

FOUR BGK
Heat Recovery Units
With By-Pass Damper



Venues Breathe with DOGU HVAC Systems!

DOGU HVAC founded in 1999, and ever since has been manufacturing Energy-and Cost-Efficient products as Air Handling Units, Air Distribution & Management & Movement Systems [HVAC Components] and constantly enhancing to provide an integrated solution for well-being. DOGU HVAC's core business products which are subsumed under 4 major groups as Air Handling Units, Heat/Energy Recovery Units, Air Distribution & Management Products and Kitchen Ventilation Equipment are all produced under the compliance with EU standarts. Particularly AHU and HRU-ER units are entitled under the "FOUR SEASONS" brand name for domestic and foreign markets. DOGU HVAC's, headquarter in Izmir/Turkey, operates in a large-sized plant spread over 2 factories, in total area of 45,000 sqm. in which 25,000 sqm. indoor space that enables DOGU HVAC manufactures 140 various type of products. Additionally, DOGU HVAC has a powerful sales network with 3 sales offices located in Istanbul, Ankara and Antalya in Turkey as well as authorized dealers in many other countries for sales and after sales operations. DOGU HVAC has been exporting to more than 50 countries.

Thanks to our "Customer Satisfaction", "Zero-Defect Policy" motto and reinforced by complete certified products, more than 250 employees. DOGU HVAC R&D center developed exclusive products, such as Double Skin Make-Up Kitchen Hood, Recirculated Laminar Airflow Unit, Single Piece Square Ceiling Diffuser and Ecology Units, for the first time have brought to the sector. DOGU HVAC R&D has the ability to make customized production which can meet the requirement of the customers by means of special software such as "ANSYS FLUENT". DOGU HVAC guaranteed its quality of management by having advantages of ISO 9001, ISO 14001, ISO 18001 certifications. Air Handling Units have EUROVENT, TUV Hygiene [in accordance with DIN1946-4, VDI 6022-1, DIN EN 13053 standarts], CE, TSEK, GOST-R certifications; Fire Dampers have EN 1366-2 and EN 13501-3 CE certifications; Smoke Control Dampers have EN 1366-10 and 12101-8 CE certifications; Kitchen Ventilation Products have TSE, CE and GOST-R quality certifications.

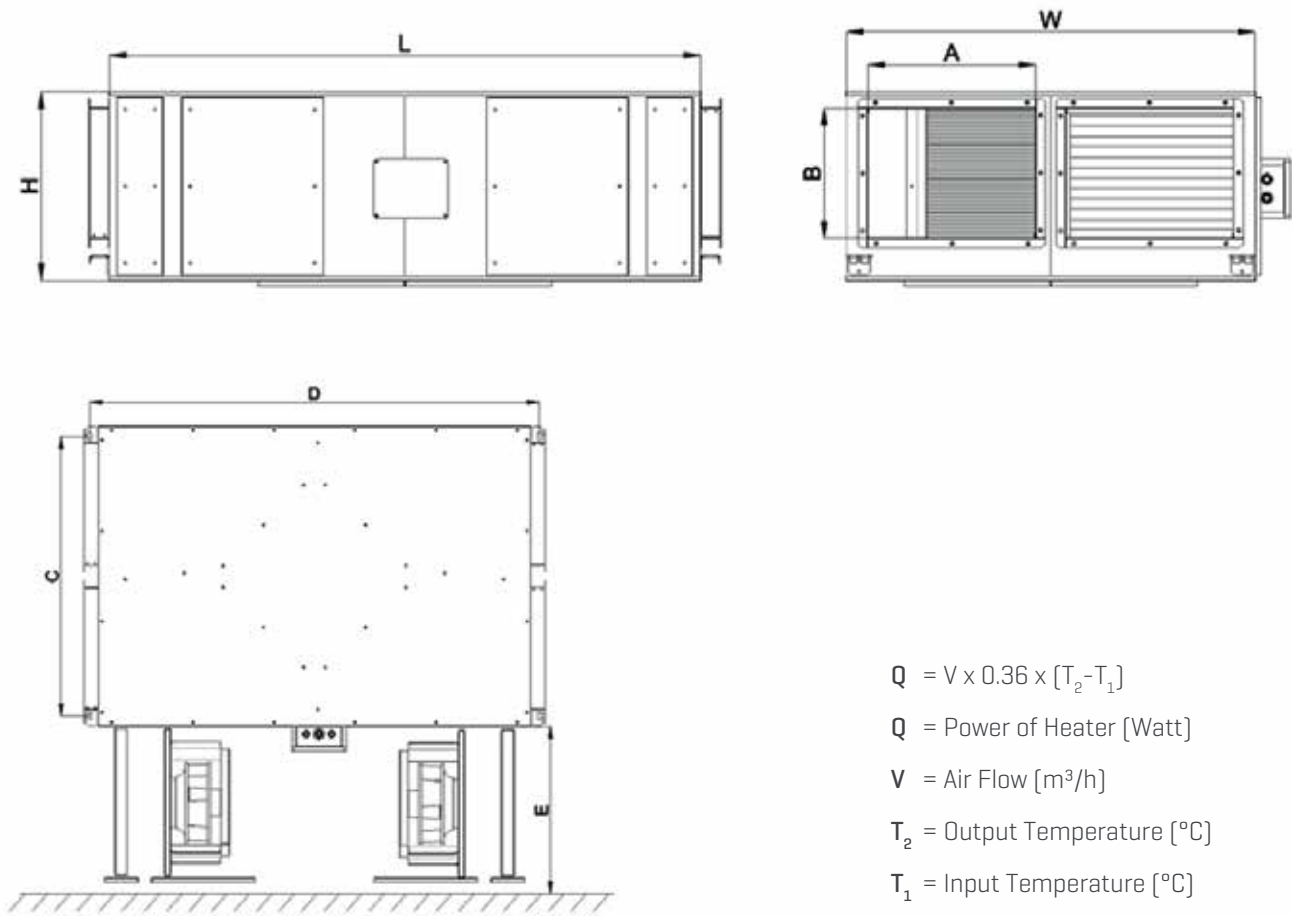




GENERAL INFORMATION

- ☞ Low Energy Consumption
- ☞ Aluminum Heat Exchanger with High Efficiency
- ☞ Low Sound Level
- ☞ High External Static Pressure
- ☞ G4 Class Filter
- ☞ By-Pass Damper
- ☞ Voltage Control
- ☞ Optional Water or Electric Heater
- ☞ Optional Sound Attenuator
- ☞ Optional Smart Control System

DIMENSIONS



$$Q = V \times 0.36 \times [T_2 - T_1]$$

Q = Power of Heater [Watt]

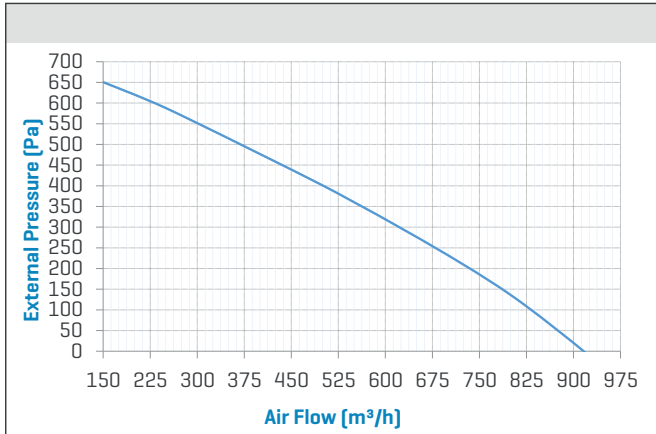
V = Air Flow [m³/h]

T₂ = Output Temperature [°C]

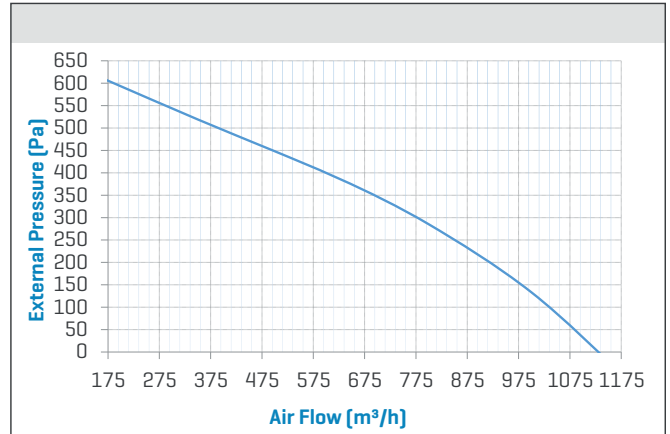
T₁ = Input Temperature [°C]

	Units	CAPACITY				L	W	H	A	B	C	D	E	Weight	ELECTRIC HEATER
		Air Flow	Pressure	Air Flow	Pressure										
		m ³ /h	Pa	m ³ /h	Pa	mm	mm	mm	mm	mm	mm	mm	mm	kg	Capacity
MODELS	BGK-09	910	0	800	150	1120	720	455	260	210	650	1086	400	55	3 Kw-2Kd
	BGK-11	1125	0	1000	150	1160	800	485	300	240	730	1126	440	60	4 Kw-2Kd
	BGK-15	1570	0	1350	150	1430	980	550	390	300	910	1496	550	105	6 Kw-3Kd
	BGK-25	2350	0	2000	150	1590	1100	610	450	350	1030	1656	610	130	9 Kw-3Kd
	BGK-30	3100	0	2500	150	1900	1126	720	510	460	1156	1966	660	165	12 Kw-3Kd
	BGK-40	4155	0	3500	150	1930	1300	775	550	520	1230	1996	700	210	15 Kw-3Kd
	BGK-55	5550	0	5000	150	1930	1300	775	550	520	1230	1996	700	210	15 Kw-3Kd

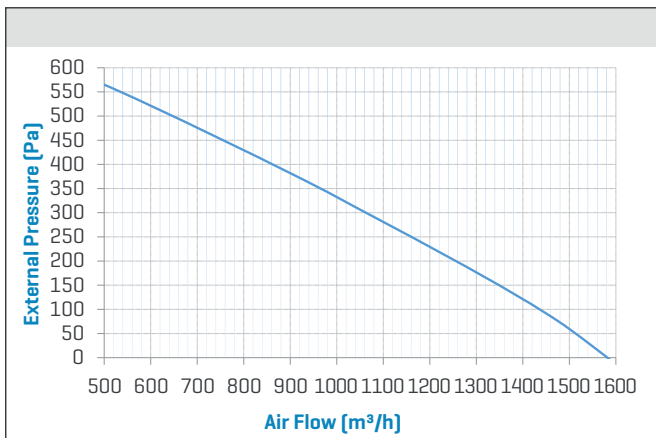
BGK-09



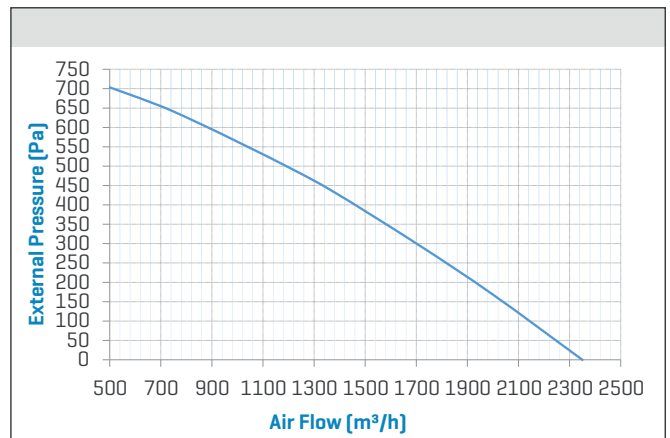
BGK-11



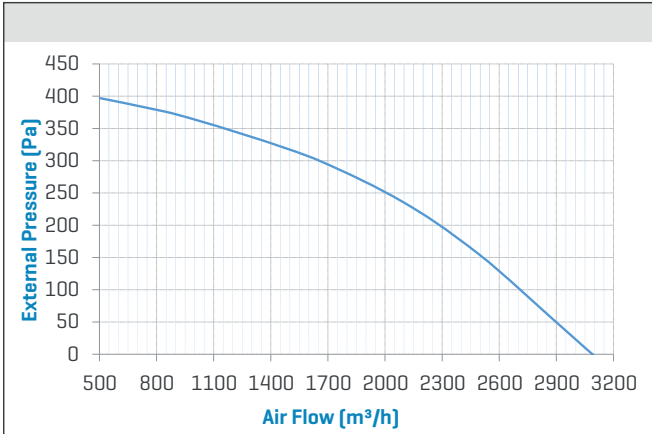
BGK-15



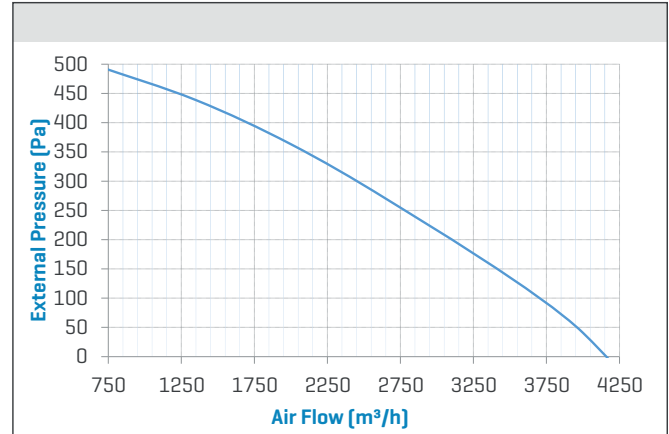
BGK-25



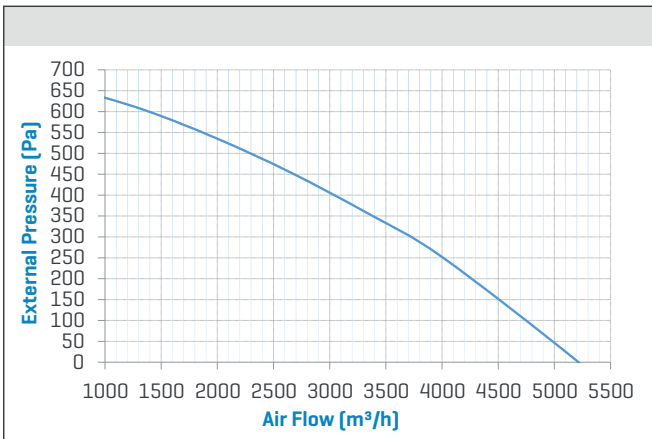
BGK-30



BGK-40



BGK-55





We make the difference with
140 different types of products.



Headquarter

ITOB Organize Sanayi Bölgesi 10010 Sk.
No: 4 35477 Tekeli, Menderes, İzmir/TURKEY
Tel: +90 232 799 02 40 | Fax: +90 232 799 02 44

Istanbul Sales Office

Barbaros Mah. Ciğdem Sk. No: 1 Ağaoğlu My Office
Kat: 4/18 Ataşehir, İstanbul/TURKEY
Tel: +90 216 250 55 45 | Fax: +90 216 250 55 56

info@doguhvac.com | www.doguhvac.com

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