



We have been producing and selling our **GTV** air heater devices for more than **10 years** now, during which period we collected plenty of information in connection with the functioning of the devices. This gathered information has been integrated into today's final product and thanks to this your chosen unit – whichever it is – will definitely meet all your highest expectations. The fact all the devices are made of the most outstanding raw materials serves the purpose of quality. Such materials are:

- Heat-proof rust-resisting steel pipe up to **700 °C**
- Patented ignition-proof burner line
- Honeywell magnetic valve and ignition controlling electronics
- First-class ventilators made in Europe

The **quality** of the devices is increased by the fact that all of the manufactured parts undergo a documented final examination before shipping. The air heating device burns the sucked-in mixture of burning-air and gas and creates the heating air which streams through a 3D shaped pipe heat exchanger where the streaming air heats up the pipe coil. The created heat gets into the target area with the help of a blow-off ventilator, which can be carried out by direct blowing or through a ventilation shaft. The devices can be regulated in three ways: by OFF-ON switching, by two-point, either in **100%** or **50%** mode or by scale-free modulation control. There are significant differences as regards saving between the modes.

Further advantages:

- **Patented** ignition-proof burner line
- **Unique**, perfectly fitting INOX exhaust system
- **Rust-resisting heat exchanger pipes with outstanding emission features**
- Simple, horizontal or vertical placing possibility
- On **easy-to-handle** pallets
- Up to a **7-year** complete, extended warranty\*







Our devices have an efficiency of 92%, which is excellent in their category and this is due to the heat-proof, rust-resisting 3D shaped steel pipes with high emission features.

## COURIOSITY

Our forced convection air heater devices functioning with pipe heat exchangers have been available since 2014 with 2-point and modulational controlling. Due to this fact the operating expenses of the device has decreased significantly. Devices functioning with this principle can decrease the income capacity of the device up to 50–60% automatically depending on the heating requirements. Depending on the chosen controlling mode it can be carried out in one step (2-point regulation) or even by scale-free modulation controlling.



\*The warranty is subject to a condition that the yearly maintenance is carried out on the device!

### GTV A Series of axial ventilated thermal injection systems

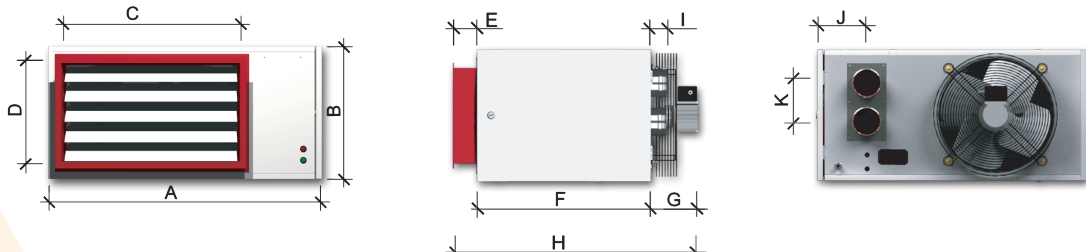
Type		GTV-20A	GTV-27A	GTV-33A	GTV-40A	GTV-48A	GTV-58A
The device complies with codesign 2281/2016							
Power [kW]		20	27	33	40	48	58
Threepoint and modulation power [kW]:		12...20	12...27	18...33	18...40	26...48	26...58
Air flow [m³/h]		2 270	2 797	3 478	4 158	5 014	5 890
Weight [kg]	Net	65,5	65,5	83,5	83,5	95	95
	Gross	79	79	98	98	106	106
Average electric consumption [VA]		219	239	416	455	437	610
Power supply		One phase 230V/50Hz					
The price of the On-Off switch device *							
Ordering code[Földgáz]		7432	7436	7439	7442	7445	7448
Ordering code[Propane]		7434	7437	7440	7443	7446	7449
with threepoint control (3P)							
Ordering code[Földgáz]		10204	10206	10208	10210	10212	10214
Ordering code[Propane]		10205	10207	10209	10211	10213	10215
With modulation control (MOD)							
Ordering code[Natural gas]		10216	10218	10220	10222	10224	10226
Ordering code[Propane]		10217	10219	10221	10223	10225	10227

\* The On-Off devices and the GTV-87....116 device does not have an energy certificate.

### GTV A Series of axial ventilated thermal injection systems

Type		GTV-68A	GTV-78A	GTV-87 A*	GTV-97 A*	GTV-107A*	GTV-116*	SPECIFICATIONS
The device complies with codesign 2281/2016				-	-	-	-	
Power [kW]		68	78	87	97	107	116	
Threepoint and modulation power [kW]		40...68	40...78	52...87	52...97	64...107	64..116	
Air flow [m³/h]		7 070	7 030	8 300	8 300	11 000	11 000	
Weight [kg]	Net	170	170	180	180	208	208	
	Gross	208	208	220	220	250	250	
Average electric consumption [VA]		1 026	1 026	836	836	1340	1340	
Power supply		One phase 230V/50Hz						
The price of the On-Off switch device *								
Ordering code[Natural gas]		8073	8075	8077	8079	8083	8081	
Ordering code[Propane]		8074	8076	8078	8080	8129	8082	
with threepoint control (3P)								
Ordering code[Natural gas]		10238	10242	-	-	-	-	
Ordering code[Propane]		10239	10243	-	-	-	-	
With modulation control (MOD)								
Ordering code[Natural gas]		10240	10244	-	-	-	-	
Ordering code[Propane]		10241	10245	-	-	-	-	







\* The On-Off devices and the GTV-87....116 device does not have an energy certificate.



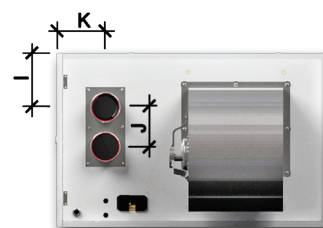
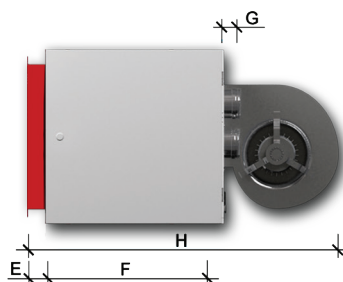
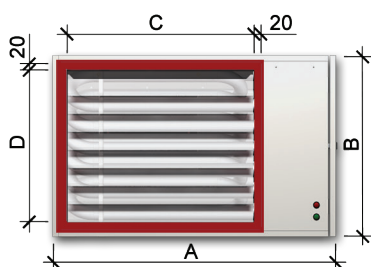
### GTV A Series of axial ventilated thermal injection systems

	GTV-20A	GTV-27A	GTV-33A	GTV-40A	GTV-48A	GTV-58A	GTV-68A	GTV-78A	GTV-87A	GTV-97A	GTV-107A	GTV-116A
A	950	950	950	950	950	950	1 250	1 250	1 250	1 250	1 250	1 250
B	470	470	610	610	750	750	810	960	960	960	1 110	1 110
H	855	855	855	855	855	855	985	985	985	985	985	985
C	600	600	600	600	600	600	850	850	850	850	850	850
D	350	350	500	500	650	650	700	850	850	850	1 000	1 000
E	80	80	80	80	80	80	80	80	80	80	80	80
F	620	620	620	620	620	620	750	750	750	750	750	750
G	155	155	155	155	155	155	155	155	155	155	155	155
I	60	60	60	60	60	60	60	60	60	60	60	60
J	170	170	170	170	170	170	170	170	170	170	170	170
K	140	140	140	140	140	140	140	140	140	140	140	140

# GTV C Series of centrifugal ventilated thermal injection systems

Type		GTV-20 C	GTV-27 C	GTV-33 C	GTV-40 C	GTV-48 C	GTV-58 C
The device complies with codesign 2281/2016							
Power [kW]		20	27	33	40	48	58
Threepoint and modulation power [kW]		12...20	12...27	18...33	18...40	26...48	26...58
Air flow [m³/h]		2270	2800	3480	4160	5010	5890
Weight [kg]	Net	67,5	67,5	93	93	117	117
	Gross	81	81	107	107	128	128
Average electric consumption [VA]		738	738	1 461	1 461	1 288	1 288
Power supply		One phase 230V/50Hz					
The price of the On-Off switch device *							
Ordering code[Natural gas]		7451	7454	7457	7460	7463	7466
Ordering code[Propane]		7452	7455	7458	7461	7464	7467
with threepoint control (3P)							
Ordering code[Natural gas]		10255	10257	10259	10261	10263	10265
Ordering code[Propane]		10256	10258	10260	10262	10264	10266
With modulation control (MOD)							
Ordering code[Natural gas]		10279	10281	10283	10285	10287	10289
Ordering code[Propane]		10280	10282	10284	10286	10288	10290







\* The On-Off devices does not have an energy certificate.



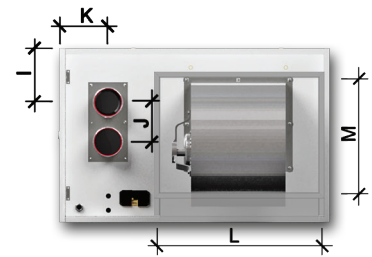
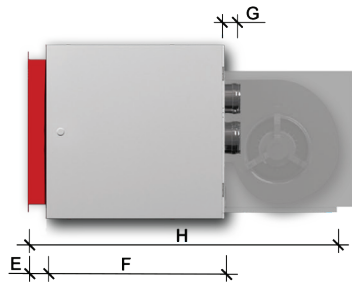
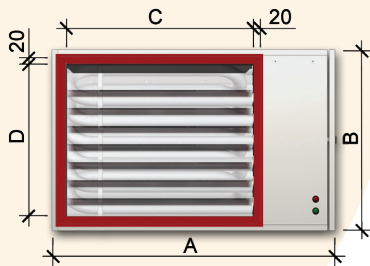
## GTV C Series of centrifugal ventilated thermal injection systems

	GTV-20C	GTV-27C	GTV-33C	GTV-40C	GTV-48C	GTV-58C
A	950	950	950	950	950	950
B	470	470	610	610	750	750
H	1 040	1 040	1 090	1 090	1 150	1 150
C	600	600	600	600	600	600
D	350	350	500	500	650	650
E	50	50	50	50	50	50
F	620	620	620	620	620	620
G	60	60	60	60	60	60
I	135	135	187	187	252	252
J	140	140	140	140	140	140
K	170	170	170	170	170	170

### GTV CL series of canalisable centrifugal ventilated thermal injection system

Type		GTV-20 CL	GTV-27 CL	GTV-33 CL	GTV-40 CL	GTV-48 CL	GTV-58 CL
The device complies with codesign 2281/2016							
Power [kW]		20	27	33	40	48	58
Threepoint and modulation power [kW]		12...20	12...27	18...33	18...40	26...48	26...58
Air flow [m³/h]		2270	2800	3480	4158	5014	5890
Weight [kg]	Net	69,5	69,5	96	96	121	121
	Gross	83	83	110	110	132	132
Average electric consumption [VA]		738	738	1 461	1 461	1 288	1 288
Power supply		One phase 230V/50Hz					
The price of the On-Off switch device *							
Ordering code[Natural gas]		7469	7473	7476	7479	7487	7490
Ordering code[Propane]		7470	7474	7477	7485	7488	7491
with threepoint control (3P)							
Ordering code[Natural gas]		10267	10269	10271	10273	10275	10277
Ordering code[Propane]		10268	10270	10272	10274	10276	10278
With modulation control (MOD)							
Ordering code[Natural gas]		10291	10293	10295	10297	10299	10301
Ordering code[Propane]		10292	10294	10296	10298	10300	10302
* The On-Off devices does not have an energy certificate.							

\* The On-Off devices does not have an energy certificate.



### GTV CL series of canalisable centrifugal ventilated thermal injection system

	GTV-20CL	GTV-27CL	GTV-33CL	GTV-40CL	GTV-48CL	GTV-58CL
A	950	950	950	950	950	950
B	470	470	610	610	750	750
H	1 120	1 120	1 150	1 150	1 200	1 200
C	600	600	600	600	600	600
D	350	350	500	500	650	650
E	50	50	50	50	50	50
F	620	620	620	620	620	620
G	60	60	60	60	60	60
I	135	135	187	187	252	252
J	140	140	140	140	140	140
K	170	170	170	170	170	170
L	500	500	550	550	600	600
M	350	350	400	400	450	450