

BURNERS



ALL THERM

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

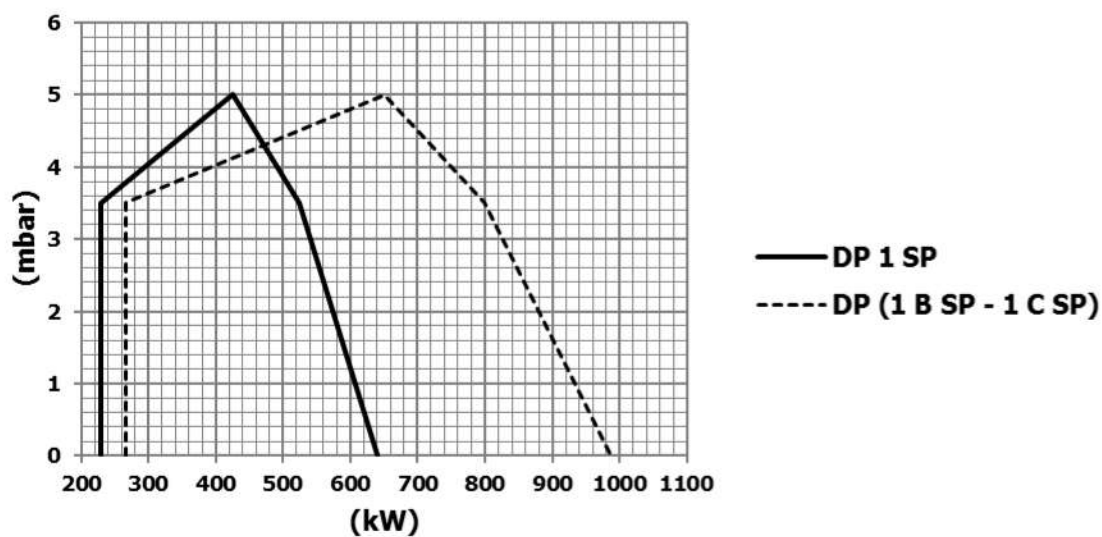
2 YEAR GUARANTY



DP 1 SP
DP 1 B SP
DP 1 C SP



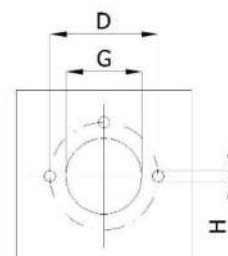
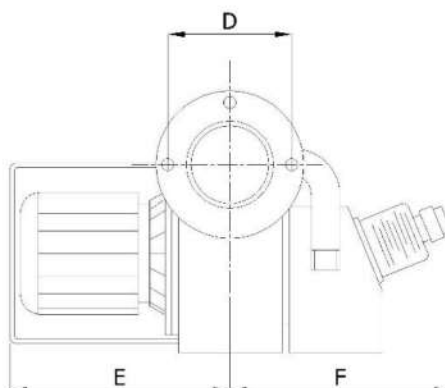
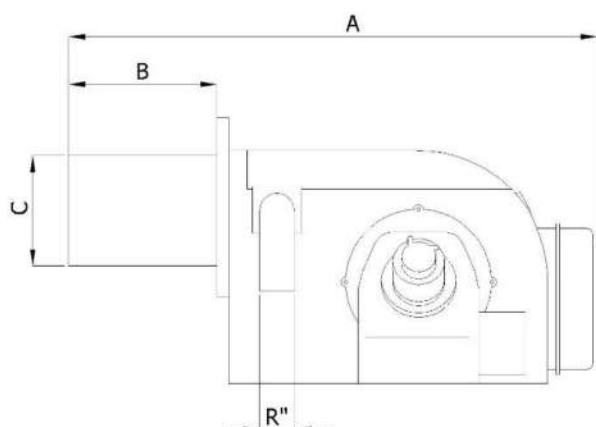
Burner Performance Chart



	Function	Fuel	Gas Pressure mbar	Gas Consumption m³n/h	Oil Consumption kg/h	Heating Capacity kW
DP 1 SP	Two Stage	Natural Gas/Light Oil	15-60	24-67	19.7-55	230-640
DP 1 B SP	Two Stage	Natural Gas/Light Oil	22-60	28-104	23-85	267-988
DP 1 C SP	Two Stage	Natural Gas/Light Oil	22-60	28-104	23-85	267-988



Burner Dimensions



	A	B	C	D	E	F	G	H	R''
DP 1 SP	810	200	165	206	340	335	170	M12	2
DP 1 B SP	810	200	165	206	340	355	170	M12	2
DP 1 C SP	810	200	165	206	340	355	170	M12	1 ½

Burner Equipment	DP 1 SP	DP 1 B SP	DP 1 C SP
Fan Motor	3 ~ 1.5 kW	3 ~ 1.5 kW	3 ~ 1.1 kW
Oil Pump Motor	1 ~ 90 W	1 ~ 240 W	1 ~ 240 W
Servomotor	Conectron LKS 160	Conectron LKS 160	Conectron LKS 160
Control Unit	Satronic TMG 740	Satronic TMG 740	Satronic DLG 976
Oil Pump	Suntec AN67C	Suntec AN77C	Suntec AN77C
Ignition Transformer (Gas Fuel)	Brahma TB2S Electronic / 2×12 kV / 35 mA	Brahma TB2S Electronic / 2×12 kV / 35 mA	Brahma TB2S Electronic / 2×12 kV / 35 mA
Ignition Transformer (Oil Fuel)	Brahma TB2S Electronic / 2×12 kV / 35 mA	Brahma TB2S Electronic / 2×12 kV / 35 mA	Brahma TB2S Electronic / 2×12 kV / 35 mA
Gas Solenoid Valve (Fast Opening)	-	Dungs 2"	Krom Schroder 1 ½"
Gas Solenoid Valve (Slow Opening)	Dungs 1 ½" 2 stage	Dungs 2" 2 stage	Krom Schroder 1"
Oil Solenoid Valve	Rapa 1/8" (x2)	Rapa 1/8" (x2) & 1/4"	Rapa 1/8" (x2) & 1/4"
Gas Pressure Control	Gas pressure switch Dungs or Krom Schroder	Gas pressure switch Dungs or Krom schroder	Gas pressure switch Dungs or Krom Schroder
Air Pressure Control	Air pressure switch Dungs or Krom schroder	Air pressure switch Dungs or Krom schroder	Air pressure switch Dungs or Krom schroder
Flame Detector	Landis QRA2	Landis QRA2	Landis QRA2
Burner Control Panel	✓ (separated)	✓ (separated)	-



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