

# BURNERS



# ALL THERM

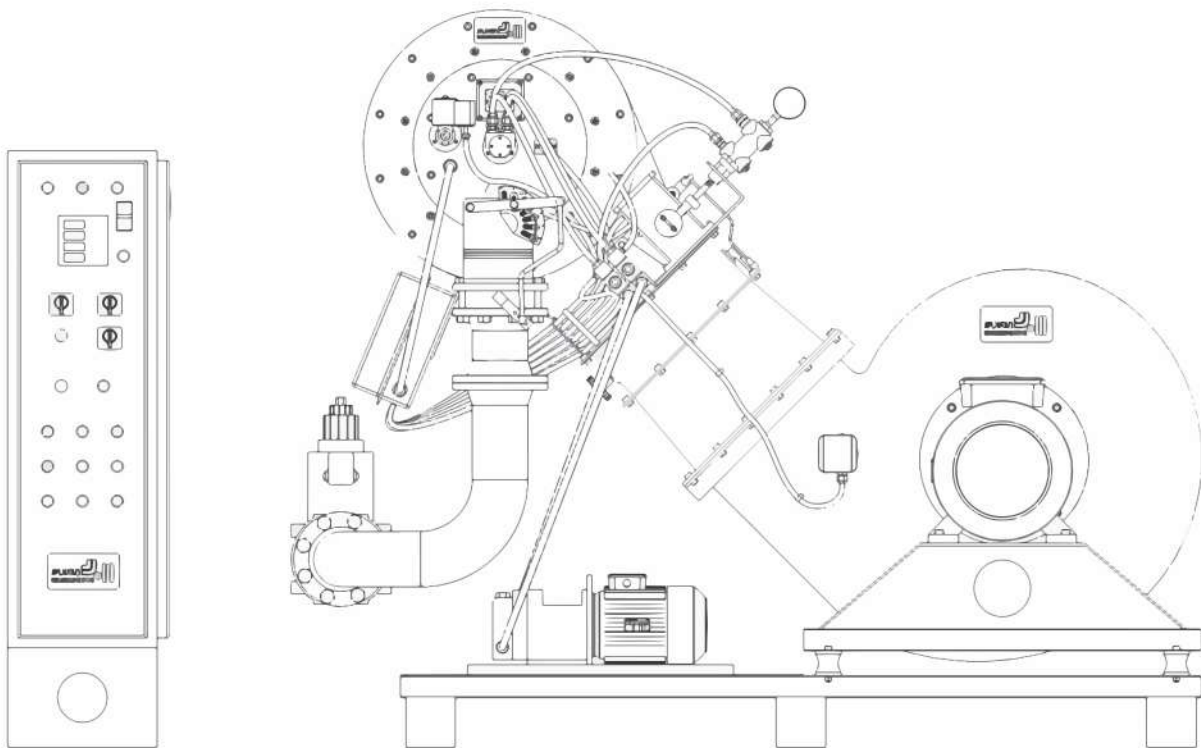
OIL, GAS AND DUAL: UP TO 5M KCAL/H  
THIRD WORLDWIDE INDUSTRIAL GROUP  
INTERNATIONAL CERTIFICACION

**2 YEAR GUARANTY**

Iran Radiator "I" series Burners with heat capacity starting from 1,500,000 up to 5,000,000 kCal/h are professionally engineered and produced. They operate on gas, oil or dual fuel models to attain the desired performance without thermal power loss on hot water boilers and also steam boilers which have high pressure loss in combustion chamber and gas tubes. These burners are mostly used on hot water or steam boilers that have three passes of gas flow or boilers equipped with economizer (to increase the efficiency of the boiler) and also in asphalt factories.

The capacity of burners within the range of 1,500,000 to 2,500,000 kCal/h is controlled by a two-stage system (upon request can be produced in three-stage or modulating type) and burners within the range of 3,000,000 to 5,000,000 kCal/h are controlled by a modulating system (upon request can be produced in three-stage type).

All extra equipment such as suitable gas train for the burner, temperature controller, pressure controller, excess air and motor speed control system would be available upon request.



Special features of ID4400 and ID5800 burners:

- 1- High static pressure fan to overcome the pressure loss in gas flow in three-pass boilers, boilers equipped with super heater or economizer.
- 2- Equipped with secondary air damper in order to match the length and diameter of the flame with the dimensions of the combustion chamber.
- 3- Modulating capacity control system (integrated adjustment) having 6:1 turndown ratio on gas side and 4:1 on diesel side.  
This feature keeps the burner from unnecessarily switching on and off, prevents the hot water temperature or steam pressure from fluctuating and reduces the depreciation of the burner.
- 4- Advanced fuel system and capacity control in liquid fuel mode. The modulating capacity control system is applied in these burners, the nozzle rod is from "Fluidics Instruments" (company from Netherlands) and oil regulator is from HP Technik (company from Germany) which are two of the most credible burner parts manufacturers.
- 5- Providing real heating capacities by using appropriate set of fan and advanced design of the parts in which the air and fuel are mixed.
- 6- Ability to run on mazut upon request.
- 7- Precise adjustment of air and fuel amount using separate equipment installed on gas butterfly valve, air damper and oil regulator.

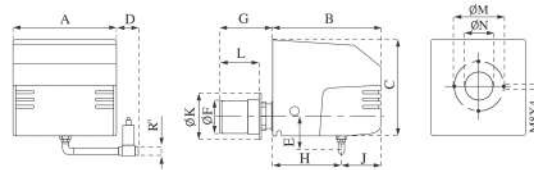
**New generation of Iran Radiator burners Low fuel consumption, high efficiency, low noise and environmentally friendly (low excess air technology)**



**Main features:**

- Maximum efficiency on steel and cast iron boilers (using six branch flame and high static pressure fan)
- Perfect flame stability in all stages of burner operation (by means of flame retainer)
- Partial premix technology and six branch flame
- functionality with natural gas and LPG
- Easy service and maintenance
- Efficient performance with low gas pressure
- Very low noise

**In accordance with Iranian organization for Science and Technology Research, this burner's fuel consumption is 14% more efficient than other burners in Iran's market.**

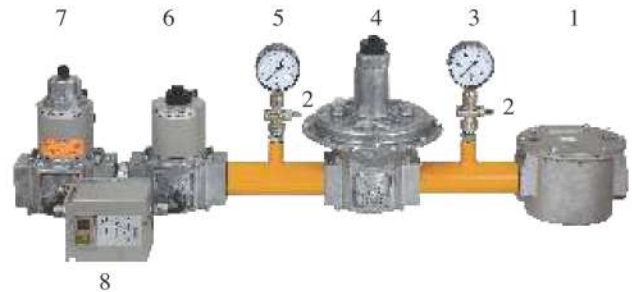


Burner Model	Heating Capacity (kCal/h)	Dimensions (mm)													R"
		A	B	C	D	E	ØF	G	H	J	ØK	L	ØM	ØN	
GMG 85	85,000	406	285	372	100	102	115	252	166	118	200	162-202	150-170	120	½
GMG 110	109,000	406	285	372	100	102	115	252	166	118	200	162-202	150-170	120	1
GMG 220	190,000	406	355	440	100	102	115	252	166	180	200	162-202	150-170	120	1

**Burners capacity is calculated based on heating value of  $H_u=8177$  kCal/m<sup>3</sup> for natural gas  
All specifications are subject to change without prior notice**

**Gas train for gas and dual fuel burners:**

- 1- Filter
- 2- Manual manometer valve (push button)
- 3- Manometer (0-250 mbar)
- 4- Regulator
- 5- Manometer (0-100 mbar)
- 6- Fast opening safety solenoid valve (part of burners equipment except PGN1A, PGN1B, DP1SP)
- 7- Slow opening gas solenoid valve (part of burners equipment)
- 8- Gas leak controller (Only for models: GT2800, GT3400, GT4000, GT4400)



Model	Connection type	Suitable for burners:				Manual manometer valve (push button)	Manometer	Gas Leak Controller
		Gas	Dual	Regulator	Filter			
GT 800	Threaded	PGN1A PGN1B PGN1C PGN1	DP1SP	1 unit 1 1/2"	1 unit 1 1/2"	2 unit 1 1/2"	1 Unit 0-100 mbar 1 Unit 0-250 mbar	-
GT 1800	Threaded	PGN1SP PGN2A PGN2 IG1700	DP1BSP DP1C-SP DP2A DP2 ID1700	1 unit 2"	1 unit 2"	2 unit 1 1/2"	1 Unit 0-100 mbar 1 Unit 0-250 mbar	-
GT 2800	Threaded	PGN2SP IG2100 IG2800	DP2SP ID2100 ID2800	1 unit 2"	1 unit 2"	2 unit 1 1/2"	1 Unit 0-100 mbar 1 Unit 0-250 mbar	1 Unit
GT 3400	Flange	PGN3	DP3	1 unit 2 1/2"	1 unit 2 1/2"	2 unit 1 1/2"	1 Unit 0-100 mbar 1 Unit 0-250 mbar	1 Unit
GT 4000	Flange	PGN3SP	DP3SP	1 unit 3"	1 unit 3"	2 unit 1 1/2"	1 Unit 0-100 mbar 1 Unit 0-250 mbar	1 Unit
GT 4400	Flange	IG4400 IG5800	ID4400 ID5800	1 unit 1 1/2" (for pilot gas valve)	1 unit 3"	2 unit 1 1/2"	1 Unit 0-100 mbar 1 Unit 0-250 mbar	1 Unit

**All specifications are subject to change without prior notice**



# OIL BURNERS

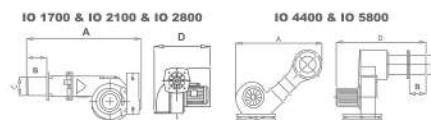


Table of heat capacity and dimensions (in millimeter)

Model	Heat Capacity	Function	A	B	C	D
IO 1700	425,000 – 1,500,000	Two Stage	1306	246	219	857
IO 2100	620,000 – 1,900,000	Two Stage	1306	246	254	857
IO 2800	660,000 – 2,400,000	Two Stage	1306	246	254	857
IO 4400	1,000,000 – 4,000,000	Modulating	1835	300	340	1550
IO 5800	1,250,000 – 5,000,000	Modulating	1980	300	340	1660

Control panel contains: fuse switches, contactor, bimetal, control unit, signal indicators and related equipment.

Model	Fan Motor	Servo motor	Control Unit	Burner Components
IO 1700	3 ~ 4 KW & 3 ~ 1.1 KW	LKS 310	TMO 720	Suntec pump model AJ6 or equivalent, 3 solenoid valve 1/4", photocell
IO 2100	3 ~ 5.5 KW & 3 ~ 1.5 KW	LKS 310	TMO720	Suntec pump model E7 or equivalent, 3 solenoid valve 1/4", photocell
IO 2800	3 ~ 7.5 KW & 3 ~ 1.5 KW	LKS 310	TMO720	Suntec pump model E7 or equivalent, 3 solenoid valve 1/4", photocell
IO 4400	3 ~ 15 KW & 3 ~ 1.5 KW	9484F1057	TMG740	Suntec pump model TA2A or equivalent, oil solenoid valve NO 1/4", oil solenoid valve NC 1/4", UV cell
IO 5800	3 ~ 22 KW & 3 ~ 1.5 KW	9484F1057	TMG740	Suntec pump model TA3A or equivalent, oil solenoid valve NO 1/4", oil solenoid valve NC 1/4", UV cell

# GAS BURNERS

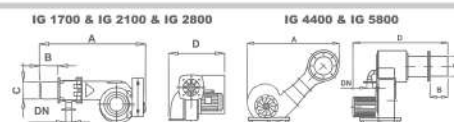


Table of heat capacity and dimensions (in millimeter)

Model	Heat Capacity	Function	A	B	C	D	DN
IG 1700	425,000 – 1,500,000	Two Stage	1306	246	219		DN 50
IG 2100	620,000 – 1,900,000	Two Stage	1306	246	254		DN 50
IG 2800	660,000 – 2,400,000	Two Stage	1306	246	254		DN 50
IG 4400	660,000 – 4,000,000	Modulating	1835	300	340		DN 100
IG 5800	835,000 – 5,000,000	Modulating	1980	300	340		DN 100

Control panel contains: fuse switches, contactor, bimetal, control unit, signal indicators and related equipment.

Model	Fan Motor	Servo motor	Control Unit	Burner Components
IG 1700	3~4 KW	LKS 310	TMG 740	Fast opening gas solenoid valve 2", 2 stage slow opening gas solenoid valve 2", air and gas pressure switch, UV cell
IG 2100	3~ 5.5 KW	LKS 310	TMG 740	Fast opening gas solenoid valve 2", 2 stage slow opening gas solenoid valve 2", air and gas pressure switch, UV cell
IG 2800	3~ 7.5 KW	LKS 310	TMG 740	Fast opening gas solenoid valve 2", 2 stage slow opening gas solenoid valve 2", air and gas pressure switch, UV cell
IG 4400	3~ 15 KW	9484F1057	TMG 740	Fast opening gas solenoid valve 2 1/2", slow opening gas solenoid valve 2 1/2", 2 gas solenoid valve 1/2" (Pilot), air and gas pressure switch, UV cell
IG 5800	3~ 22 KW	9484F1057	TMG 740	Fast opening gas solenoid valve 3", slow opening gas solenoid valve 3", 2 gas solenoid valve 1/2" (Pilot), air and gas pressure switch, UV cell

# DUAL FUEL BURNERS GAS & OIL

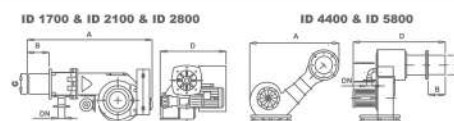


Table of heat capacity and dimensions (in millimeter)

Model	Heat Capacity	Function	A	B	C	D	DN
ID 1700	425,000 – 1,500,000	Two Stage	1306	246	219	857	DN 50
ID 2100	620,000 – 1,900,000	Two Stage	1306	246	254	857	DN 50
ID 2800	660,000 – 2,400,000	Two Stage	1306	246	254	857	DN 50
ID 4400	660,000 – 4,000,000	Modulating	1835	300	340	1550	DN 100
ID 5800	835,000 – 5,000,000	Modulating	1980	300	340	1660	DN 100

Control panel contains: fuse switches, contactor, bimetal, control unit, signal indicators and related equipment.

Model	Fan Motor	Servo motor	Control Unit	Burner Components
ID 1700	3~4kW 3~1.1kW	LKS 310	TMG 740	Fast opening gas solenoid valve 2", 2 stage slow opening gas solenoid valve 2", Suntec pump model AJ6 or equivalent, 3 oil solenoid valve 1/4", air and gas pressure switch, UV cell
ID 2100	3~5.5kW 3~1.5kW	LKS 310	TMG 740	Fast opening gas solenoid valve 2", 2 stage slow opening gas solenoid valve 2", Suntec pump model E7 or equivalent, 3 oil solenoid valve 1/4", air and gas pressure switch, UV cell
ID 2800	3~7.5kW 3~1.5kW	LKS 310	TMG 740	Fast opening gas solenoid valve 2", 2 stage slow opening gas solenoid valve 2", Suntec pump model E7 or equivalent, 3oil solenoid valve 1/4", air and gas pressure switch, UV cell
ID 4400	3~15kW 3~1.5kW	9484F1057	TMG 740	Fast opening gas solenoid valve 2 1/2", slow opening gas solenoid valve 2 1/2", 2 gas solenoid valve 1/2" (Pilot), Suntec pump model TA2A or equivalent, oil solenoid valve NO 1/4", oil Solenoid Valve NC 1/4", Air and Gas Pressure Switch, UV Cell
ID 5800	3~22kW 3~1.5kW	9484F1057	TMG 740	Fast opening gas solenoid valve 3", slow opening gas solenoid valve 3", 2 gas solenoid valve 1/2" (Pilot), Suntec pump model TA3A or equivalent, oil solenoid valve NO 1/4", oil solenoid valve NC 1/4", air and gas pressure switch, UV cell

# DUAL FUEL BURNERS



## GAS & OIL

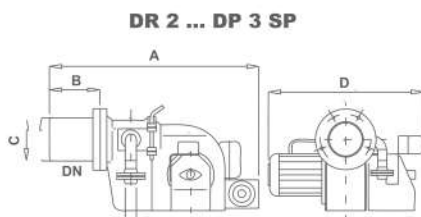


Table of heat capacity and dimensions (in millimeter)

Model	Heat Capacity	Function	Control Panel	A	B	C	D	DN
DR 2	56,000 – 86,000	Two Stage	-	517	97	88	424	½"
DJ 2	86,000 – 190,000	Two Stage	-	652	178	110	535	1"
DP 0	110,000 – 325,000	Two Stage	-	660	170	153	585	1"
DP 0 SP	110,000 – 395,000	Two Stage	Attached	660	170	153	585	1 ½"
DP 1 SP	197,000 – 550,000	Two Stage	detached	810	200	165	675	2"
DP 1 B SP	230,000 – 850,000	Two Stage	Detached	810	200	165	675	2"
DP 1 C SP	230,000 - 850,000	Two Stage	-	810	200	165	675	1 ½"
DP 2 A	370,000 – 1,200,000	Two Stage	Detached	1030	220	194	780	2"
DP 2	450,000 – 1,500,000	Two Stage	Detached	1030	220	194	810	2"
DP 2 SP	580,000 – 1,800,000	Two Stage	Detached	1100	220	219	810	2 ½"
DP 3	800,000 - 3,000,000	Two Stage	Detached	1555	500	310	1000	DN 100
DP 3 SP	900,000 - 4,000,000	Two Stage	Detached	1555	500	341	1105	DN 100

Control panel contains: fuse switches, contactor, bimetal, control unit, signal indicators and related equipment.

Model	Fan Motor	Servo motor	Control Unit	Burner Components
DR 2	1~90 w	-	G 811	Slow opening gas solenoid valve ½", oil Solenoid valve ⅛", air and gas pressure switch, Suntec pump model 47C or equivalent, UV cell
DJ 2	1~240 w	-	G 811	Slow opening gas solenoid valve 1", oil solenoid valve ⅛", air and gas pressure switch, Suntec pump model 47C or equivalent, UV cell
DP 0	1~550 w 1~90 w	-	G 811	Slow opening gas solenoid valve ½", oil solenoid valve ⅛", air and gas pressure switch, Suntec pump model 57C or equivalent, UV cell
DP 0 SP	1~550 w 1~90 w	LKS 160	G 811	Slow opening gas solenoid valve 1½", 2 oil solenoid valve ⅛", air and gas pressure switch, Suntec pump model 57C or equivalent, UV cell
DP 1 SP	3~1.5 kw 1~90 w	LKS 160	TMG 740	2 Stage slow opening gas solenoid valve 1½", 2 oil solenoid valve ⅛", air and gas pressure switch, Suntec pump model 67C or equivalent, UV cell
DP 1 B SP	3~1.5 kw 1~240 w	LKS 160	TMG 740	Fast opening gas solenoid valve 2", slow opening gas solenoid valve 2", 2 oil solenoid valve ⅛", oil solenoid valve ¼", air and gas pressure switch, Suntec pump model 77C or equivalent, UV cell
DP 1 C SP	3~1.1kw 1~240 w	LKS 160	DLG 976	Fast opening gas solenoid valve 1½", slow opening gas solenoid valve 1", 2 oil solenoid valve ⅛", oil solenoid valve ¼", air and gas pressure switch, Suntec pump model 77C or equivalent, UV cell
DP 2 A	3~2.2 kw 3~1.1 kw	LKS 310	TMG 740	Fast opening gas solenoid valve 2", slow opening gas solenoid valve 2", 2 oil solenoid valve ⅛", oil solenoid valve ¼", air and gas pressure switch, Suntec pump model AJ6 or equivalent, UV cell
DP 2	3~3 kw 3~1.1 kw	LKS 310	TMG 740	Fast opening gas solenoid valve 2", slow opening gas solenoid valve 2", 2 oil solenoid valve ⅛", oil solenoid valve ¼", air and gas pressure switch, Suntec pump model AJ6 or equivalent, UV cell
DP 2 SP	3~4 kw 3~1.1 kw	LKS 310	TMG 740	Fast opening gas solenoid valve 2½", slow opening gas solenoid valve 2½", 2 oil solenoid valve ⅛", oil solenoid valve ¼", air and gas pressure switch, Suntec pump model E7 or equivalent, UV cell
DP 3	3~7.5 kw 3~1.1 kw	LKS 310	TMG 740	Fast opening gas solenoid valve 3", slow opening gas solenoid valve 3", 2 gas solenoid valve 1"(Pilot), 3 oil solenoid valve ¼", air and gas pressure switch, Suntec pump model E7 or equivalent, UV cell
DP 3 SP	3~11 kw 3~1.5 kw	LKS 310	TMG 740	Fast opening gas solenoid valve 4", slow opening gas solenoid valve 4", 2 gas solenoid valve 1"(Pilot), 3 oil solenoid valve ¼", air and gas pressure switch, Suntec pump model TA2A or equivalent, UV cell

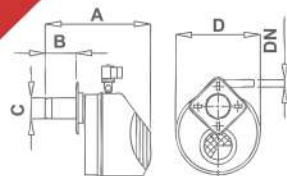
Burners capacity is calculated based on heating value of  $H_u=8177 \text{ kCal/m}^3$  for natural gas and  $H_u=10,000 \text{ kCal/kg}$  for light oil.  
All specifications are subject to change without prior notice



# GAS BURNERS



F 55 & F88



RAN ... PGN 3 SP

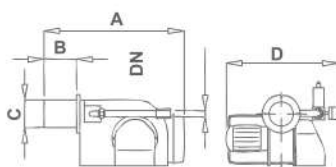


Table of heat capacity and dimensions (in millimeter)

Model	Heat Capacity	Function	Control Panel	A	B	C	D	DN	Long Flame Tube Dimensions (CXB)
F 55	17,000 – 43,000	One Stage	-	350	95	80	264	½"	-
F 88	25,000 – 88,000	One Stage	-	360	95	88	264	½"	-
RAN 25	37,000 – 102,000	One Stage	-	417	97	88	453	½"	Ø 92 × 300
JGN 80/0	42,000 – 155,000	One Stage	-	552	140	110	460	1"	-
JGN 80/1	52,000 – 172,000	One Stage	-	552	140	110	460	1"	-
JGN 80/2	52,000 – 225,000	One Stage	-	552	140	120	460	1"	Ø122 × 370
PGN 0	110,000 – 325,000	One Stage	-	700	170	153	585	1"	Ø165 × 380
PGN 0 A	130,000 – 390,000	One Stage	-	700	170	153	625	1 ½"	Ø165 × 380
PGN 0 SP	130,000 – 390,000	Two Stage	-	700	170	153	625	1 ½"	Ø165 × 380
PGN 1 A	212,000 – 500,000	One Stage	-	810	200	165	710	1 ½"	Ø165 × 380
PGN 1 B	212,000 – 600,000	Two Stage	-	810	200	165	710	1 ½"	Ø165 × 380
PGN 1 C	212,000 – 800,000	Two Stage	-	810	200	165	780	1 ½"	Ø165 × 380
PGN 1	212,000 – 800,000	Two Stage	detached	810	200	165	675	2"	Ø165 × 380
PGN 1 SP	297,000 – 1,070,000	Two Stage	detached	810	200	165	675	2"	Ø165 × 380
PGN 2 A	424,000 – 1,500,000	Two Stage	detached	960	220	194	780	2"	-
PGN 2	424,000 – 1,800,000	Two Stage	detached	960	220	194	810	2"	-
PGN 2 SP	500,000 – 2,260,000	Two Stage	detached	960	220	219	810	2 ½"	-
PGN 3	770,000 – 3,400,000	Two Stage	detached	1450	500	310	1000	DN 100	-
PGN 3 SP	950,000 – 4,000,000	Two Stage	detached	1450	500	341	1105	DN 100	-

Control panel contains: fuse switches, contactor, bimetal, control unit, signal indicators and related equipment.

Model	Fan Motor	Servo motor	Control Unit	Burner Components
F 55	1~ 50 W	-	G 790	Gas solenoid valve 1/2", air flow switch, gas pressure switch
F 88	1~ 90 W	-	G 790	Slow opening gas solenoid valve ½", air flow switch, gas pressure switch
RAN 25	1~ 90 W	-	G 790	Slow opening gas solenoid valve ½", air and gas pressure switch
JGN 80/0	1~ 240 W	-	G 790	Slow opening gas solenoid valve 1", air and gas pressure switch
JGN 80/1	1~ 240 W	-	G 790	Slow opening gas solenoid valve 1", air and gas pressure switch
JGN 80/2	1~ 240 W	-	G 790	Slow opening gas solenoid valve 1", air and gas pressure switch
PGN 0	1~ 370 W	-	G 790	Slow opening gas solenoid valve 1", air and gas pressure switch
PGN 0 A	1~ 370 W	-	G 790	Slow opening gas solenoid valve 1½", air and gas pressure switch
PGN 0 SP	1~ 550 W	LKS 160	G 790	Slow opening gas solenoid valve 1½", air and gas pressure switch
PGN 1 A	3~ 1.1 kW	-	G 790	Slow opening gas solenoid valve 1½", air and gas pressure switch
PGN 1 B	3~ 1.1 kW	LKS 160	G 790	2 Stage slow opening gas solenoid valve 1½", air and gas pressure switch
PGN 1 C	3~ 1.1 kW	LKS 160	DLG976	Fast opening gas solenoid valve 1½", slow opening gas solenoid valve 1", air and gas pressure switch
PGN 1	3~ 1.5 kW	LKS 160	TMG740	Fast opening gas solenoid valve 1½", 2 stage slow opening gas solenoid valve 1½", air and gas pressure switch
PGN 1 SP	3~ 1.5 kW	LKS160	TMG740	Fast opening gas solenoid valve 2", 2 stage slow opening gas solenoid valve 2", air and gas pressure switch
PGN 2 A	3~ 2.2 kW	LKS 310	TMG740	Fast opening gas solenoid valve 2", slow opening gas solenoid valve 2", air and gas pressure switch
PGN 2	3~ 3 kW	LKS 310	TMG 740	Fast opening gas solenoid valve 2", slow opening gas solenoid valve 2", air and gas pressure switch
PGN 2 SP	3~ 4 kW	LKS 310	TMG 740	Fast opening gas solenoid valve 2½", slow opening gas solenoid valve 2½", air and gas pressure switch
PGN 3	3~ 7.5 kW	LKS 310	TMG 740	Fast opening gas solenoid valve 3", slow opening gas solenoid valve 3", 2 gas solenoid valve 1" (Pilot), air and gas pressure switch, UV cell
PGN 3 SP	3~ 11 kW	LKS 310	TMG 740	Fast opening gas solenoid valve 4", slow opening gas solenoid valve 4", 2 gas solenoid valve 1" (Pilot), air and gas pressure switch, UV cell

Burners capacity is calculated based on heating value of  $H_u=8,177 \text{ kCal/m}^3$  for natural gas.  
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# OIL BURNERS



RA2 ... PDE 3 SP

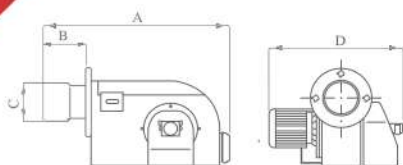


Table of heat capacity and dimensions (in millimeter)

Model	Heat Capacity	Function	Control Panel	A	B	C	D	Long Flame Tube Dimensions (CXB)
RA 2	40,000-93,000	One Stage	-	400	75	80	292	Ø 92 X 300
JPE 80/1	70,000-160,000	One Stage	-	600	178	110	385	-
JPE 80/2	112,000-232,000	One Stage	-	600	178	115	585	Ø 122 X 370
PDE 0	140,000-300,000	One Stage	-	700	170	153	455	Ø 165 X 380
PDE 0 H	200,000-400,000	One Stage	-	700	170	153	455	Ø 165 X 380
PDE 0 SP	200,000-400,000	Two Stage	-	700	170	153	455	Ø 165 X 380
PDE 1 H	250,000-500,000	One Stage	-	810	200	165	652	Ø 165 X 380
PDE 1 SP	250,000-500,000	Two Stage	-	810	200	165	652	Ø 165 X 380
PDE 1 A SP	400,000-700,000	Two Stage	Attached	810	200	165	652	Ø 165 X 380
PDE 1 B SP	700,000-840,000	Two Stage	Attached	810	200	165	652	Ø 165 X 380
PDE 2	900,000-1,500,000	Two Stage	Detached	960	220	194	810	-
PDE 2 SP	1,200,000-2,000,000	Two Stage	Detached	960	220	219	810	-
PDE 3	800,000-3,000,000	Two Stage	Detached	1555	500	310	1000	-
PDE 3 SP	1,000,000-4,000,000	Two Stage	Detached	1555	500	341	1105	-

Control panel contains: fuse switches, contactor, bimetal, control unit, signal indicators and related equipment.

Model	Fan Motor	Servo motor	Control Unit	Burner Components
RA 2	1~90 B	-	TF 701	Suntec pump model 47C or equivalent, solenoid valve 1/8", photocell
JPE 80/1	1~240 B	-	TF 701	Suntec pump model 47C or equivalent, solenoid valve 1/8", photocell
JPE 80/2	1~240 B	-	TF 701	Suntec pump model 47C or equivalent, solenoid valve 1/8", photocell
PDE 0	1~550 B	-	TF 701	Suntec pump model 57C or equivalent, solenoid valve 1/8", photocell
PDE 0 H	1~550 B	Hydraulic Damper	TF 701	Suntec pump model 57C or equivalent, 4 solenoid valve 1/8", photocell
PDE 0 SP	1~550 B	LKS 160	TF 701	Suntec pump model 57C or equivalent, 2 solenoid valve 1/8", photocell
PDE 1 H	3~1.1 κB	Hydraulic Damper	TF 701	Suntec pump model 67C or equivalent, 4 solenoid valve 1/8", photocell
PDE 1 SP	3~1.1 κB	LKS 160	TF 701	Suntec pump model 67C or equivalent, 2 solenoid valve 1/8", photocell
PDE 1 A SP	3~1.5 κB	LKS 160	TF 701	Suntec pump model 67C or equivalent, 2 solenoid valve 1/8", photocell
PDE 1 B SP	3~1.5 κB	LKS 160	TF 701	Suntec pump model 77C or equivalent, solenoid valve 1/4", 2 solenoid valve 1/8", photocell
PDE 2	3~3 κB	LKS 310	TMO 720	Suntec pump model AJ6 or equivalent, solenoid valve 1/4", 2 solenoid valve 1/8", photocell
PDE 2 SP	3~4 κB	LKS 310	TMO 720	Suntec pump model E7 or equivalent, solenoid valve 1/4", 2 solenoid valve 1/8", photocell
PDE 3	3~7.5 κB & 3~1.1 κB	LKS 310	TMO 720	Suntec pump model E7 or equivalent, 3 solenoid valve 1/4", photocell
PDE 3 SP	3~11 κB & 3~1.5 κB	LKS 310	TMO 720	Suntec Pump model TA2A or equivalent, 3 solenoid valve 1/4", photocell

Burners capacity is calculated based on heating value of  $H_u=10,000$  kCal/kg for light oil.  
All specifications are subject to change without prior notice





## ALL THERM (GIBRALTAR) LTD

### HEADQUARTERS :

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