

ApenGroup



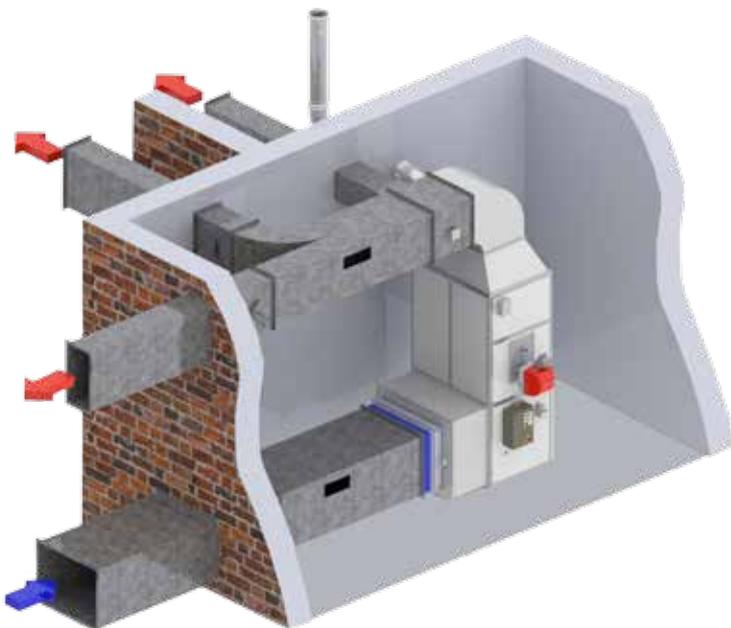
PK
Cabinet Warm Air Heater

ApenGroup[®]
aermaxline

PK-N / Cabinet Warm Air Heaters

WHY CHOOSE PK-N:

- Safety, ecological, advanced technology.
- Saves 30 % on fuel consumption.
- Highest efficiency on the market - up to 106 % on series PK-K.
- Highest efficiency up to 92 % on series PK-N
- Clean combustion - minimum emission of nitrogen oxides, carbon dioxide, carbon monoxide.
- Horizontal and vertical installation available.
- Simple and standard chimney applications.
- Environmental friendly.
- Modern and lighth design.



Ventilator with Centrifugal Fans

One or more centrifugal fans.
Statically and dynamically balanced.
Fan motor protection degree IP 54.

Automatic Control

Simple electrical connection.
Control board, protection degree IP 44.

Condensing
Product



Supporting Frame and Casing

Modern design.

Frame made in aluminium.

Double sandwich panels insulated with glass wool.

Indoor/Outdoor installation

15 models for indoor installation with capacity from 26kW to 1535 kW.

15 models for outdoor installation with capacity from 26kW to 1535kW.

For outdoor installation protecting cover guarantees a complete weather-protection to the burner, the electrical and safety components, inside of it.



PK-N: the experience is mixed with technology. A solution for any necessity

Apen Group has redesigned the new series of floor standing heaters PK-N, in order to improve the technical performances and consequently the safety, the efficiency and the quality, the requirements of customized solutions and respect for the environment.

The outfit has been improved thanks to the aluminium frames which, placed on the panels, make the geometric figures more harmonious. Therefore they fit in the installation, both industrial and civil.

PK-N heaters can be supplied in two versions:

- PKA-N: floor standing warm air heaters for indoor installation
- PKE-N: floor standing warm air heaters for outdoor installation.

The PKE-N heaters differ from the PKA-N in the protecting cover, that guarantees to the burner, the electrical and safety components, a complete weather-protection.

The panelling internal structure of the whole heater (burner casing included) warrants an IP44 atmospherical protection degree.



PK-N: Floor standing heaters

COMBUSTION CIRCUIT

- Stainless steel AISI 430 combustion chamber, with high exchange surface (with higher volume in respect to the thermal load). Thanks to its particular shape, it assures low thermal loads and a uniform heat distribution.
- Reverse flame combustion chamber, with three pass combustion circuit, completely welded, to assure a long operating life.
- High efficiency heat exchanger made of stainless steel with low carbon content. The exchanger is formed by a streamlined tube bundle with an aerodynamic profile.
- Patented tube heat exchanger (Patent n° MI94U00260).
- Exchanger tubes and plates are T.I.G. welded.
- One front and four rear inspection panels on the heat exchanger made in stainless steel AISI 430.
- Insulation of the inspection panels made in ceramic fibre.
- Sight glass with combustion chamber pressure tap.
- Insulation panel for the burner plate made in mineral fibre.

SAFETY DEVICES

- Fan and safety thermostats (manual reset) .
- 3-Function thermostat for all models, made of:
 - **STB Safety thermostat:** when activated, it immediately stops the burner and issues an alert (red lamp on control panel). Reset is manual
 - **TR Fan ON/OFF thermostat:** it delays starting the fan with respect to burner start up, thus avoiding blowing cold air into the room. When turning the system off, the fan is stopped after the burner, so it can cool down the exchanger.
 - **TW:** it allows to turn off the burner before the safety thermostat triggers. Reset is automatic. No alerts are issued when it triggers: just the burner is turned off.
- External control board in epoxy powder painted steel, protection degree IP44, in conformity with the existing norms (EN60335-1). It is fitted with:
 - Main switch with door lock.
 - Summer/OFF/winter switch.
 - Fuse, contactor and thermal relay for each fan motor.
 - Auxiliary relay.
 - Power supply signal lamp.
 - Thermal relay tripped lamp.

FRAME AND CASING

- Supporting frame made in aluminium.
- Double sandwich panels insulated with glass wool to limit the heat losses and improving the efficiency, made of:
 - Insulated panels on the exchanger section with 25mm thick, complete with gaskets, made of external pre-coated galvanised sheet iron panel, protected with 1 mm thick plastic film, insulating material made of glass wool 32 kg/m³, internal panel in galvanised sheet iron 0,6 mm thick, fixed with rivets on the external panel.
 - Insulated sandwich panels on the fan section with 25 mm thick, complete with gaskets, made of:
 - External panel: pre-coated galvanised sheet iron, protected with plastic film, 1mm thick.
 - Insulating material made of glass wool 32 kg/m³ covered on the external side with glass tissue and fixed to the external panel by means of galvanised sheet iron bars fixed with rivets.
 - Air inlet protected by means of a galvanised steel grille 1,5 mm thick. Standard location on the right, possibility to change easily to the left.
- All heaters are equipped with lifting lugs.

FAN SECTION

- One or more centrifugal fans according to the heater capacity with low rotation speed, to grant low noise.
- Double aspiration fans, statically and dynamically balanced, operated by motors, transmissions with belt and pulley (apart from models PK-N032 and PK-N035 at direct transmission).
- Fan motor protection degree IP54.
- Fan and motor supporting base in aluminium.
- For motors from 5,5 kW onwards, starting method star delta.

ACCESSORIES

On request, it can be supplied with plenum for the air distribution and air filter for the ambient purification. The plenum is supplied with bifilar louvers suitable for the use in industrial and commercial environments. The accurate design and manufacturing allow to obtain a plenum with louvers assuring high air delivery with strong air throw and reduced pressure losses. The standard plenum is manufactured with the air throw in three directions: two short sides and one long side. On specific request, it can be supplied with the air throw on two long sides and one short side.





PKA-N: Indoor floor standing heater (vertical installation)



PKE-N: Outdoor floor standing heater (horizontal installation)



PK-N / Technical Data

Model		PKA/E 032N	PKA/E 035N	PKA/E 060N	PKA/E 100N	PKA/E 120N
Heat input kW	min	24,8	24,8	43,0	68,5	68,5
	max	34,8	49,5	86,0	110,7	137,0
Heat output kW	min	23,5	23,5	40,4	64,4	64,3
	max	31,6	43,6	75,2	100,4	120,1
Efficiency %	min	94,8	94,8	94,0	94,0	94,0
	max	90,8	88,1	87,9	90,7	87,7
Counter pressure Pa	min	7	7	11	14	14
	max	15	17	25	32	40
Air flow (15°C and 1013 mbar)	m ³ /h	2.700	2.700	5.000	7.300	7.300
Δ T Air °K	min	26,8	26,8	26,0	28,3	28,3
	max	32,5	44,5	41,7	38,0	45,6
Available static pressure Pa	vers.00A (1)	90	90	70	80	80
	vers.10A	150	150	120	150	150
	vers.20A	-	-	240	270	270
Power supply	V/F/Hz	230/1~/50	230/1~/50	230/1~/50(2)	400/3N~/50	400/3N~/50
Number of motors x power absorbed kW	vers.00A	1 x 0,25	1 x 0,25	1 x 0,75	1 x 1,1	1 x 1,1
	vers.10A	1 x 0,56	1 x 0,56	1 x 1,1	1 x 1,5	1 x 1,5
	vers. 20A	-	-	1 x 1,5	1 x 2,2	1 x 2,2
Noise level dB(A) / mts	vers. 00A	51,3 / 6 mts	51,3 / 6 mts	53,7 / 6 mts	58,2 / 6 mts	58,2 / 6 mts
	vers. 10A	35,4 / 4 mts	35,4 / 4 mts	39,4 / 4 mts	44,1 / 4 mts	44,1 / 4 mts
	vers. 20A			41,3 / 4 mts	45,1 / 4 mts	45,1 / 4 mts

Model		PKA/E 140N	PKA/E 190N	PKA/E 250N	PKA/E 320N	PKA/E 420N
Heat input kW	min	96,0	115,0	154,0	185,0	260,0
	max	195,0	230,0	310,0	380,0	508,0
Heat output kW	min	90,2	108,1	145,0	173,9	245,0
	max	171,0	205,9	275,0	335,9	450,0
Efficiency %	min	94,0	94,0	94,0	94,0	94,4
	max	87,7	89,5	88,7	87,7	88,6
Counter pressure Pa	min	13	10	10	15	28
	max	50	40	50	60	120
Air flow (15°C and 1013 mbar)	m ³ /h	10.500	14.000	18.000	23.000	30.000
Δ T Air °K	min	23,8	23,4	22,4	21,1	22,3
	max	45,2	40,8	42,4	40,5	40,9
Available static pressure Pa	vers.00A (1)	70	70	70	70	70
	vers.10A	140	150	130	210	180
	vers.20A	280	230	250	320	270
Power supply	V/F/Hz	400/3N~/50	400/3N~/50	400/3N~/50(2)	400/3N~/50	400/3N~/50
Number of motors x power absorbed kW	vers.00A (1)	1 x 3,0	1 x 3,0	2 x 2,2	2 x 2,2	2 x 4,0
	vers. 10A	1 x 3,0	1 x 3,0	2 x 2,2	2 x 3,0	2 x 5,5 (3)
	vers. 20A	1 x 4,0	1 x 4,0	2 x 3,0	2 x 4,0	2 x 5,5 (3)
Noise level dB(A) / mts	vers. 00A	56,8 / 9 mts	59,4 / 9 mts	57,6 / 9 mts	59,8 / 9 mts	64,8 / 12 mts
	vers. 10A	45,5 / 4 mts	44,8 / 6 mts	43,1 / 6 mts	47,5 / 6 mts	47,7 / 10 mts
	vers. 20A	46,7 / 4 mts	46,1 / 6 mts	45,6 / 6 mts	48,6 / 6 mts	48,7 / 10 mts

(1) Only for models PKA-N

(2) 400/ 3N/ 50 for the models PKA/ PKE 060N-10A and PKA/ PKE 060N-20A

(3) y/ Δ starting method.

PK-N / Technical Data

Model		PKA/E 550N	PKA/E 700N	PKA/E 900N	PKA/E 1M2N 1170	PKA1M4N-290
Heat input kW	min	320,0	397,0	477,0	617,0	350,0
	max	670,0	818,0	1.028,0	1.170,0	1.535,0
Heat output kW	min	301,0	374,0	422,0	583,7	362,3
	max	592,0	730,0	920,0	1.049,5	1.380,0
Efficiency %	min	94,3	94,3	94,4	94,6	103,5
	max	88,4	89,3	89,5	89,7	89,9
Counter pressure Pa	min	21	25	28	53	100
	max	110	120	130	205	500
Air flow (15°C and 1013 mbar)	m ³ /h	40.000	54.000	68.500	74.000	110.000
Δ T Air °K	min	21,0	19,9	18,8	24,4	9,4
	max	41,0	38,8	38,5	43,9	35,9
Available static pressure Pa	vers.00A (1)	70	90	90	90	
	vers.10A	180	240	260	260	700
	vers.20A	280	350	400	400	
Power supply	V/F/Hz	400/3N~/50	400/3N~/50	400/3N~/50	400/3N~/50	400/3N~/50
Number of motors x power absorbed kW	vers.00A (1)	2 x 3,0	2 x 4,0	2 x 5,5 (3)	2 x 9,2	
	vers. 10A	2 x 4,0	2 x 5,5 (3)	2 x 9,2 (3)	2 x 11,0	60 (2x 30)
	vers. 20A	2 x 5,5 (3)	2 x 7,5 (3)	2 x 11,0 (3)	2 x 15,0	
Noise level dB(A) / mts	vers. 00A	54,6 / 12 mts	56,0 / 12 mts	59,0 / 12 mts	64,9 / 12 mts	
	vers. 10A	40,0 / 10 mts	40,1 / 10 mts	43,5 / 10 mts	43,5 / 10 mts	63,9 / 10 mts
	vers. 20A	41,0 / 10 mts	42,8 / 10 mts	45,4 / 10 mts	49,9 / 10 mts	

(1) Only for models PKA-N

(2) 400/ 3N/ 50 for the models PKA/ PKE 060N-10A and PKA/ PKE 060N-20A

(3) y/ Δ starting method.



Aluminium framework

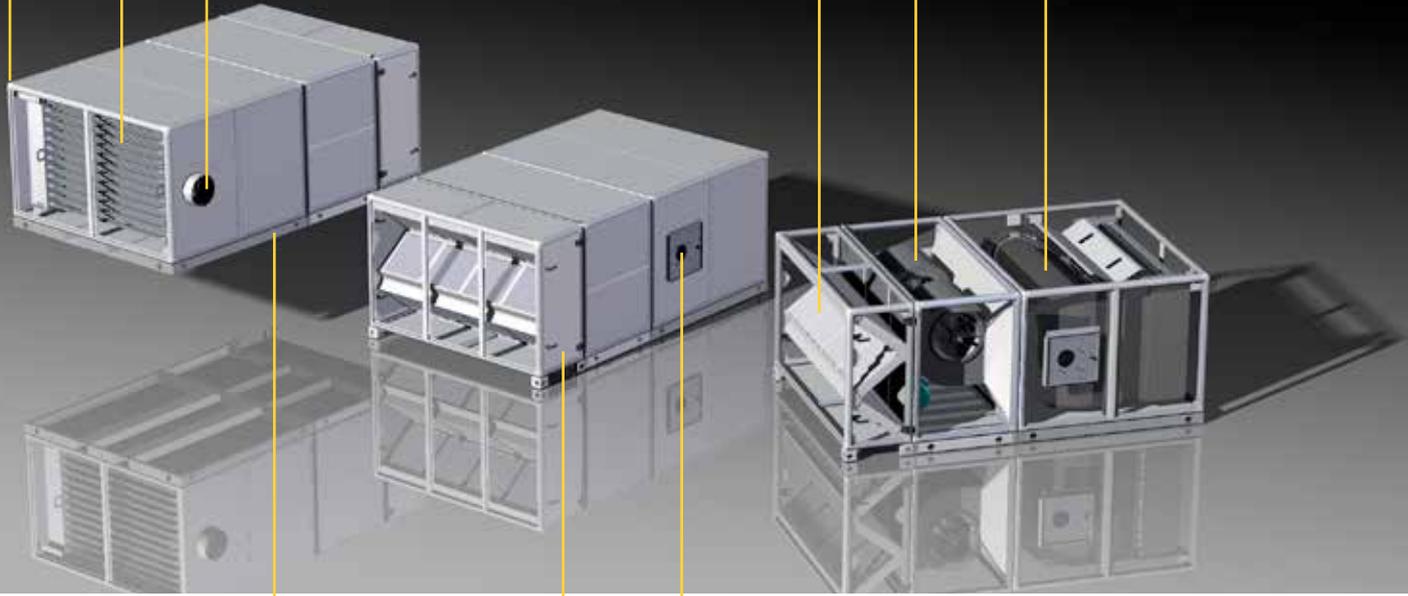
Stainless steel heat exchangers

Exhausted fumes discharge

Filters

Centrifugal fans

Stainless steel combustion chamber



Basement

Burner connection hole

Inspection door



PK-Kondensing/Efficiency up to 106%

ApenGroup has designed a special version of PK heaters called PK-K with a very high efficiency. These can be coupled only with gas burner and work with condensation with efficiency level up to 106%.

The special shape of the stainless steel heat exchangers joined with special turbulators which allow to reach this outstanding result.



Condensing Product

Model		PKA 032K	PKA 060K	PKA 100K	PKA 140K
EC Approval		0694BP0758			
NOx Class		4 - 5 with low NOx gas burners			
Heat input kW	min	14,0	22,0	26,5	38,0
	max	34,6	72,0	114,0	152,0
Heat output kW	min	14,3	22,5	27,1	38,5
	max	32,0	66,5	105,4	140,8
Efficiency %	min	102,5	102,4	102,4	101,2
	max	92,5	92,4	92,5	92,6
Counter pressure Pa	min	8	12	14	15
	max	40	100	100	140
Air flow (15°C and 1013 mbar)	m ³ /h	2.700	5.000	7.300	10.500
Δ T Air °K	min	26,8	26,0	28,3	23,8
	max	32,5	41,7	38,0	45,2
Available static pressure Pa	vers.00A (1)	90	70	80	70
	vers.10A	150	120	150	140
	vers.20A	-	240	270	280
Power supply	V/F/Hz	230/1~/50	230/1~/50(2)	400/3N~/50	400/3N~/50
	vers.00A	1 x 0,25	1 x 0,75	1 x 1,1	1 x 3,0
Number of motors x power absorbed kW	vers. 10A	1 x 0,56	1 x 1,1	1 x 1,5	1 x 3,0
	vers. 20A	-	1 x 1,5	1 x 2,2	1 x 4,0
	vers. 00A	51,3 / 6 mts	53,7 / 6 mts	58,2 / 6 mts	56,8 / 9 mts
Noise level dB(A) / mts	vers. 10A	35,4 / 4 mts	39,4 / 4 mts	44,1 / 4 mts	45,5 / 4 mts
	vers. 20A		41,3 / 4 mts	45,1 / 4 mts	46,7 / 4 mts
	vers. 00A				

(1) Only for models PKA-K

(2) 400/ 3N/ 50 for the models PKA/ PKE 060K-10A and PKA/ PKE 060K-20A

(3) y/ Δ starting method.

PK-K / Technical Data

Model		PKA 190K	PKA 250K	PKA 320K	PKA 420K
EC Approval		0694BP0758			
NOx Class		4 - 5 with low NOx gas burners			
Heat input kW	min	48,0	61,0	74,0	83,0
	max	200,0	270,0	347,0	455,0
Heat output kW	min	48,3	61,6	74,8	83,8
	max	182,2	248,9	319,8	419,4
Efficiency %	min	100,5	101,0	101,0	101,0
	max	92,6	92,2	92,2	92,2
Counter pressure Pa	min	15	19	19	30
	max	130	175	175	275
Air flow (15°C and 1013 mbar)	m ³ /h	14.000	18.000	23.000	30.000
Δ T Air °K	min	23,4	22,4	21,1	22,3
	max	40,8	42,4	40,5	40,9
Available static pressure Pa	vers.00A (1)	70	70	70	70
	vers.10A	150	130	210	180
	vers.20A	230	250	320	270
Power supply	V/F/Hz	400/3N~/50	400/3N~/50(2)	400/3N~/50	400/3N~/50
Number of motors x power absorbed kW	vers.00A (1)	1 x 3,0	2 x 2,2	2 x 2,2	2 x 4,0
	vers. 10A	1 x 3,0	2 x 2,2	2 x 3,0	2 x 5,5 (3)
	vers. 20A	1 x 4,0	2 x 3,0	2 x 4,0	2 x 5,5 (3)
	vers. 00A	59,4 / 9 mts	57,6 / 9 mts	59,8 / 9 mts	64,8 / 12 mts
Noise level dB(A) / mts	vers. 10A	44,8 / 6 mts	43,1 / 6 mts	47,5 / 6 mts	47,7 / 10 mts
	vers. 20A	46,1 / 6 mts	45,6 / 6 mts	48,6 / 6 mts	48,7 / 10 mts

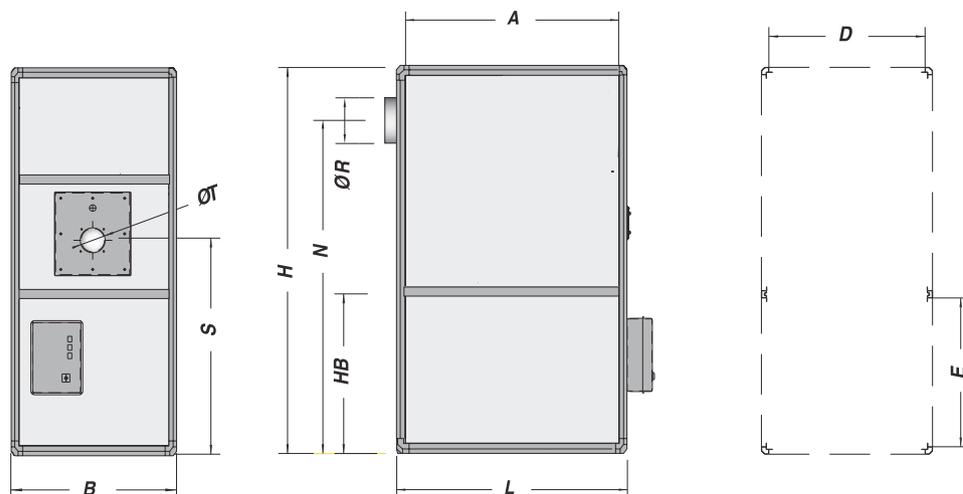
Model		PKA 550K	PKA 700K	PKA 900K	PKA1M2K 1130
EC Approval		0694BP0758			
NOx Class		4 - 5 with low NOx gas burners			
Heat input kW	min	95,0	126,0	175,0	175,0
	max	595,0	756,0	974,0	1.130,0
Heat output kW	min	96,1	127,6	179,7	186,0
	max	549,1	697,2	900,0	1.057,7
Efficiency %	min	101,2	101,3	102,7	106,3
	max	92,3	92,2	92,4	93,6
Counter pressure Pa	min	40	45	45	60
	max	365	410	420	615
Air flow (15°C and 1013 mbar)	m ³ /h	40.000	54.000	68.500	74.000
Δ T Air °K	min	21,0	19,9	18,8	7,8
	max	41,0	38,8	38,5	44,3
Available static pressure Pa	vers.00A (1)	70	90	90	90
	vers.10A	180	240	260	260
	vers.20A	280	350	400	400
Power supply	V/F/Hz	400/3N~/50	400/3N~/50	400/3N~/50	400/3N~/50
Number of motors x power absorbed kW	vers.00A (1)	2 x 3,0	2 x 4,0	2 x 5,5 (3)	2 x 9,2
	vers. 10A	2 x 4,0	2 x 5,5 (3)	2 x 9,2 (3)	2 x 11,0
	vers. 20A	2 x 5,5 (3)	2 x 7,5 (3)	2 x 11,0 (3)	2 x 15,0
	vers. 00A	54,6 / 12 mts	56,0 / 12 mts	59,0 / 12 mts	64,9 / 12 mts
Noise level dB(A) / mts	vers. 10A	40,0 / 10 mts	40,1 / 10 mts	43,5 / 10 mts	43,5 / 10 mts
	vers. 20A	41,0 / 10 mts	42,8 / 10 mts	45,4 / 10 mts	49,9 / 10 mts

(1) Only for models PKA-K

(2) 400/ 3N/ 50 for the models PKA/ PKE 060K-10A and PKA/ PKE 060K-20A

(3) y/ Δ starting method.

PKA - Vertical/ Dimensions

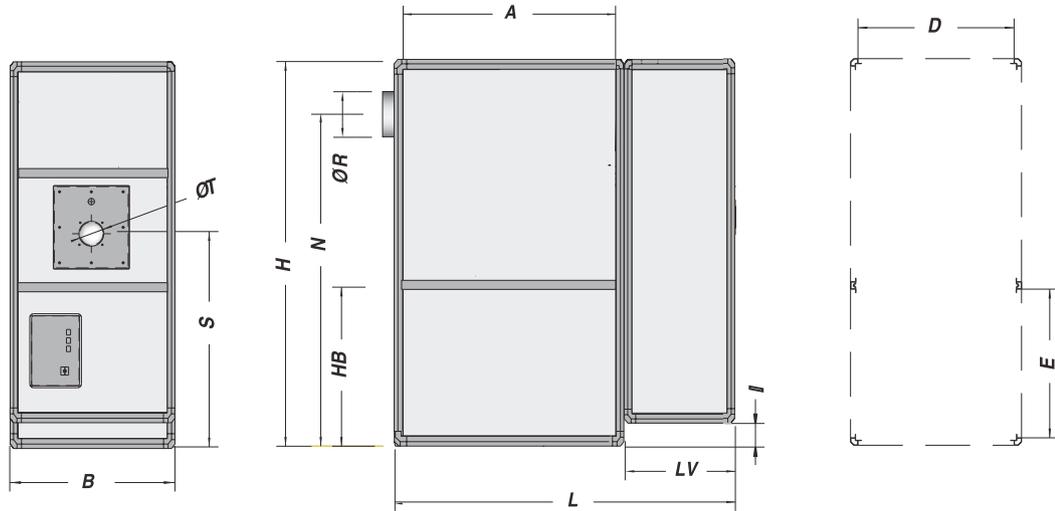


Model	Overall Dimensions				Suction		Throw		Chimney		Burner		Weight	
	L	B	H	Hb	A	E	A	D	N	$\varnothing R$	S	$\varnothing T$	Kg	
PKA032-035	750	530	1490	-	670	590	670	450	1210	120	860	135	116	(119)*
PKA060	995	700	1680	-	915	650	915	620	1420	150	940	135	174	(178)*
PKA100-120	1100	800	2020	-	1020	800	1020	720	1760	180	1190	190	246	(251)*
PKA140	1330	920	2080	-	1250	800	1250	840	1800	180	1155	190	320	(326)*
PKA190	1460	1060	2230	-	1380	800	1380	980	1960	250	1190	190	382	(390)*
PKA250	1750	1140	2330	-	1670	800	1670	1060	2020	250	1180	190	506	(517)*
PKA320	1960	1140	2330	-	1880	800	1880	1060	2040	250	1180	230	574	(587)*
PKA420	2170	1340	2800	1000	2070	900	2070	1240	2480	300	1440	230	902	(919)*
PKA550	2600	1340	3170	1290	2500	1190	2500	1240	2800	300	1930	230	1148	(1170)*
PKA700	2950	1600	3400	1290	2850	1190	2850	1500	3070	350	1800	290	1560	(1587)*
PKA900	3550	1700	3750	1420	3450	1320	3450	1600	3380	400	2000	290	1940	(1975)*
PKA 1M2	3550	1700	3750	1420	3450	1320	3450	1600	3380	400	2000	290	1940	(1975)*

* Weights referred to heaters series K

From the model PKA 420N, the heaters are supplied in two separate sections: exchanger and fan section.

PKE - Vertical / Dimensions

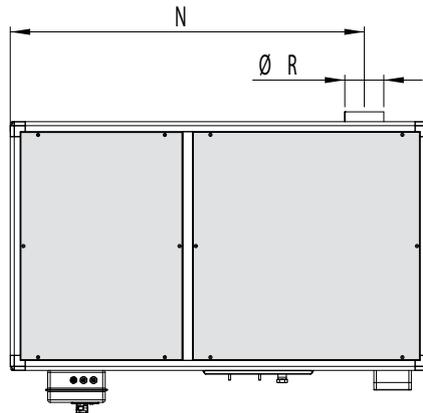
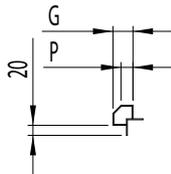
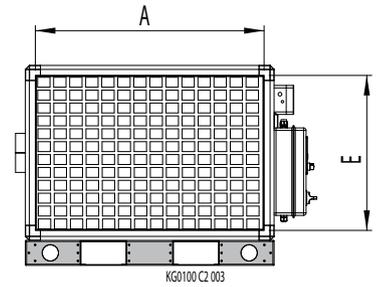
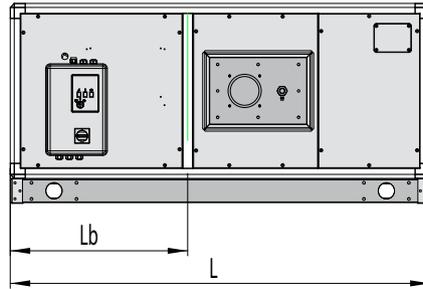
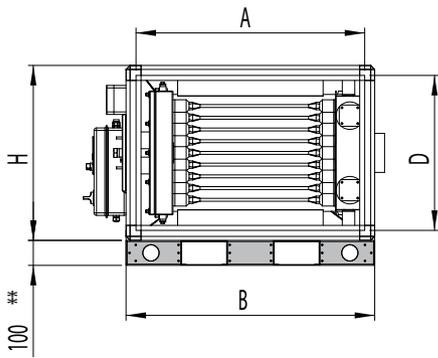


Model	Overall Dimensions				Suction		Throw		Chimney		Burner		Burner Box		Weight	
	L	B	H	Hb	A	E	A	D	N	ØR	S	ØT	LV	I	Kg	
PKE032-035	1250	530	1490	-	670	590	670	450	1210	120	860	135	500	100	148	(151)*
PKE060	1495	700	1680	-	915	650	915	620	1420	150	940	135	500	110	215	(219)*
PKE100-120	1600	800	2020	-	1020	800	1020	720	1760	180	1190	135	500	150	292	(297)*
PKE140	1930	920	2080	-	1250	800	1250	840	1800	180	1155	190	600	60	378	(384)*
PKE190	2190	1060	2230	-	1380	800	1380	980	1960	250	1190	190	730	150	460	(468)*
PKE250	2550	1140	2330	-	1670	800	1670	1060	2020	250	1180	190	800	100	592	(603)*
PKE320	2760	1140	2330	-	1880	800	1880	1060	2040	250	1180	230	800	100	660	(673)*
PKE420	3020	1340	2800	1000	2070	900	2070	1240	2480	300	1440	230	850	200	1010	(1027)*
PKE550	3600	1340	3170	1290	2500	1190	2500	1240	2800	300	1930	230	1000	220	1285	(1307)*
PKE700	3950	1600	3400	1700	2850	1190	2850	1500	3480	350	2211	290	1000	280	1710	(1737)*
PKE900	4550	1700	3750	1850	3450	1320	3450	1600	3808	400	2434	290	1000	200	2110	(2145)*
PKE 1M2	4550	1700	3750	1850	3450	1320	3450	1600	3808	400	2434	290	1000	200	2110	(2145)*

* Weights referred to heaters series K

From the model PKE 420N, the heaters are supplied in three separate sections: exchanger, fan and burner box section.

PKA - Horizontal / Dimensions

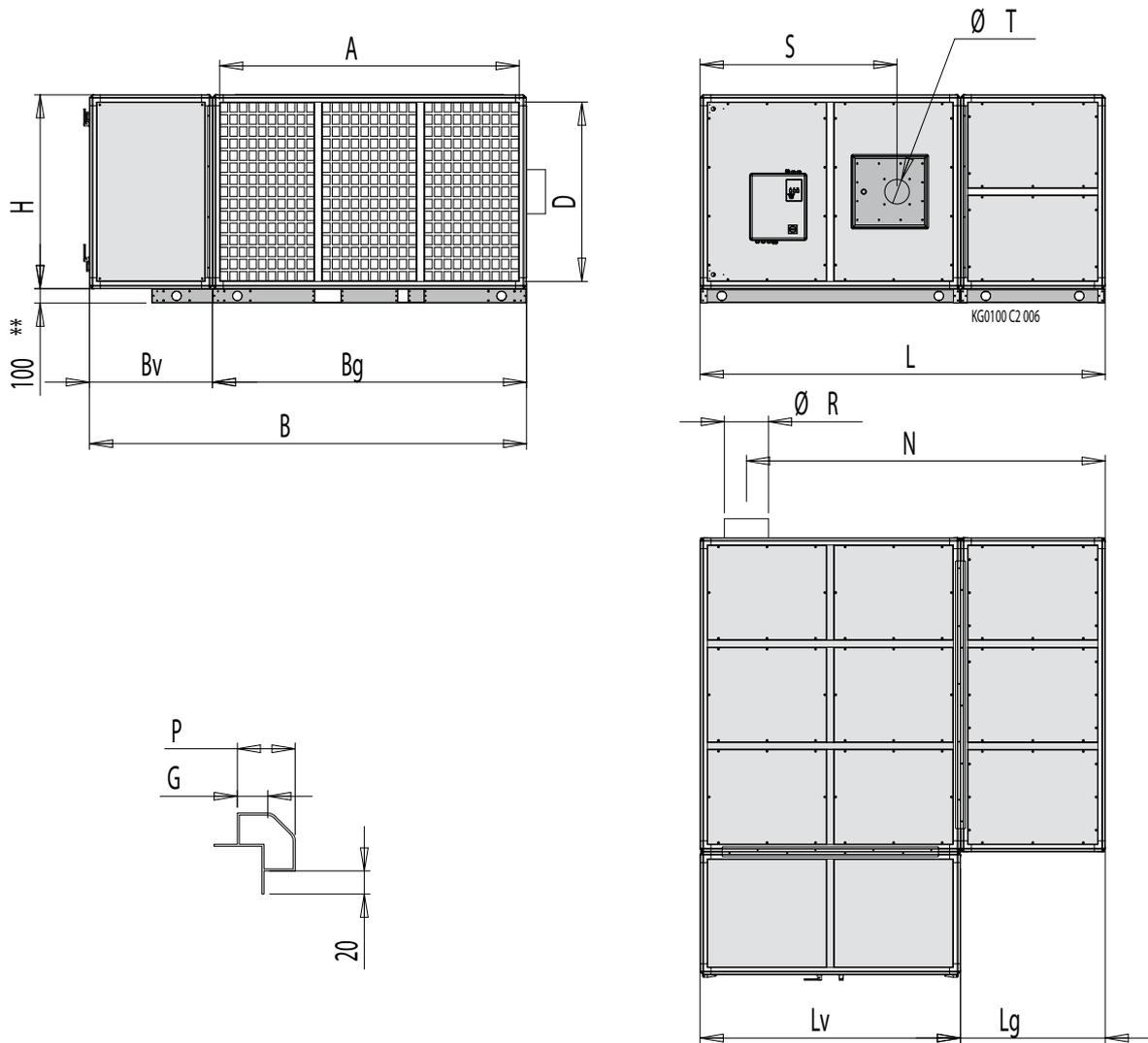


Model	Overall Dimensions				Suction		Throw		Chimney	Burner		Weight		
	B	H	L	Lb	A	E	A	D	N	ØR	S	ØT	Kg	
PKA032-035HA	750	530	1490	-	670	450	670	450	1210	120	860	135	118	(121)*
PKA060HA	995	700	1680	-	915	620	915	620	1420	150	940	135	176	(180)*
PKA100-120HA	1100	800	2020	-	1020	720	1020	720	1760	180	1190	190	261	(266)*
PKA140HA	1330	920	2080	-	1250	840	1250	840	1800	180	1155	190	344	(350)*
PKA190HA	1460	1060	2230	-	1380	980	1380	980	1960	250	1190	190	412	(420)*
PKA250HA	1750	1140	2330	-	1670	1060	1670	1060	2020	250	1180	190	551	(562)*
PKA320HA	1960	1140	2330	-	1880	1060	1880	1060	2040	250	1180	230	636	(649)*
PKA420HA	2170	1340	2800	1000	2070	1240	2070	1240	2480	300	1440	230	977	(994)*
PKA550HA	2600	1340	3170	1290	2500	1240	2500	1240	2800	300	1930	230	1230	(1252)*
PKA700HA	2950	1600	3400	1700	2850	1500	2850	1500	3480	350	2210	290	1650	(1677)*
PKA900HA	3550	1700	3750	1850	3450	1600	3450	1600	3808	400	2434	290	2045	(2080)*
PKA 1M2HA	3550	1700	3750	1850	3450	1600	3450	1600	3808	400	2434	290	2045	(2080)*

* Weights referred to heaters series K

**For heaters from model 700 and upwards the bottom frame is 140mm high, models 032/035 and 060 are supplied with metal feet

PKE - Horizontal / Dimensions



Model	Overall Dimensions			Suction		Throw		Chimney		Burner		Burner Box				Weight	
	B	H	L	A	D	A	D	N	$\varnothing R$	S	$\varnothing T$	Bg	Bv	Lg	Lv	Kg	
PKE032-035HA	1250	530	1490	670	450	670	450	1208	120	860	135	750	500	-	1490	148	(151)*
PKE060HA	1495	700	1680	915	620	915	620	1417	150	940	135	995	500	-	1680	215	(219)*
PKE100-120HA	1600	800	2020	1020	720	1020	720	1760	180	1190	135	1100	500	-	2020	307	(312)*
PKE140HA	1930	920	2080	1250	840	1250	840	1800	180	1155	190	1330	600	-	2080	402	(408)*
PKE190HA	2190	1060	2230	1380	980	1380	980	1960	250	1190	190	1460	730	-	2230	490	(498)*
PKE250HA	2550	1140	2330	1670	1060	1670	1060	2020	250	1180	190	1750	800	-	2330	637	(648)*
PKE320HA	2760	1140	2330	1880	1060	1880	1060	2040	250	1180	230	1960	800	-	2330	722	(735)*
PKE420HA	3020	1340	2800	2070	1240	2070	1240	2480	300	1440	230	2170	850	1000	1800	1080	(1097)*
PKE550HA	3600	1340	3170	2500	1240	2500	1240	2800	300	1980	230	2600	1000	1290	1880	1370	(1392)*
PKE700HA	3950	1600	3400	2850	1500	2850	1500	3480	350	2211	290	2950	1000	1270	2130	1810	(1837)*
PKE900HA	4550	1700	3750	3450	1600	3450	1600	3808	400	2434	290	3550	1000	1420	2330	2215	(2250)*
PKE 1M2HA	4550	1700	3750	3450	1600	3450	1600	3808	400	2434	290	3550	1000	1420	2330	2215	(2250)*

* Weights referred to heaters series K

**For heaters from model 700 and upwards the bottom frame is 140mm high, models 032/035 and 060 are supplied with metal feet

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