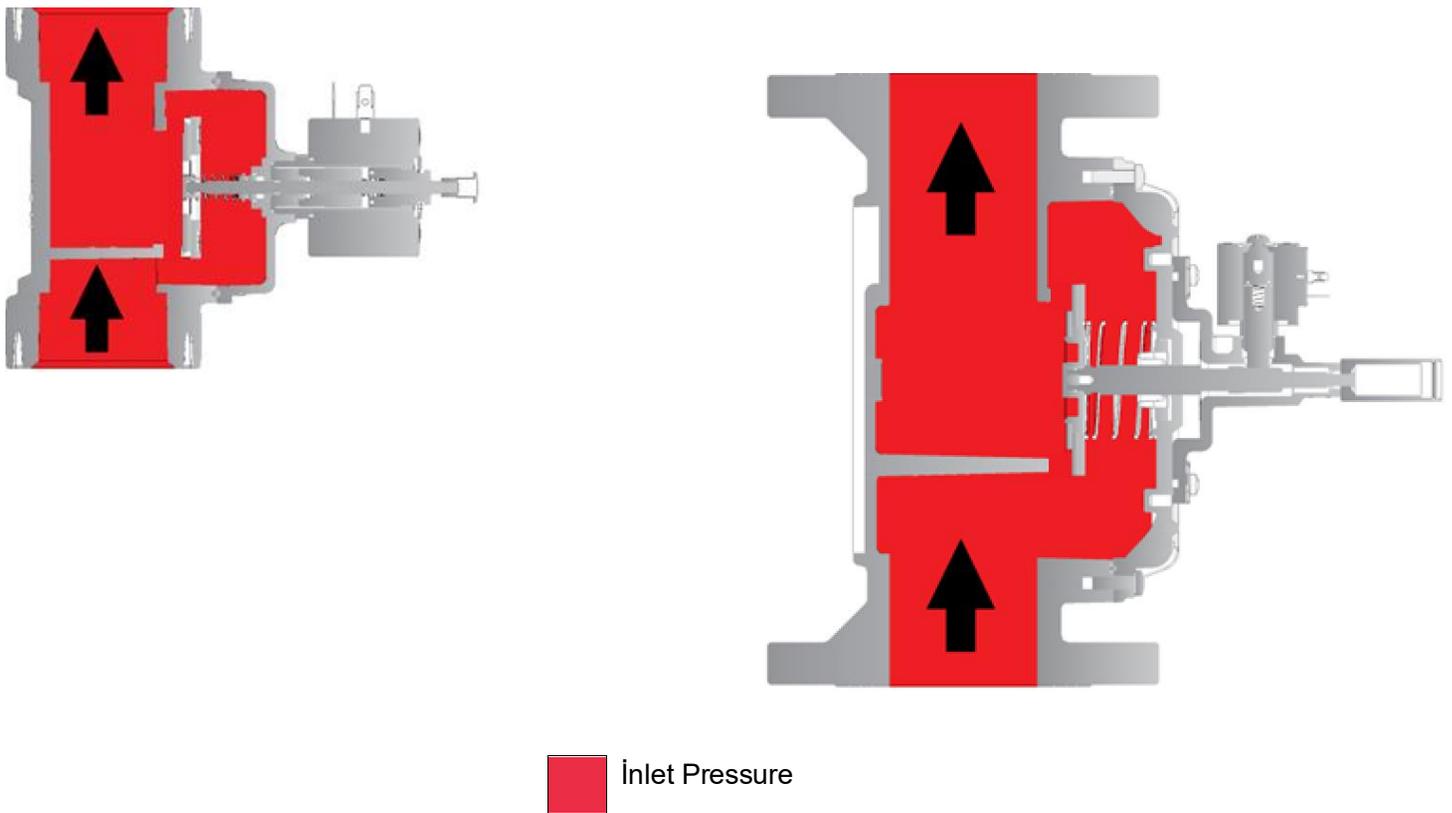


Figure 2: EGV Pressure Display AÇIK

Characteristics

Table 1: EGV Series characteristics

Feature	Values	
Maximum Working Pressure	500 mbar	
Supply Voltage	12-24 VDC ve 230 VAC	
Ambient temperature	-10°C to 60°C	-20°C to 60°C
Configuration	Inline	
Connections	Threaded ² = (DN 15 to DN 50) ¹ Flanged = DN 65 to DN 100	
¹ Different modular connection options include BSPP, BSPT and NPT.		
² Threaded connections as EN 10266-2, TS EN ISO 228-1, ASME B1.20.1 NPT Standards.		

Materials and Approvals

Table 2: EGV Series Materials and Approvals

Part	Material*	Standard
Body and Cover	Aluminium	EN 1706
Diaphragm and	Nitril Rubber	EN 549
Seat	Aluminium	EN 1706
*Above materials are listed for standard models. For other request please refer to our sales team or your local distributor.		

The EGV Filter is meticulously designed in compliance with the Turkish standard ÜBM-004-BK-008, guaranteeing exceptional performance and reliability. Furthermore, the EGV series is certified under the European Directive 2014/68/EU (PED), demonstrating its conformity to rigorous safety and pressure equipment standards.



ÜBM-004-BK-008



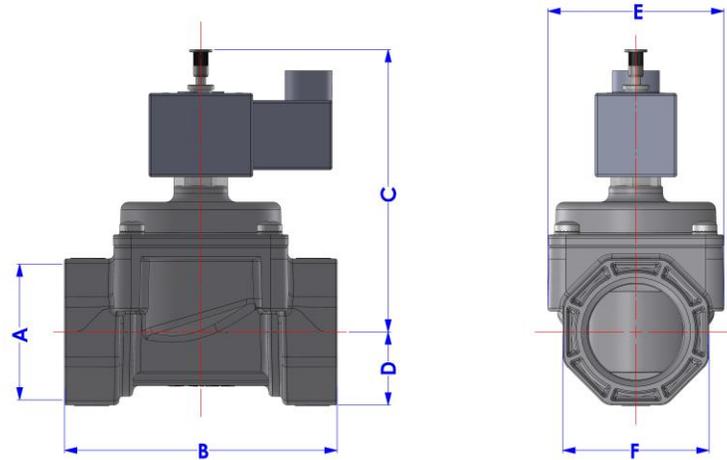
PED



LVD

Technical Data

Figure 6: EGV Technical Dimensions (DN 15 – DN 40)

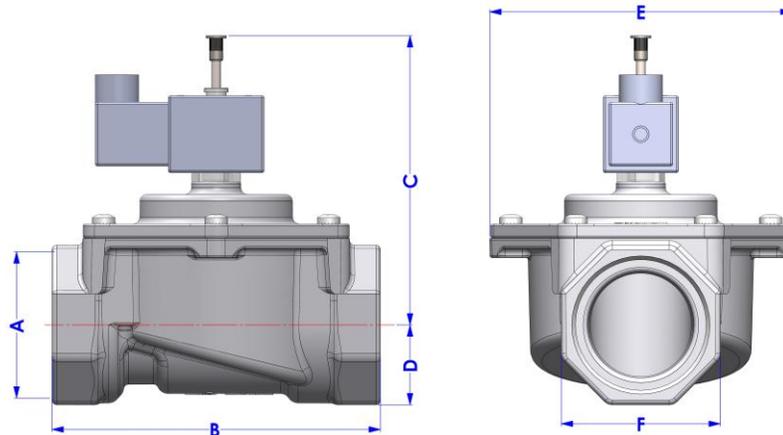


MODEL	A	B	C	D	E	F
EGV 1015	DN 15	85,5	102	21,5	55	AA43
EGV 1020	DN 20	85,5	102	21,5	55	AA43
EGV 1025	DN 25	85,5	102	21,5	55	AA43
EGV 1032	DN 32	110	115	30	70,5	AA 60
EGV 1040	DN 40	110	115	30	70,5	AA 60

* The unit of the above values is mm

Table 3: EGV Series Dimension Table (DN 15 – DN 40)

Figure 7: EGV Technical Dimensions DN 50

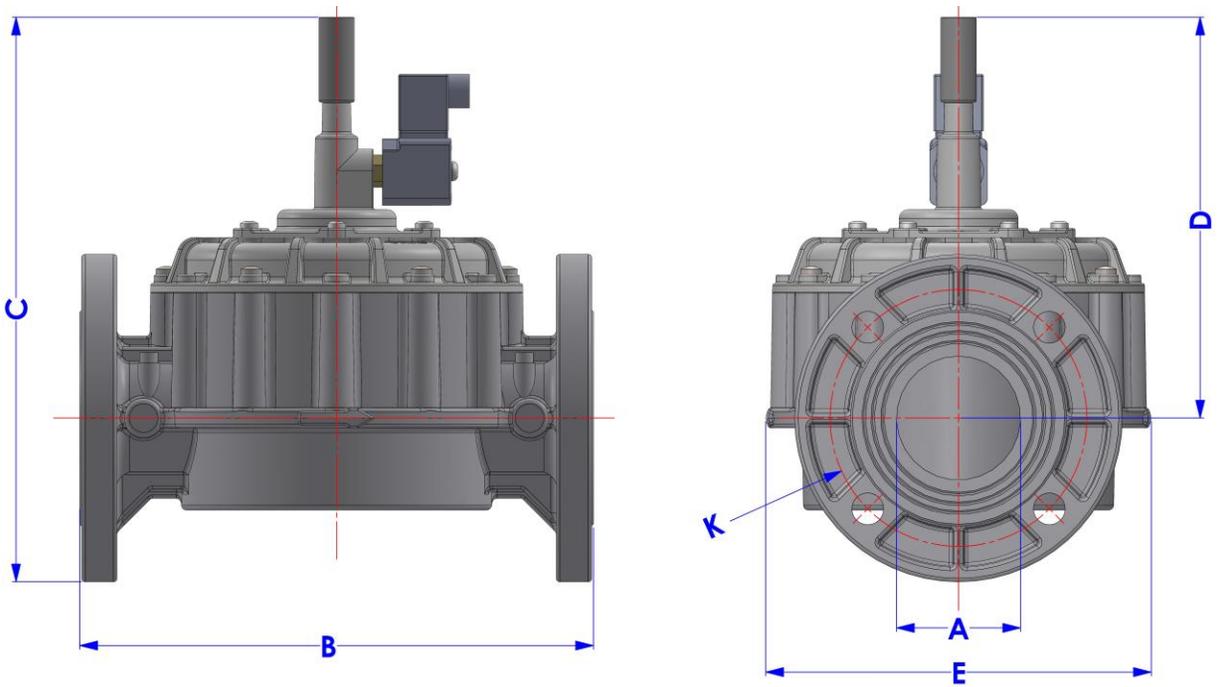


MODEL	A	B	C	D	E	F
EGV 1050	DN 50	144	127	35	133	AA 70

* The unit of the above values is mm

Table 4: EGV Series Dimension Table (DN 50)

Figure 8: EGV Technical Dimensions (DN 65 – DN 100)



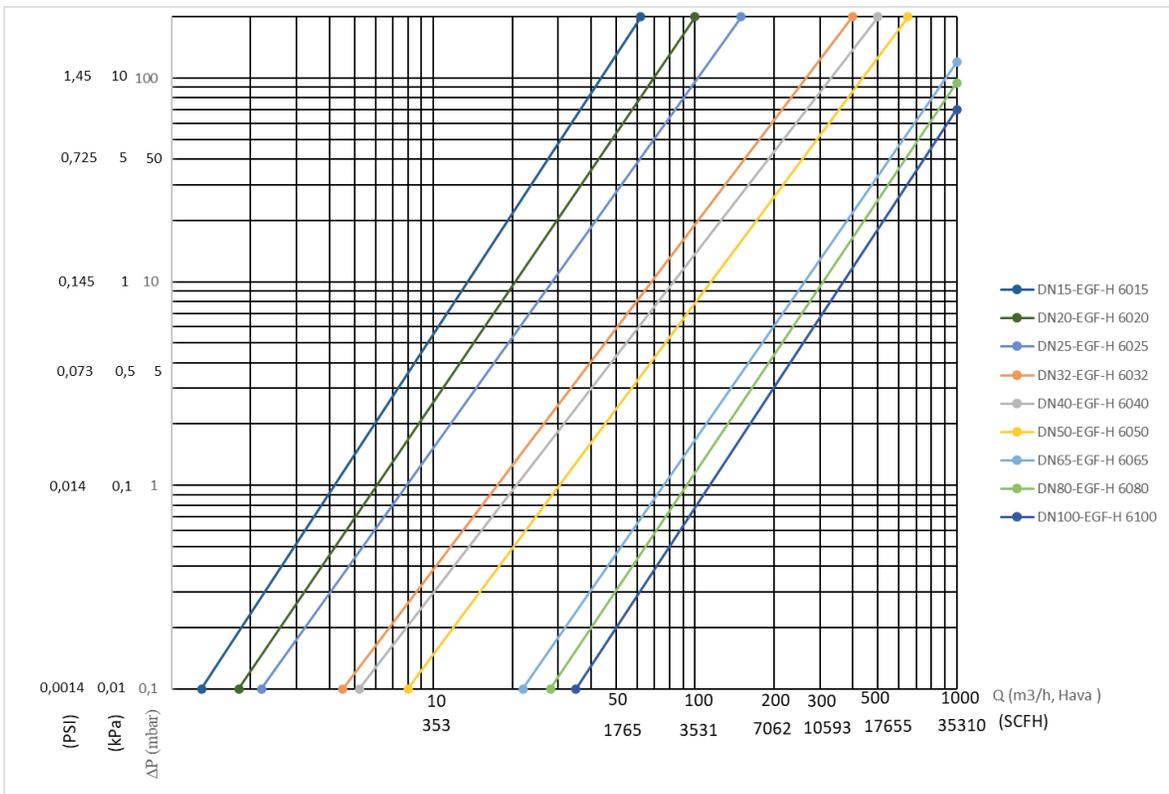
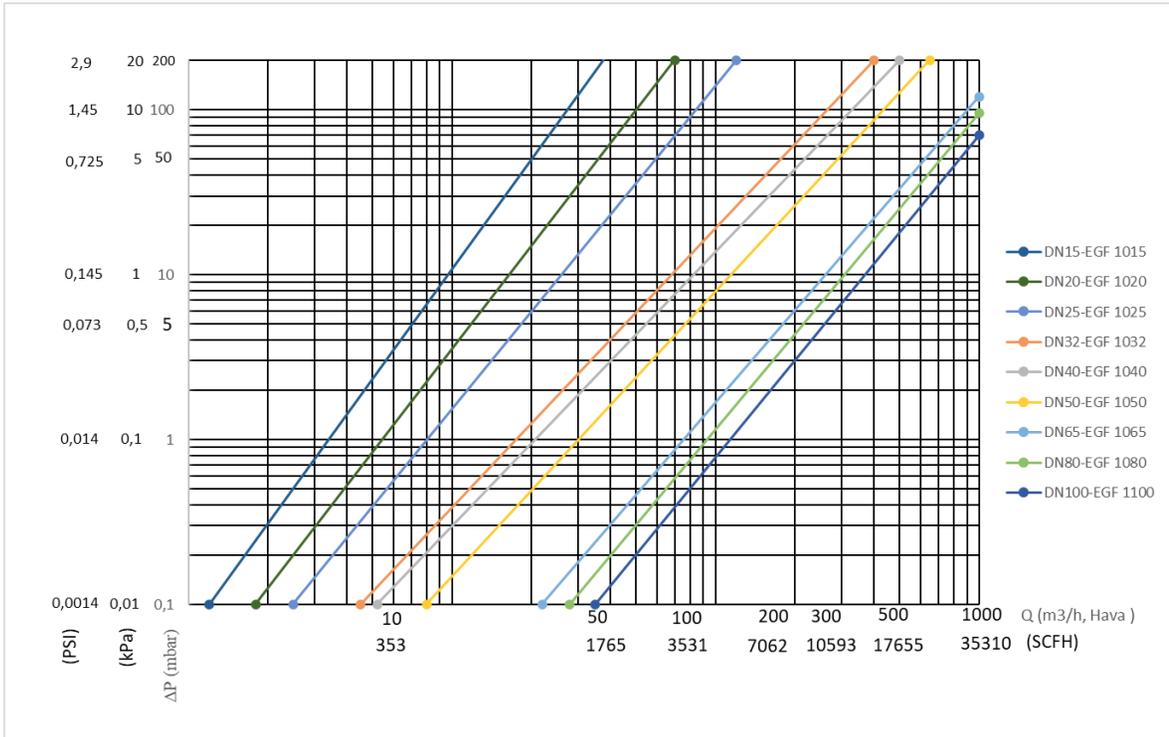
MODEL	DN	A	B	C	D	E	K	Number of Holes
EGV 1065	DN 65	70	290	320	185	220	145	4
EGV 1080	DN 80	85	310	330	230	220	160	8
EGV 1100	DN 100	100	350	320	220	254	180	8

* The unit of the above values is mm

Table 5: EGV Series Dimension Table (DN 65 – DN 100)

Capacity Table

Table 6: EGV Series Capacity Table



Packaging

Table 6: EGV Series Packing Information

Product	Unit Weight	Package Size (LxWxH cm)	Number of Boxed Products in 1 Package	Total Package Weight	Pallet Total Items	Pallet Total Weight
EGV DN (15-20-25)	Approximately 0,5 kg	40x26x42	50	25 kg	1000	Approximately 500 kg
EGV DN (32-40-50)	Approximately 1,10kg	58x32x34	16	18 kg	320	Approximately 350 kg
EGV DN (65-80)	Approximately 6,5 kg	58x32x34	1	6,5 kg	50	Approximately 325 kg
EGV DN 100	Approximately 9 kg	36x30x28	1	9 kg	50	Approximately 450 kg

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EGV Series
USER MANUAL

This manual is subject to change according to technical developments.

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