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	*HP60-13-3-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)	*13,7*	*kW*				
(e) Seasonal space heating energy efficiency (average climate)	*185*	*%*				
(f) Annual energy consumption (average climate)	*6 025*	*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)	*14,6*	*kW*				
(j) Rated heat output, including the rated heat output of any supplementary heater (warmer climate)	*14,3*	*kW*				
(k) Seasonal space heating energy efficiency (colder climate)	*160*	*%*				
(k) Seasonal space heating energy efficiency (warmer climate)	*238*	*%*				
(l) Annual energy consumption (colder climate)	*8 813*	*kWh*	and/ or	-		*GJ*
(l) Annual energy consumption (warmer climate)	*3 159*	*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		*HP60-13-3-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)		*13,7*	*kW*			
(e) Seasonal space heating energy efficiency (average climate)		*146*	*%*			
(f) Annual energy consumption (average climate)		*7 588*	*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)	*13,9*	*kW*			
	Rated heat output, including the rated heat output of any supplementary heater (warmer climate)	*14,9*	*kW*			
(k)	Seasonal space heating energy efficiency (colder climate)	*128*	*%*			
	Seasonal space heating energy efficiency (warmer climate)	*181*	*%*			
(l)	Annual energy consumption (colder climate)	*10 408*	*kWh*	and/ or	-	*GJ*
	Annual energy consumption (warmer climate)	*4 306*	*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	*HP60-13-3-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*	*13,7*	*kW*
Declared capacity for heating for part load at indoor temperature 20°C and outdoor temperature Tj			
Tj = -7 °C	*Pdh*	*12,03*	*kW*
Tj = +2 °C	*Pdh*	*7,38*	*kW*
Tj = +7 °C	*Pdh*	*5,24*	*kW*
Tj = +12 °C	*Pdh*	*5,28*	*kW*
Tj = bivalent temperature	*Pdh*	*12,03*	*kW*
Tj = operation limit temperature	*Pdh*	*11,45*	*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	*185*	*%*
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*	*2,70*	*%*
Tj = +2 °C	*COPd or PERd*	*4,46*	*%*
Tj = +7 °C	*COPd or PERd*	*7,02*	*%*
Tj = +12 °C	*COPd or PERd*	*7,71*	*%*
Tj = bivalent temperature	*COPd or PERd*	*2,70*	*%*
Tj = operation limit temperature	*COPd or PERd*	*2,54*	*%*
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}	*2,25*	*kW*
Type of energy input		electricity	
For air-to-water heat pumps: Rated air flow rate, outdoors	*-*	*5042*	*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	*HP60-13-3-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*	*13,7*	*kW*
Declared capacity for heating for part load at indoor temperature 20°C and outdoor temperature Tj			
Tj = -7 °C	*Pdh*	*11,87*	*kW*
Tj = +2 °C	*Pdh*	*7,37*	*kW*
Tj = +7 °C	*Pdh*	*4,87*	*kW*
Tj = +12 °C	*Pdh*	*5,83*	*kW*
Tj = bivalent temperature	*Pdh*	*11,87*	*kW*
Tj = operation limit temperature	*Pdh*	*11,20*	*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	*146*	*%*
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*	*2,22*	*%*
Tj = +2 °C	*COPd or PERd*	*3,56*	*%*
Tj = +7 °C	*COPd or PERd*	*5,21*	*%*
Tj = +12 °C	*COPd or PERd*	*6,55*	*%*
Tj = bivalent temperature	*COPd or PERd*	*2,22*	*%*
Tj = operation limit temperature	*COPd or PERd*	*2,07*	*%*
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}	*2,50*	*kW*
Type of energy input		electricity	
For air-to-water heat pumps: Rated air flow rate, outdoors	-	*5042*	*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.