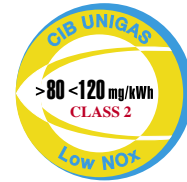
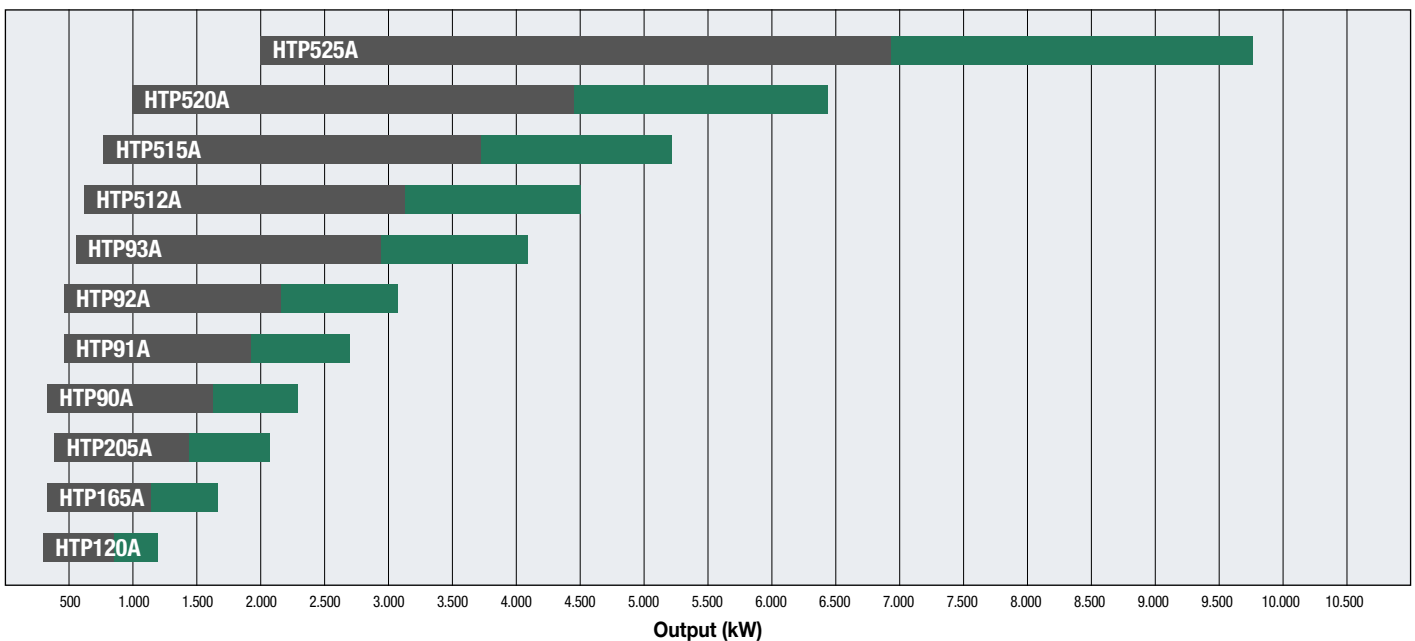
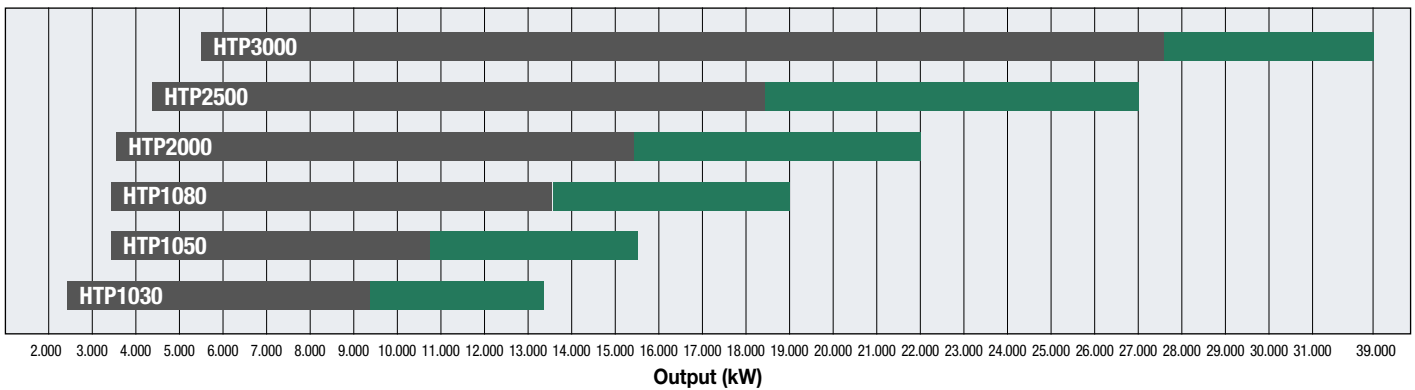
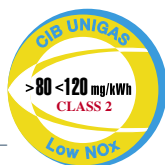


# HTP TYPE HTP120A ... HTP3000



GAS/LIGHT OIL





GAS/LIGHT OIL

# HTP120A ... HTP3000 HTP TYPE

Type	Min. modulation output kW	Min. application output kW	Max output kW
HTP120A	300	840	1.200
HTP165A	320	1.154	1.650
HTP205A	340	1.433	2.050
HTP90A	320	1.610	2.300
HTP91A	480	1.869	2.670
HTP92A	480	2.135	3.050
HTP93A	550	2.870	4.100
HTP512A	600	3.150	4.500
HTP515A	770	3.640	5.200
HTP520A	1.000	4.480	6.400
HTP525A	2.000	6.825	9.750
HTP1030	2.500	9.310	13.300
HTP1050	3.500	10.850	15.500
HTP1080	3.500	13.300	19.000
HTP2000	3.600	15.400	22.000
HTP2500	4.500	18.400	27.000
HTP3000	5.500	27.300	39.000

## TECHNICAL DETAILS

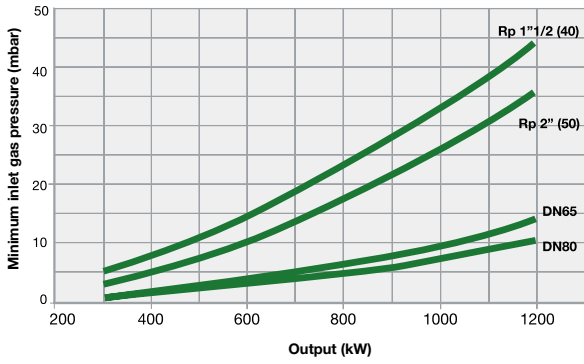
Type	Model	Power kW		Pump motor	Auxiliary electrical power supply	Motor electrical power supply	Gas connections
		min.	max.	KW			Rp
HTP120A	MG.xx.S.xx.x.x.xxx.xx	300	1.200	0,55	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	1"¼ - 1"½ - 2" - DN65 - DN80
HTP165A	MG.xx.S.xx.x.x.xxx.xx	320	1.650	0,55	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	1"¼ - 1"½ - 2" - DN65 - DN80
HTP205A	MG.xx.S.xx.x.x.xxx.xx	340	2.050	0,55	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	1"¼ - 1"½ - 2" - DN65 - DN80
HTP90A	MG.xx.S.xx.x.x.xxx.xx	320	2.300	0,55	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	2" - DN65 - DN80 - DN100
HTP91A	MG.xx.S.xx.x.x.xxx.xx	480	2.670	1,1	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	2" - DN65 - DN80 - DN100
HTP92A	MG.xx.S.xx.x.x.xxx.xx	480	3.050	1,1	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	2" - DN65 - DN80 - DN100
HTP93A	MG.xx.S.xx.x.x.xxx.xx	550	4.100	1,1	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	2" - DN65 - DN80 - DN100
HTP512A	MG.xx.S.xx.x.x.xxx.xx	600	4.500	1,1	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	2" - DN65 - DN80 - DN100
HTP515A	MG.xx.S.xx.x.x.xxx.xx	770	5.200	1,5	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	2" - DN65 - DN80 - DN100
HTP520A	MG.xx.S.xx.x.x.xxx.xx	1.000	6.400	1,5	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	2" - DN65 - DN80 - DN100
HTP525A	MG.xx.S.xx.x.x.xxx.xx	2.000	9.750	4,0	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	DN65 - DN80 - DN100
HTP1030	MG.xx.S.xx.x.x.xxx.xx	2.500	13.300	5,5	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	DN80 - DN100 - DN125
HTP1050	MG.xx.S.xx.x.x.xxx.xx	3.500	15.500	5,5	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	DN100 - DN125
HTP1080	MG.xx.S.xx.x.x.xxx.xx	3.500	19.000	5,5	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	DN100 - DN125
HTP2000	MG.xx.S.xx.x.x.xxx.xx	3.600	22.000	5,5	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	DN125 - DN150
HTP2500	MG.xx.S.xx.x.x.xxx.xx	4.500	27.000	5,5/7,5	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	DN125 - DN150
HTP3000	MG.xx.S.xx.x.x.xxx.xx	5.500	39.000	5,5/7,5	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	DN125 - DN150 - DN200

# HTP TYPE HTP120A ... HTP3000

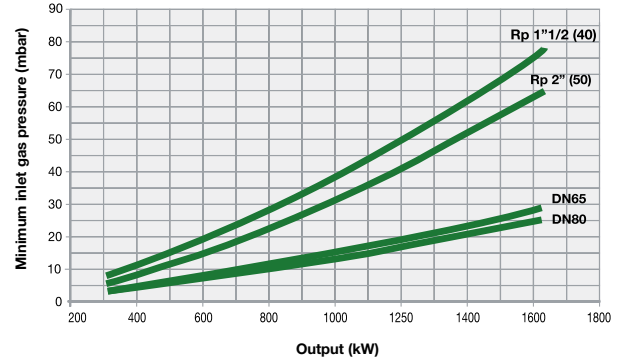


GAS/LIGHT OIL

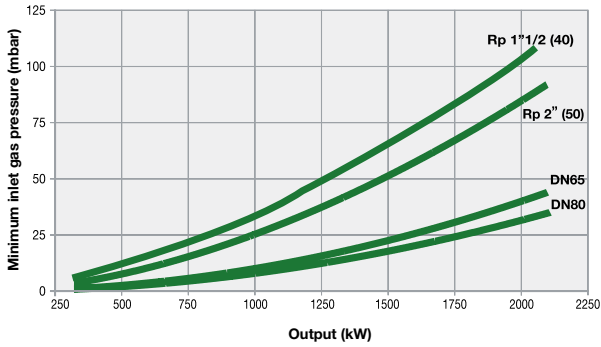
**HTP120A PR-MD**

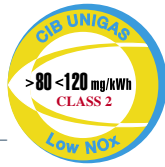


**HTP165A PR-MD**



**HTP205A PR-MD**

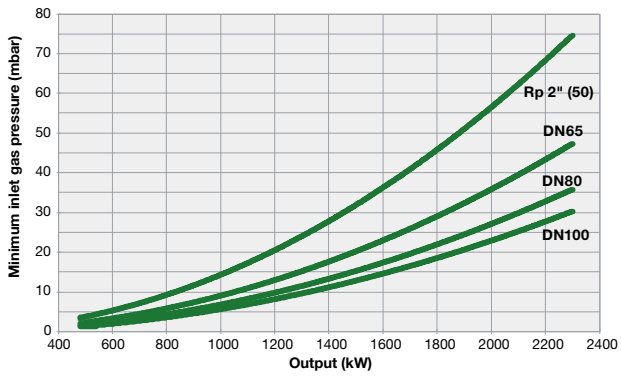




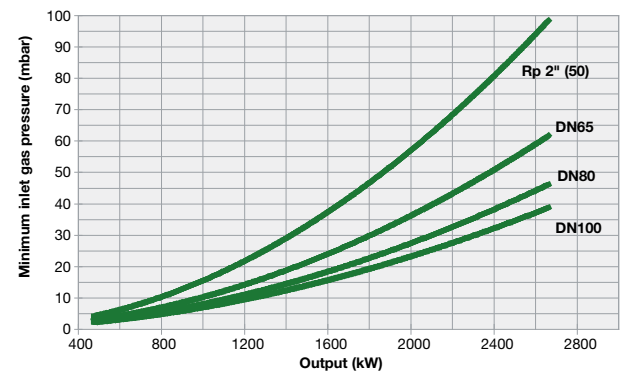
GAS/LIGHT OIL

# HTP120A ... HTP3000 HTP TYPE

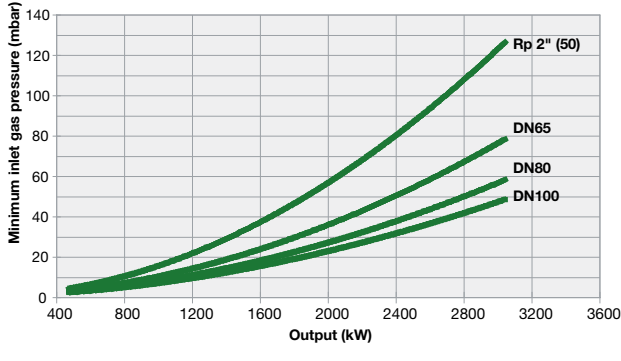
**HTP90A PR-MD**



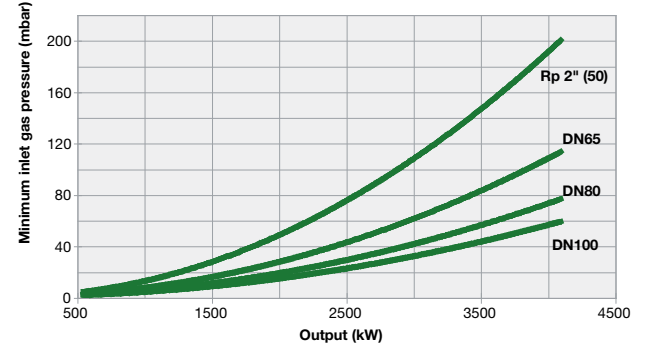
**HTP91A PR-MD**



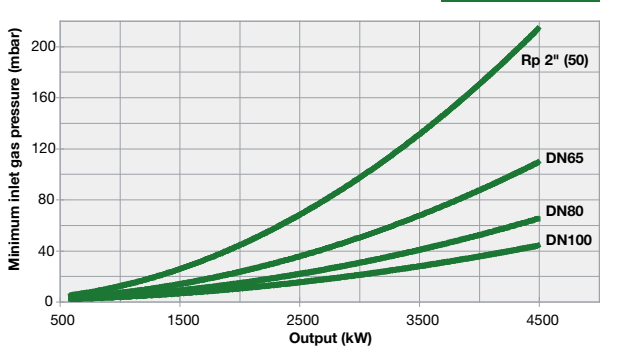
**HTP92A PR-MD**



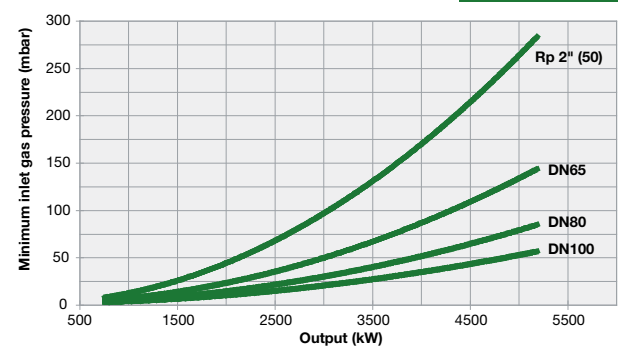
**HTP93A PR-MD**



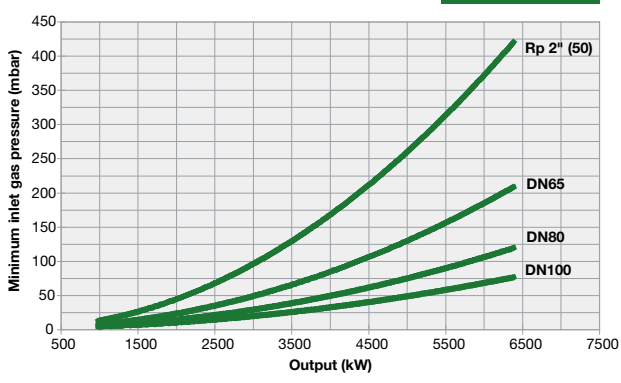
**HTP512A PR-MD**



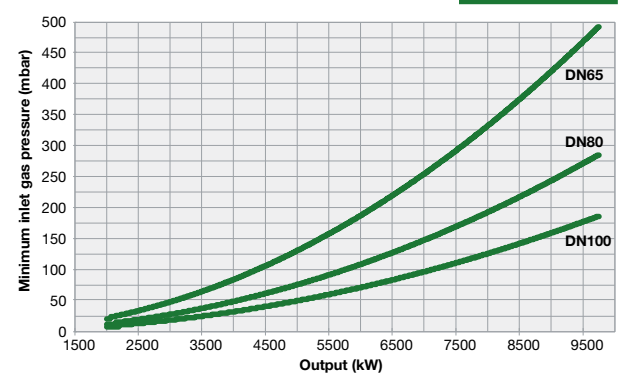
**HTP515A PR-MD**



**HTP520A PR-MD**



**HTP525A PR-MD**

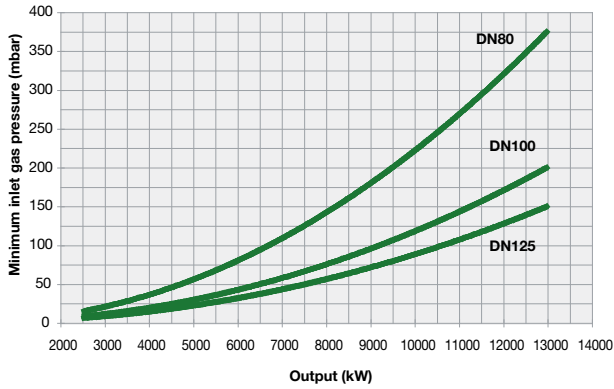


# HTP TYPE HTP120A ... HTP3000

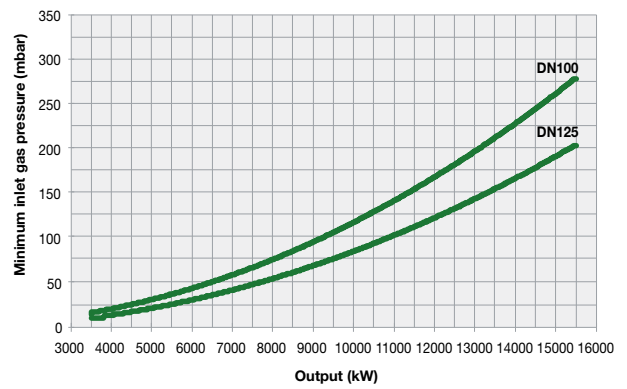


GAS/LIGHT OIL

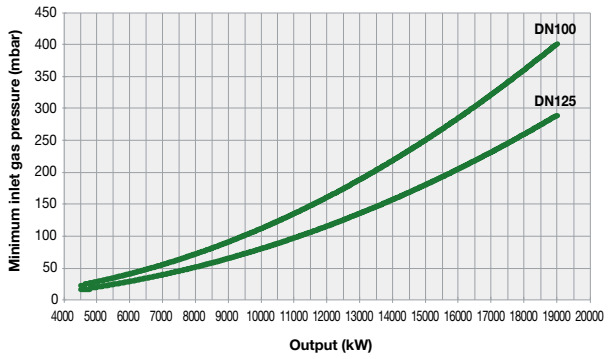
**HTP1030 PR-MD**



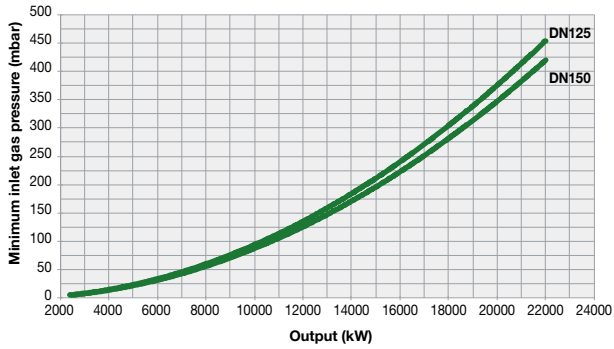
**HTP1050 PR-MD**



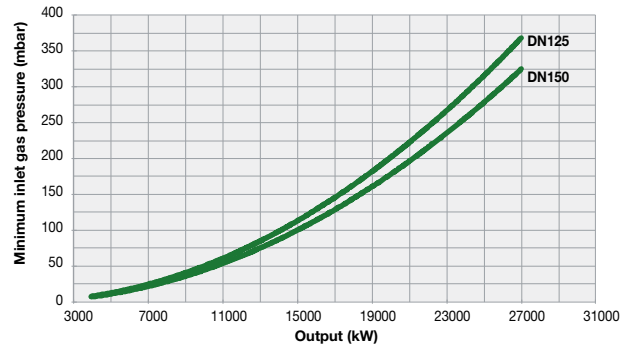
**HTP1080 PR-MD**



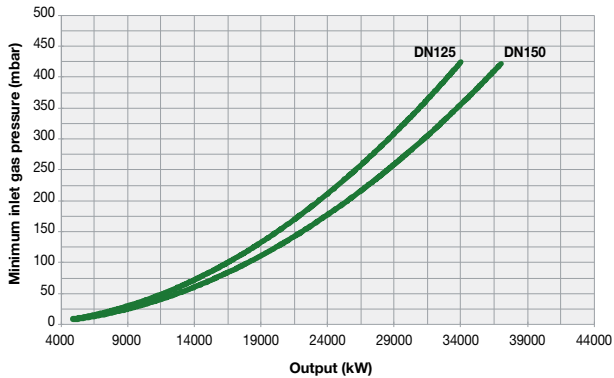
**HTP2000 PR-MD**



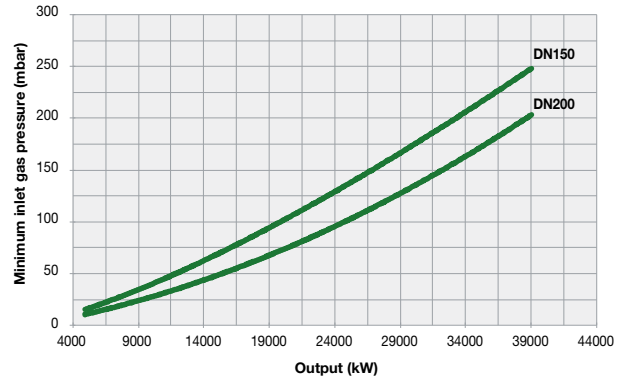
**HTP2500 PR-MD**



**HTP3000 PR-MD**

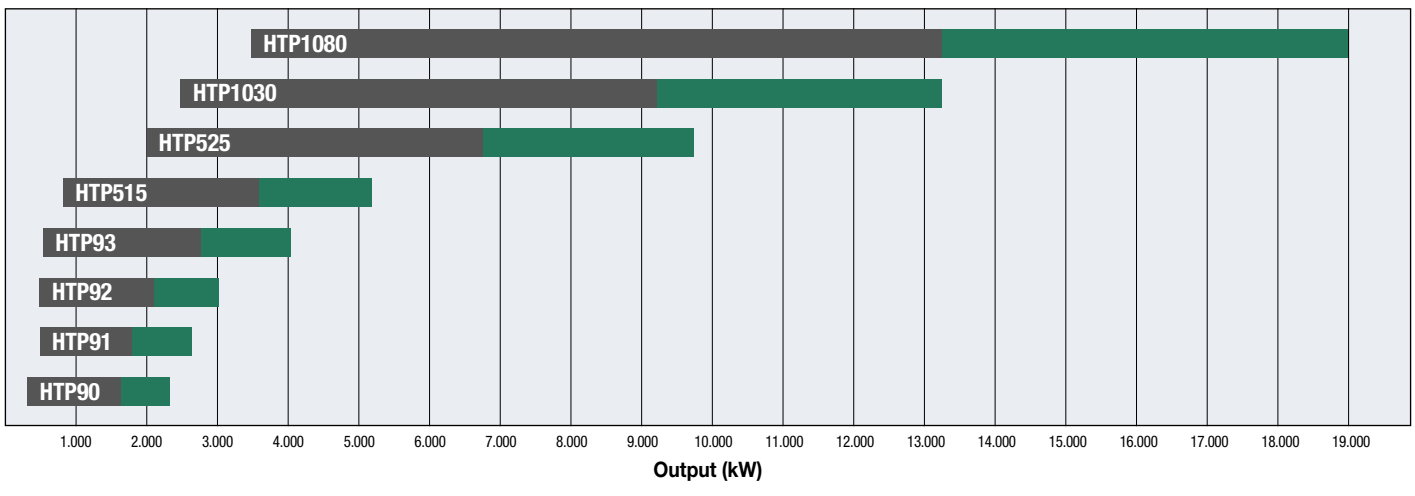


**HTP3000 PR-MD with pneumatic valves**





# HTP90 ... HTP1080 **HTP...VS** TYPE



# HTP...VS TYPE HTP90 ... HTP1080



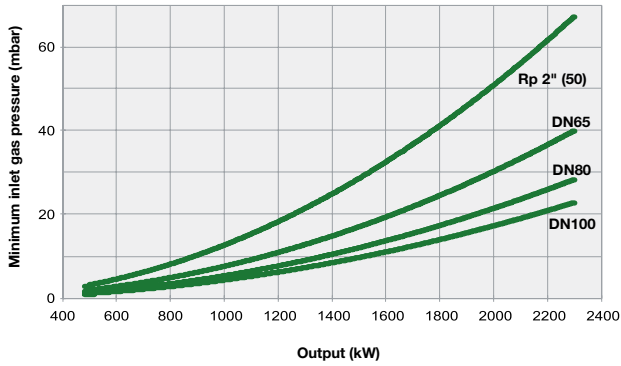
GAS/LIGHT OIL

Type	Min. modulation output kW	Min. application output kW	Max output kW
<b>HTP90</b>	320	1.610	2.300
<b>HTP91</b>	480	1.869	2.670
<b>HTP92</b>	480	2.135	3.050
<b>HTP93</b>	550	2.870	4.100
<b>HTP515</b>	770	3.640	5.200
<b>HTP525</b>	2.000	6.825	9.750
<b>HTP1030</b>	2.500	9.310	13.300
<b>HTP1080</b>	3.500	13.300	19.000

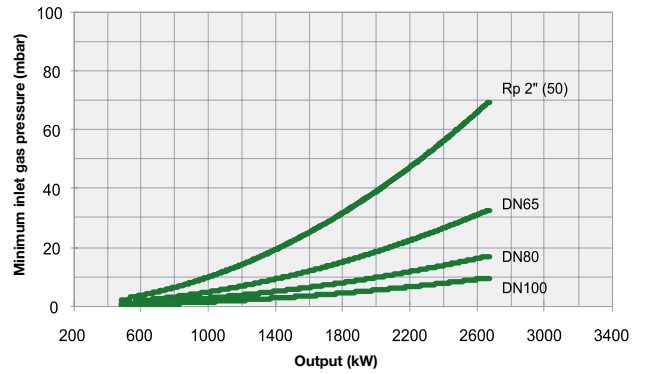
## TECHNICAL DETAILS

Type	Model	Power kW		Auxiliary electrical power supply	Motor electrical power supply	Gas connections
		min.	max.			Rp
<b>HTP90</b>	MG.xx.S.xx.VS.x.xxx.xx	320	2.300	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	2" - DN65 - DN80 - DN100
<b>HTP91</b>	MG.xx.S.xx.VS.x.xxx.xx	480	2.670	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	2" - DN65 - DN80 - DN100
<b>HTP92</b>	MG.xx.S.xx.VS.x.xxx.xx	480	3.050	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	2" - DN65 - DN80 - DN100
<b>HTP93</b>	MG.xx.S.xx.VS.x.xxx.xx	550	4.100	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	2" - DN65 - DN80 - DN100
<b>HTP515</b>	MG.xx.S.xx.VS.x.xxx.xx	770	5.200	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	2" - DN65 - DN80 - DN100
<b>HTP525</b>	MG.xx.S.xx.VS.x.xxx.xx	2.000	9.750	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	DN65 - DN80 - DN100
<b>HTP1030</b>	MG.xx.S.xx.VS.x.xxx.xx	2.500	13.300	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	DN80 - DN100 - DN125
<b>HTP1080</b>	MG.xx.S.xx.VS.x.xxx.xx	3.500	19.000	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	DN100 - DN125

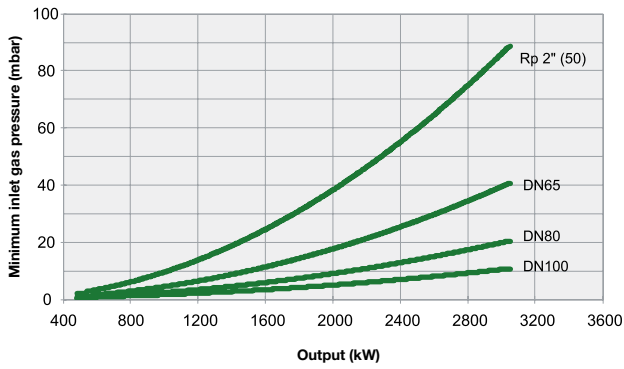
**HTP90 VS PR-MD**



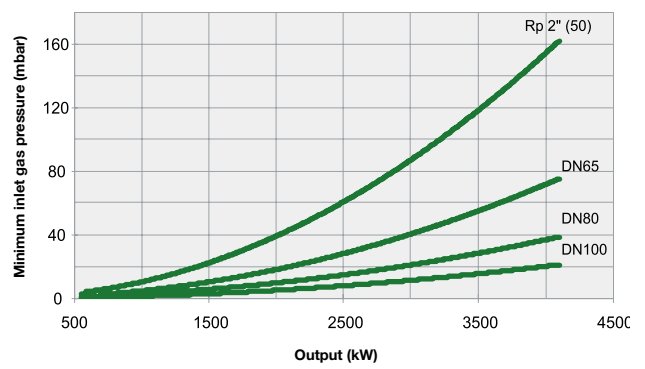
**HTP91 VS PR-MD**



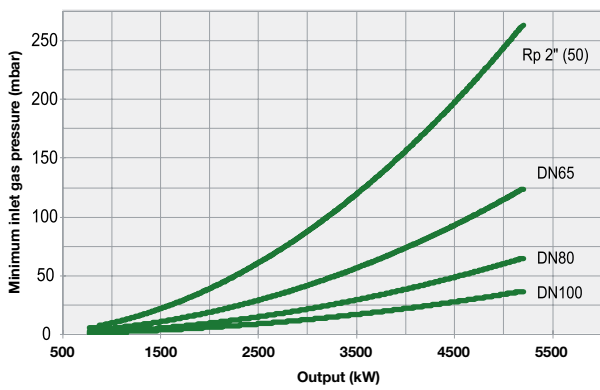
**HTP92 VS PR-MD**



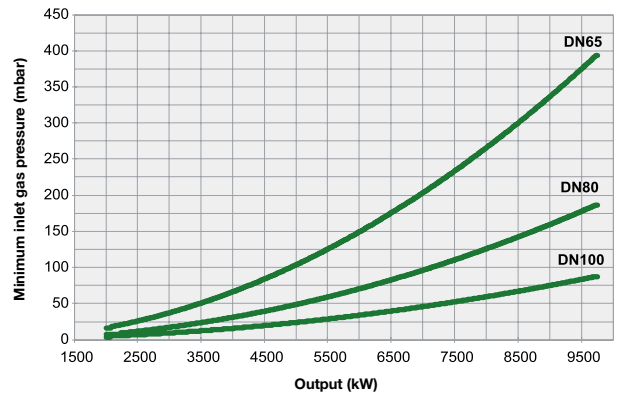
**HTP93 VS PR-MD**



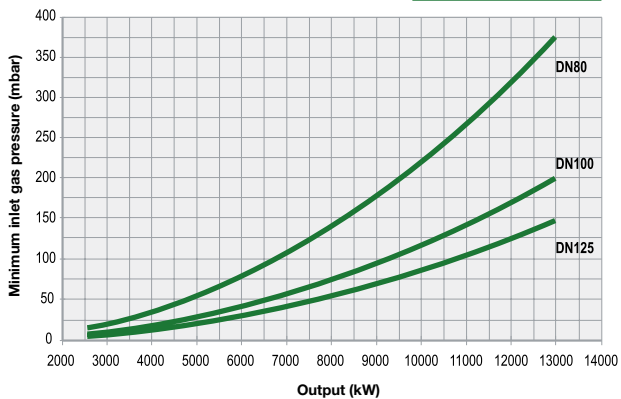
**HTP515 VS PR-MD**



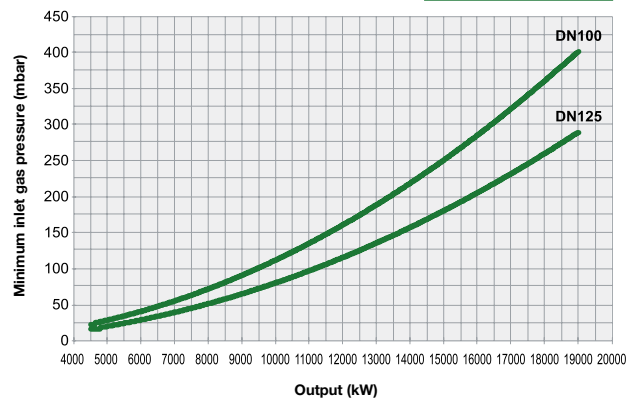
**HTP525 VS PR-MD**



**HTP1030 VS PR-MD**



**HTP1080 VS PR-MD**

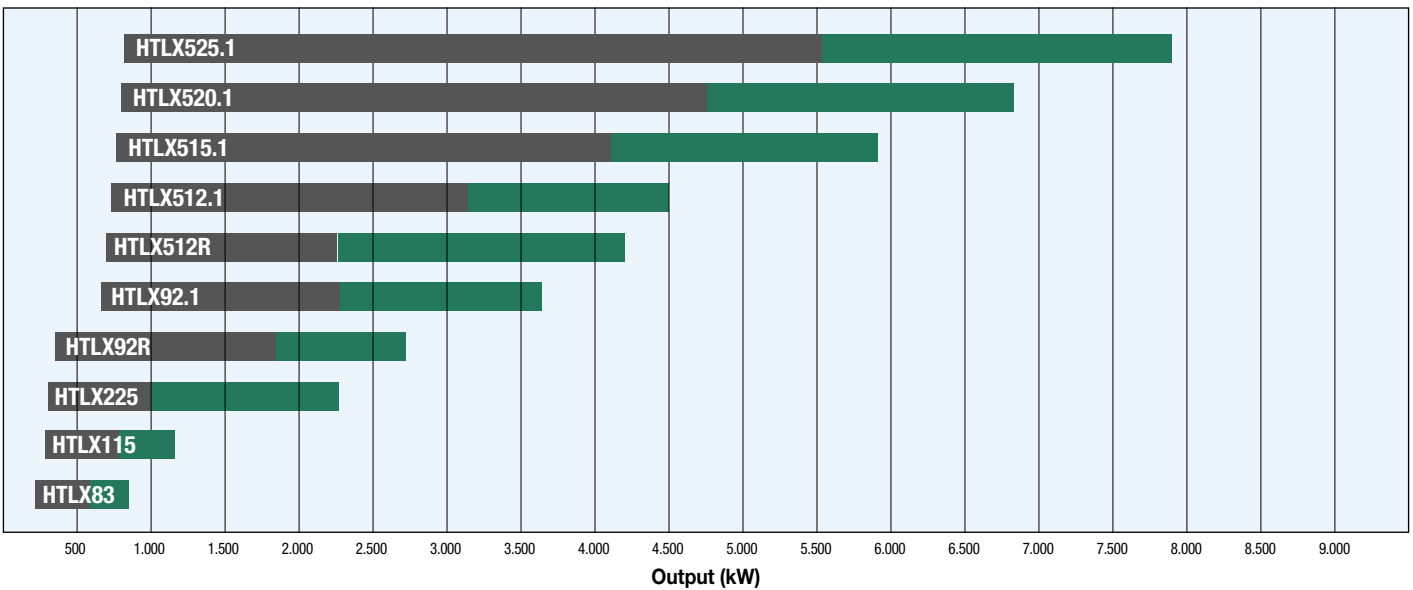
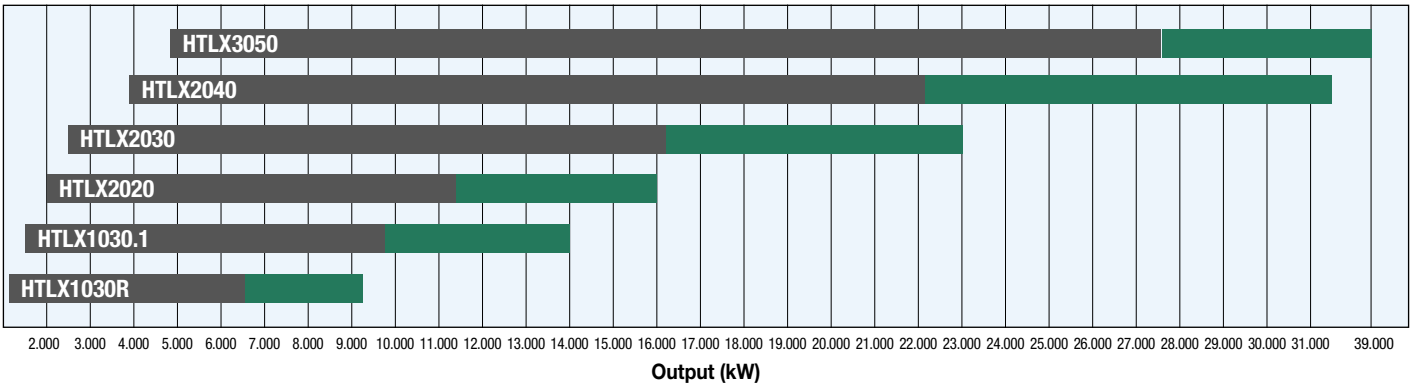
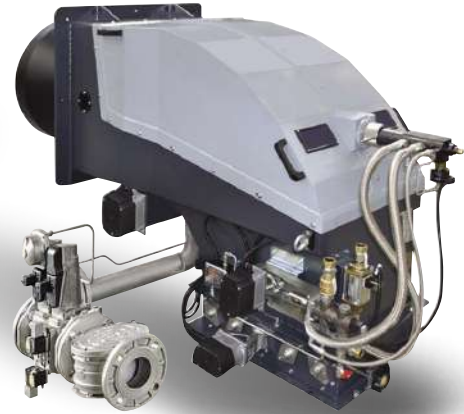


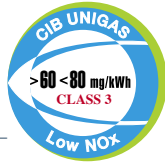


# HTLX TYPE HTLX83 ... HTLX3050



GAS/LIGHT OIL





GAS/LIGHT OIL

# HTLX83 ... HTLX3050 HTLX TYPE

Type	Min. modulation output kW	Min. application output kW	Max output kW
HTLX83	200	580	830
HTLX115	300	805	1.150
HTLX225	230	1.000	2.280
HTLX92R	340	1.890	2.700
HTLX92.1	650	2.317	3.650
HTLX512R	850	2.440	4.200
HTLX512.1	700	3.147	4.500
HTLX515.1	580	4.126	5.900
HTLX520.1	650	4.760	6.800
HTLX525.1	860	5.525	7.900
HTLX1030R	1.090	6.475	9.250
HTLX1030.1	1.550	9.790	14.000
HTLX2020	2.000	11.200	16.000
HTLX2030	2.400	16.083	23.000
HTLX2040	3.900	22.050	31.500
HTLX3050	4.900	27.300	39.000

## TECHNICAL DETAILS

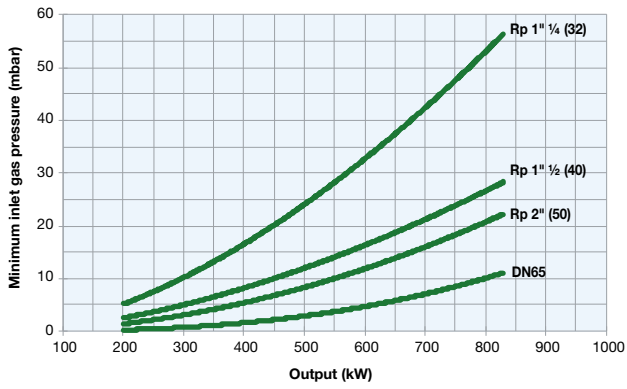
Type	Model	Power kW		Pump motor	Auxiliary electrical power supply	Motor electrical power supply	Gas connections
		min.	max.	KW			Rp
HTLX83	MG.xx.S.xx.x.x.xxx.xx	200	830	0,55	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	1"¼ - 1"½ - 2" - DN65
HTLX115	MG.xx.S.xx.x.x.xxx.xx	300	1.150	0,55	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	1"½ - 2" - DN65 - DN80
HTLX225	MG.xx.S.xx.x.x.xxx.xx	230	2.280	0,55	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	2" - DN65 - DN80 - DN100
HTLX92R	MG.xx.S.xx.x.x.xxx.xx	340	2.700	0,55	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	2" - DN65 - DN80 - DN100
HTLX92.1	MG.xx.S.xx.x.x.xxx.xx	650	3.650	1,1	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	2" - DN65 - DN80 - DN100
HTLX512R	MG.xx.S.xx.x.x.xxx.xx	850	4.200	1,1	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	2" - DN65 - DN80 - DN100
HTLX512.1	MG.xx.S.xx.x.x.xxx.xx	700	4.500	1,1	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	2" - DN65 - DN80 - DN100
HTLX515.1	MG.xx.S.xx.x.x.xxx.xx	580	5.900	1,5	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	2" - DN65 - DN80 - DN100
HTLX520.1	MG.xx.S.xx.x.x.xxx.xx	650	6.800	1,5	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	2" - DN65 - DN80 - DN100
HTLX525.1	MG.xx.S.xx.x.x.xxx.xx	860	7.900	4,0	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	DN65 - DN80 - DN100
HTLX1030R	MG.xx.S.xx.x.x.xxx.xx	1.090	9.250	5,5	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	DN65 - DN80 - DN100
HTLX1030.1	MG.xx.S.xx.x.x.xxx.xx	1.550	14.000	5,5	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	DN80 - DN100 - DN125
HTLX2020	MG.xx.S.xx.x.x.xxx.xx	2.000	16.000	5,5	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	DN80 - DN100 - DN125
HTLX2030	MG.xx.S.xx.x.x.xxx.xx	2.400	23.000	5,5	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	DN100 - DN125
HTLX2040	MG.xx.S.xx.x.x.xxx.xx	3.900	31.500	5,5/7,5	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	DN100 - DN125 - DN150
HTLX3050	MG.xx.S.xx.x.x.xxx.xx	4.900	39.000	5,5/7,5	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	DN125 - DN150 - DN200

# HTLX TYPE HTLX83 ... HTLX3050

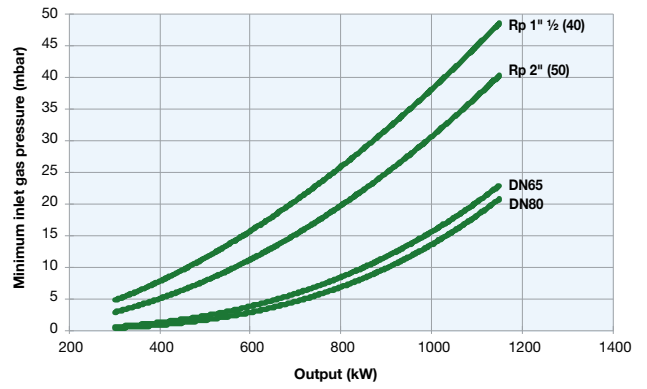


GAS/LIGHT OIL

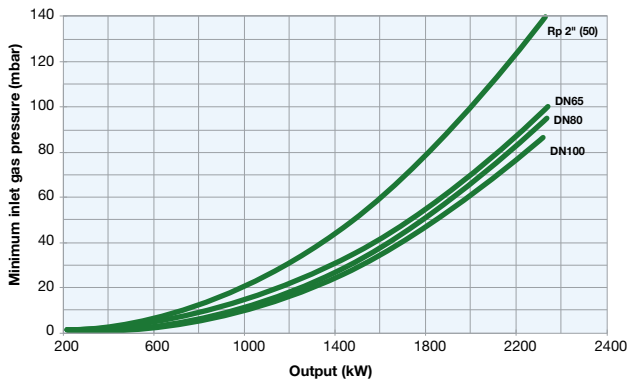
**HTLX83 PR-MD**



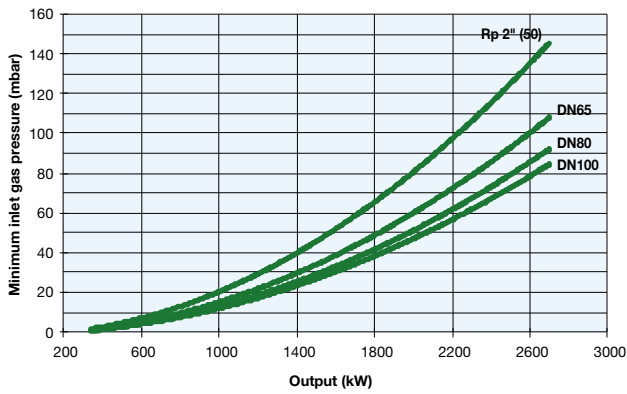
**HTLX115 PR-MD**



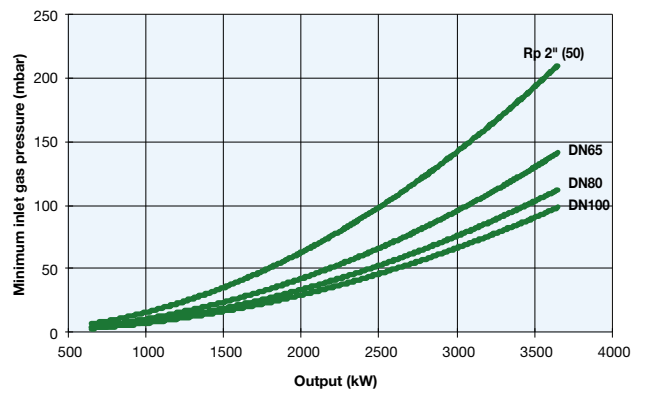
**HTLX225 PR-MD**

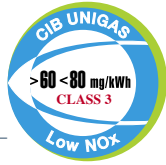


**HTLX92R PR-MD**



**HTLX92.1 PR-MD**

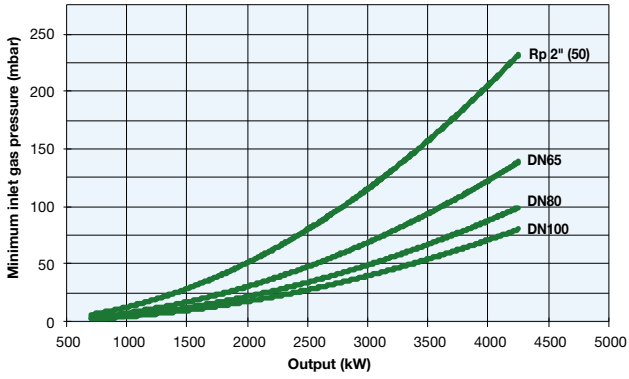




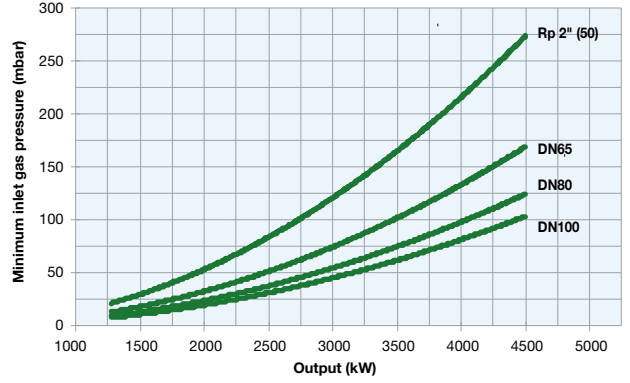
GAS/LIGHT OIL

# HTLX83 ... HTLX3050 HTLX TYPE

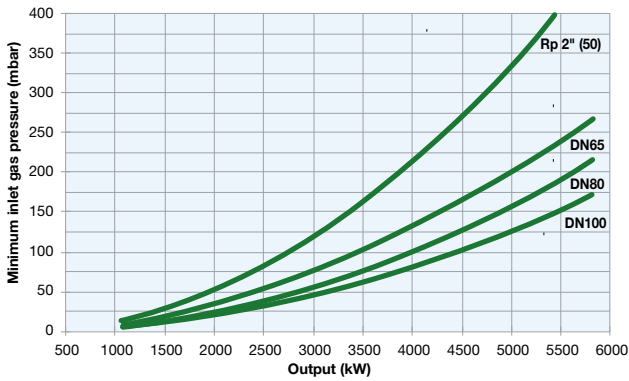
**HTLX512R PR-MD**



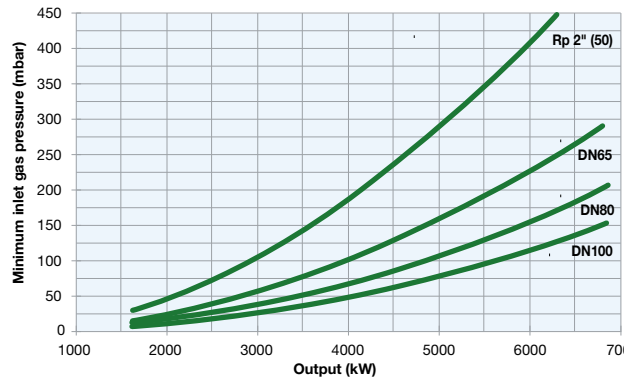
**HTLX512.1 PR-MD**



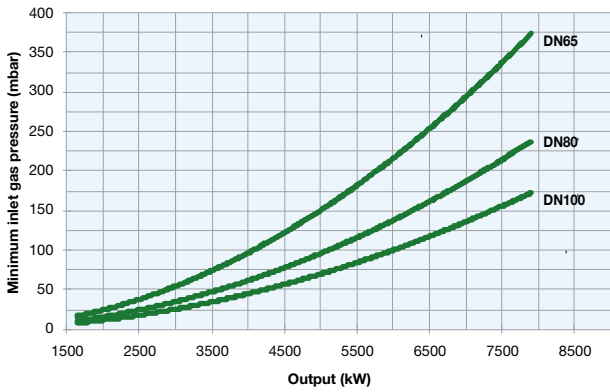
**HTLX515.1 PR-MD**



**HTLX520.1 PR-MD**



**HTLX525.1 PR-MD**

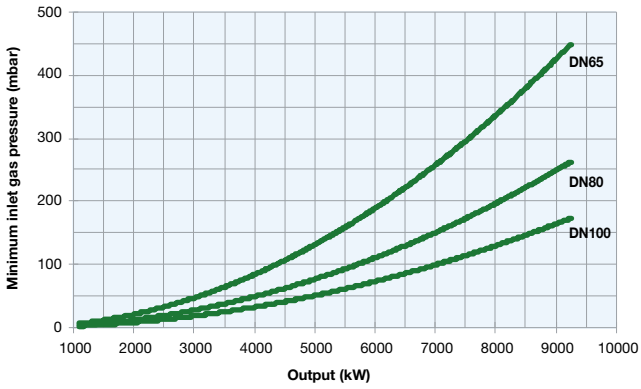


# HTLX TYPE HTLX83 ... HTLX3050

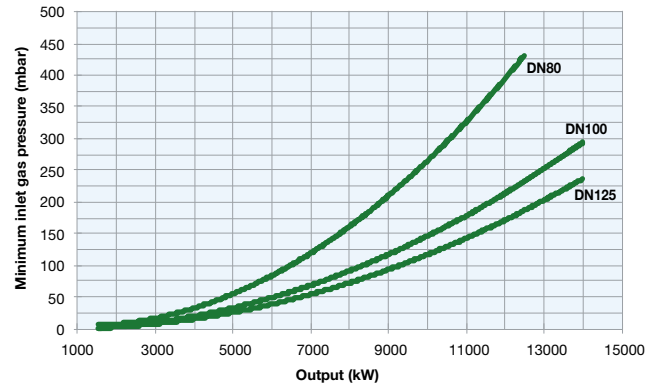


GAS/LIGHT OIL

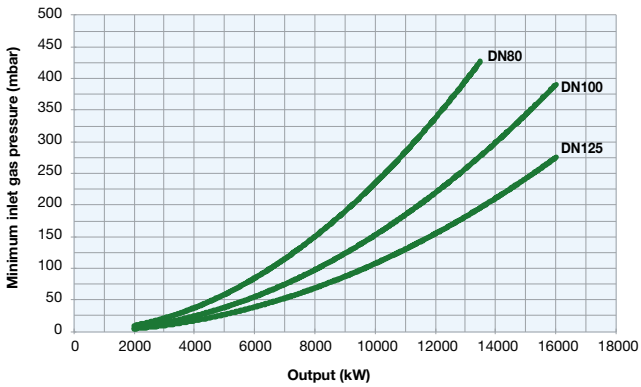
**HTLX1030R PR-MD**



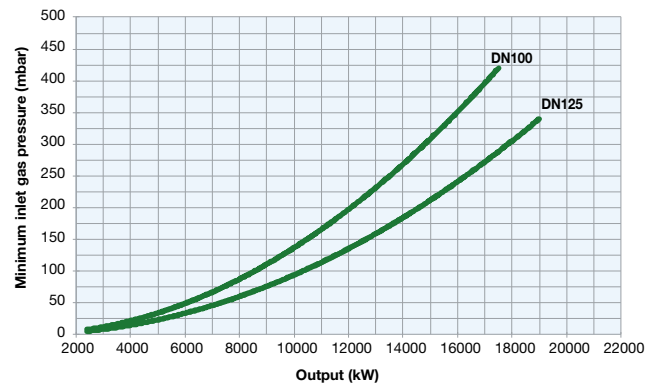
**HTLX1030.1 PR-MD**



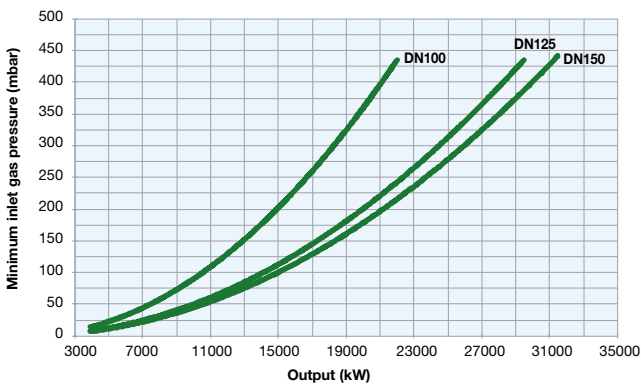
**HTLX2020 PR-MD**



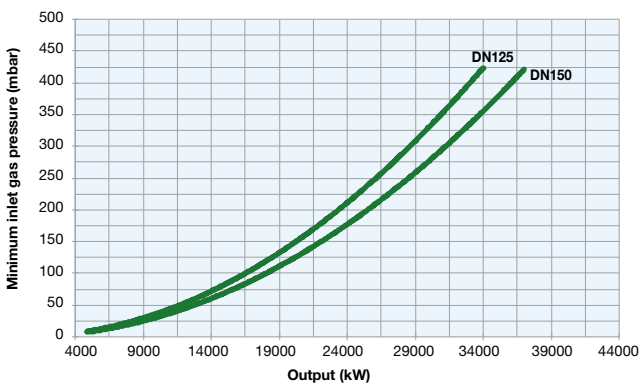
**HTLX2030 PR-MD**



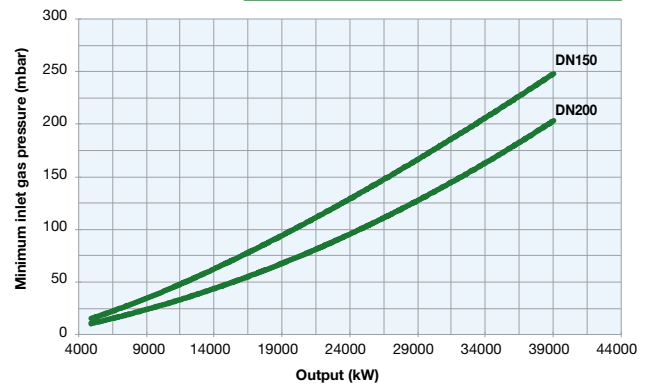
**HTLX2040 PR-MD**



**HTLX3050 PR-MD**



**HTLX3050 PR-MD with pneumatic valves**



## DUAL FUEL BURNERS NATURAL GAS/HEAVY OIL

