

TECHNICAL DATA

Model	Mea- sure	BLACKHEAT - linear							
		BH15ST	BH20ST	BH25ST	BH30ST	BH35ST	BH40ST	BH45ST	BH50ST
Code	-	2700006264	2700006265	2700006266	2700006267	2700006268	2700006269	2700006270	2700006271
Input-Gross	(kW)	15	20	25	30	35	40	45	50
Length	(mm)	6661	9709	9709	12757	12767	12767	15815	15850
Weight	(kg)	41	55	55	68	68	68	81	81
Heated area	(m ²)	20-160	30-210	40-265	50-315	55-370	65-420	70-475	80-525
Min. installation height	(m)	3.5	3.5	3.5	3.5	4.6	5.0	5.0	5.0
Gas fuel		natural gas or liquefied gas (propane-butane)							
<i>Gas consumption*</i>	(m ³ /h)								
Natural gas (G20)		1.43	1.91	2.38	2.86	3.36	3.81	4.29	4.77
Natural gas (G25)		1.66	2.22	2.77	3.32	3.88	4.43	4.99	5.54
Liquefied gas (G31)		0.56	0.75	0.94	1.13	1.32	1.51	1.69	1.88
<i>Inlet pressure</i>	(mbar)								
Natural gas (G20)		15 minimum, 50 maximum							
Natural gas (G25)		17.5 minimum, 50 maximum							
Liquefied gas (G31)		32.5 minimum, 50 maximum							
Gas pipeline		1/2"BSPT(ISO7-1)							
Power supply		230V, 50 Hz, single-phase current, 1 A							
Pipes of the transmitter		Pipes 3 m, 100 mm diameter, size 16, made by heat treated aluminized steel							
Diameter of the pipeline for exhaust gases	(mm)	100	100	100	100	100	100	100	100
Reflector		NS3H14Aluminum (or 430BAstainless steel)							
Permissible distances of combustible materials in horizontal mounting									
Above	(mm)	100	100	100	100	100	100	100	100
On the side	(mm)	760	840	840	840	910	910	1140	1140
Below	(mm)	1520	1600	1600	1600	1680	1680	1980	1980

*Based on total heat output