Product Information as required by EU regulations No 811/2013 and No 813/2013

(For Low Temperature Application - W35)

Product Fiche (according to EU regulation No 811/2013)

(a) Supplier's name or trademark	*BAXI*					
(b) Supplier's model identifier	*HP60-11-1-PHMB*					
(c) Seasonal space heating energy efficiency class (average climate), (**)	*A+++*	Seasonal space heating energy efficiency class (average climate), (*)				*A++*
Rated heat output, including the rated heat output (d) of any supplementary heater (average climate)	*12,1*	*kW*				
(e) Seasonal space heating energy efficiency (average climate)	*188*	*%*				
(f) Annual energy consumption (average climate)	*5 240*	*kWh*	and/ or	-		*GJ*
(g) Sound power level, indoors	-	*dB(A)*				
(h) Specific precautions for assembly, installation and maintenance	Before any assembly, installation or maintenance the user and installation manual has to be read attentively and to be followed					
(i) *Not applicable*						
(j) Rated heat output, including the rated heat output of any supplementary heater (colder climate)	*11,5*	*kW*				
(j) Rated heat output, including the rated heat output of any supplementary heater (warmer climate)	*11,7*	*kW*				
(k) Seasonal space heating energy efficiency (colder climate)	*162*	*%*				
(k) Seasonal space heating energy efficiency (warmer climate)	*232*	*%*				
(l) Annual energy consumption (colder climate)	*6 869*	*kWh*	and/ or	-		*GJ*
(l) Annual energy consumption (warmer climate)	*2 651*	*kWh*	and/ or	-		*GJ*
(m) Sound power level, outdoors	*52*	*dB(A)*				

(*) at medium temperature application (**) at low temperature application

Product Information as required by EU regulations No 811/2013 and No 813/2013

(For Medium Temperature Application - W55)

Product Fiche (according to EU regulation No 811/2013)

(a) Supplier's name or trademark		*BAXI*				
(b) Supplier's model identifier		*HP60-11-1-PHMB*				
(c) Seasonal space heating energy efficiency class (average climate), (**)		*A+++*	Seasonal space heating energy efficiency class (average climate), (*)			*A++*
Rated heat output, including the rated heat output (d) of any supplementary heater (average climate)		*12,1*	*kW*			
(e) Seasonal space heating energy efficiency (average climate)		*147*	*%*			
(f) Annual energy consumption (average climate)		*6 662*	*kWh*	and/ or	-	*GJ*
(g) Sound power level, indoors		-	*dB(A)*			
(h) Specific precautions for assembly, installation and maintenance		Before any assembly, installation or maintenance the user and installation manual has to be read attentively and to be followed				
(i) *Not applicable*						
(j)	Rated heat output, including the rated heat output of any supplementary heater (colder climate)	*10,8*	*kW*			
	Rated heat output, including the rated heat output of any supplementary heater (warmer climate)	*12,4*	*kW*			
(k)	Seasonal space heating energy efficiency (colder climate)	*127*	*%*			
	Seasonal space heating energy efficiency (warmer climate)	*174*	*%*			
(l)	Annual energy consumption (colder climate)	*8 197*	*kWh*	and/ or	-	*GJ*
	Annual energy consumption (warmer climate)	*3 724*	*kWh*	and/ or	-	*GJ*
(m) Sound power level, outdoors		*52*	*dB(A)*			

(*) at medium temperature application (**) at low temperature application

Product Information Requirements (according to EU regulation No 813/2013)
(For Low Temperature Application - W35)

Model	*HP60-11-1-PHMB*

Air-to-water heat pump	*yes*
Water-to-water heat pump	*no*
Brine-to-water heat pump	*no*

Low-temperature heat pump	*no*
Equipped with a supplementary heater	*yes*
Heat pump combination heater	*no*

Item	Symbol	Value	Unit
Rated heat output (*)	*Prated*	*12,1*	*kW*
Declared capacity for heating for part load at indoor temperature 20°C and outdoor temperature Tj			
Tj = -7 °C	*Pdh*	*10,68*	*kW*
Tj = +2 °C	*Pdh*	*6,69*	*kW*
Tj = +7 °C	*Pdh*	*5,30*	*kW*
Tj = +12 °C	*Pdh*	*5,34*	*kW*
Tj = bivalent temperature	*Pdh*	*10,68*	*kW*
Tj = operation limit temperature	*Pdh*	*10,66*	*kW*
For air-to-water heat pumps: *Tj = -15 °C (if TOL < -20 °C)*	*Pdh*	-	*kW*
Bivalent temperature	T_{biv}	*- 7,00*	*°C*
Cycling interval capacity for heating	P_{cych}	-	*kW*
Degradation coefficient (**)	*Cdh*	*0,90*	-
Power consumption in modes other than active mode			
Off mode	P_{OFF}	*0,010*	*kW*
Thermostat-off mode	P_{TO}	*0,015*	*kW*
Standby mode	P_{SB}	*0,010*	*kW*
Crankcase heater mode	P_{CK}	*0,0000*	*kW*
Other items			
Capacity control		*variable*	
Sound power level, indoors/ outdoors	L_{WA}	*-/ 52*	*dB*
Emission of nitrogen oxides	NO_x	-	*mg/ kWh*

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η_s	*188*	*%*
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7 °C	*COPd or PERd*	*2,80*	*%*
Tj = +2 °C	*COPd or PERd*	*4,55*	*%*
Tj = +7 °C	*COPd or PERd*	*6,98*	*%*
Tj = +12 °C	*COPd or PERd*	*7,70*	*%*
Tj = bivalent temperature	*COPd or PERd*	*2,80*	*%*
Tj = operation limit temperature	*COPd or PERd*	*2,61*	*%*
For air-to-water heat pumps: *Tj = -15 °C (if TOL < -20 °C)*	*COPd or PERd*	-	*%*
For air-to-water heat pumps: Operation limit Temperature	*TOL*	*- 10,00*	*°C*
Cycling interval efficiency	*COPcyc or PERcyc*	-	*kW*
Heating water operating limit temperature	*WTOL*	*75,00*	*°C*
Supplementary heater			
Rated heat output (*)	P_{sup}	*1,44*	*kW*
Type of energy input		electricity	
For air-to-water heat pumps: Rated air flow rate, outdoors	-	*4457*	*m³/h*
For water-/brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	*0*	*m³/h*

Contact details	BAXI Heating UK Ltd. - Brooks House, Coventry Road - CV34 4LL Warwick - United Kingdom

Specific precautions that shall be taken when the space heater is assembled, installed or maintained & information relevant for disassembly, recycling and/or disposal at end-of-life	Before any assembly, installation or maintenance the user and installation manual has to be read attentively and to be followed. Before disassembly, recycling and/or disposal at end-of-life the user and installation manual has to be read attentively and to be followed.

(*) For heat pump space heaters and heat pump combination heaters, the rated output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(T_j).

(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

All parameters are declared for medium-temperature application, except for low-temperature heat pump. For a low-temperature heat pump, parameters are declared for low temperature application. All parameters are declared for average climate conditions.

Product Information Requirements (according to EU regulation No 813/2013)
(For Medium Temperature Application - W55)

Model	*HP60-11-1-PHMB*

Air-to-water heat pump	*yes*
Water-to-water heat pump	*no*
Brine-to-water heat pump	*no*

Low-temperature heat pump	*no*
Equipped with a supplementary heater	*yes*
Heat pump combination heater	*no*

Item	Symbol	Value	Unit
Rated heat output (*)	*Prated*	*12,1*	*kW*
Declared capacity for heating for part load at indoor temperature 20°C and outdoor temperature Tj			
Tj = -7 °C	*Pdh*	*10,88*	*kW*
Tj = +2 °C	*Pdh*	*6,56*	*kW*
Tj = +7 °C	*Pdh*	*4,78*	*kW*
Tj = +12 °C	*Pdh*	*5,83*	*kW*
Tj = bivalent temperature	*Pdh*	*10,88*	*kW*
Tj = operation limit temperature	*Pdh*	*10,71*	*kW*
For air-to-water heat pumps: *Tj = -15 °C (if TOL < -20 °C)*	*Pdh*	-	*kW*
Bivalent temperature	T_{biv}	*- 7,00*	*°C*
Cycling interval capacity for heating	P_{cych}	-	*kW*
Degradation coefficient (**)	*Cdh*	*0,90*	-
Power consumption in modes other than active mode			
Off mode	P_{OFF}	*0,010*	*kW*
Thermostat-off mode	P_{TO}	*0,015*	*kW*
Standby mode	P_{SB}	*0,010*	*kW*
Crankcase heater mode	P_{CK}	*0,0000*	*kW*
Other items			
Capacity control		*variable*	
Sound power level, indoors/ outdoors	L_{WA}	*-/ 52*	*dB*
Emission of nitrogen oxides	NO_x	-	*mg/ kWh*

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η_s	*147*	*%*
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7 °C	*COPd or PERd*	*2,27*	*%*
Tj = +2 °C	*COPd or PERd*	*3,63*	*%*
Tj = +7 °C	*COPd or PERd*	*4,99*	*%*
Tj = +12 °C	*COPd or PERd*	*6,55*	*%*
Tj = bivalent temperature	*COPd or PERd*	*2,27*	*%*
Tj = operation limit temperature	*COPd or PERd*	*2,15*	*%*
For air-to-water heat pumps: *Tj = -15 °C (if TOL < -20 °C)*	*COPd or PERd*	-	*%*
For air-to-water heat pumps: Operation limit Temperature	*TOL*	*- 10,00*	*°C*
Cycling interval efficiency	*COPcyc or PERcyc*	-	*kW*
Heating water operating limit temperature	*WTOL*	*75,00*	*°C*
Supplementary heater			
Rated heat output (*)	P_{sup}	*1,39*	*kW*
Type of energy input		electricity	
For air-to-water heat pumps: Rated air flow rate, outdoors	-	*4457*	*m³/h*
For water-/brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	*0*	*m³/h*

Contact details	BAXI Heating UK Ltd. - Brooks House, Coventry Road - CV34 4LL Warwick - United Kingdom

Specific precautions that shall be taken when the space heater is assembled, installed or maintained & information relevant for disassembly, recycling and/or disposal at end-of-life	Before any assembly, installation or maintenance the user and installation manual has to be read attentively and to be followed. Before disassembly, recycling and/or disposal at end-of-life the user and installation manual has to be read attentively and to be followed.

(*) For heat pump space heaters and heat pump combination heaters, the rated output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(T_j).

(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

All parameters are declared for medium-temperature application, except for low-temperature heat pump. For a low-temperature heat pump, parameters are declared for low temperature application. All parameters are declared for average climate conditions.