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		*HP60-4-1-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)		*5,3*	*kW*			
(e) Seasonal space heating energy efficiency (average climate)		*210*	*%*			
(f) Annual energy consumption (average climate)		*2 052*	*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)	*5,0*	*kW*			
	Rated heat output, including the rated heat output of any supplementary heater (warmer climate)	*4,6*	*kW*			
(k)	Seasonal space heating energy efficiency (colder climate)	*158*	*%*			
	Seasonal space heating energy efficiency (warmer climate)	*235*	*%*			
(l)	Annual energy consumption (colder climate)	*3 056*	*kWh*	and/ or	-	*GJ*
	Annual energy consumption (warmer climate)	*1 024*	*kWh*	and/ or	-	*GJ*
(m) Sound power level, outdoors		*48*	*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		*HP60-4-1-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)		*4,9*	*kW*			
(e) Seasonal space heating energy efficiency (average climate)		*157*	*%*			
(f) Annual energy consumption (average climate)		*2 535*	*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)	*4,3*	*kW*			
	Rated heat output, including the rated heat output of any supplementary heater (warmer climate)	*4,7*	*kW*			
(k)	Seasonal space heating energy efficiency (colder climate)	*124*	*%*			
	Seasonal space heating energy efficiency (warmer climate)	*170*	*%*			
(l)	Annual energy consumption (colder climate)	*3 328*	*kWh*	and/ or	-	*GJ*
	Annual energy consumption (warmer climate)	*1 446*	*kWh*	and/ or	-	*GJ*
(m) Sound power level, outdoors		*48*	*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	*HP60-4-1-PHMB*

Air-to-water heat pump			*yes*	Low-temperature heat pump			*no*
Water-to-water heat pump			*no*	Equipped with a supplementary heater			*yes*
Brine-to-water heat pump			*no*	Heat pump combination heater			*no*
Item	**Symbol**	**Value**	**Unit**	**Item**	**Symbol**	**Value**	**Unit**
Rated heat output (*)	*Prated*	*5,3*	*kW*	**Seasonal space heating energy efficiency**	η_s	*210*	*%*
Declared capacity for heating for part load at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = -7 °C	*Pdh*	*4,64*	*kW*	*Tj = -7 °C*	*COPd or PERd*	*3,40*	*%*
Tj = +2 °C	*Pdh*	*2,89*	*kW*	*Tj = +2 °C*	*COPd or PERd*	*5,29*	*%*
Tj = +7 °C	*Pdh*	*2,73*	*kW*	*Tj = +7 °C*	*COPd or PERd*	*6,74*	*%*
Tj = +12 °C	*Pdh*	*3,14*	*kW*	*Tj = +12 °C*	*COPd or PERd*	*8,54*	*%*
Tj = bivalent temperature	*Pdh*	*4,64*	*kW*	*Tj = bivalent temperature*	*COPd or PERd*	*3,40*	*%*
Tj = operation limit temperature	*Pdh*	*5,30*	*kW*	*Tj = operation limit temperature*	*COPd or PERd*	*3,01*	*%*
For air-to-water heat pumps: *Tj = -15 °C (if TOL < -20 °C)*	*Pdh*	*-*	*kW*	For air-to-water heat pumps: *Tj = -15 °C (if TOL < -20 °C)*	*COPd or PERd*	*-*	*%*
Bivalent temperature	T_{biv}	*- 7,00*	*°C*	For air-to-water heat pumps: Operation limit Temperature	*TOL*	*- 10,00*	*°C*
Cycling interval capacity for heating	P_{cych}	*-*	*kW*	Cycling interval efficiency	*COPcyc or PERcyc*	*-*	*kW*
Degradation coefficient (**)	*Cdh*	*0,90*	*-*	Heating water operating limit temperature	*WTOL*	*75,00*	*°C*
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P_{OFF}	*0,009*	*kW*	Rated heat output (*)	P_{sup}	*0,0*	*kW*
Thermostat-off mode	P_{TO}	*0,010*	*kW*	Type of energy input		electricity	
Standby mode	P_{SB}	*0,009*	*kW*				
Crankcase heater mode	P_{CK}	*0,0000*	*kW*				
Other items							
Capacity control		*variable*		For air-to-water heat pumps: Rated air flow rate, outdoors	*-*	*2875*	*m³/h*
Sound power level, indoors/ outdoors	L_{WA}	*-/ 48*	*dB*	For water-/brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	*-*	*0*	*m³/h*
Emission of nitrogen oxides	NO_x	*-*	*mg/ kWh*				
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	*HP60-4-1-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*	*4,9*	*kW*
Declared capacity for heating for part load at indoor temperature 20°C and outdoor temperature Tj			
Tj = -7 °C	*Pdh*	*4,42*	*kW*
Tj = +2 °C	*Pdh*	*2,72*	*kW*
Tj = +7 °C	*Pdh*	*2,55*	*kW*
Tj = +12 °C	*Pdh*	*3,01*	*kW*
Tj = bivalent temperature	*Pdh*	*4,42*	*kW*
Tj = operation limit temperature	*Pdh*	*4,80*	*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}	*0,009*	*kW*
Thermostat-off mode	P_{TO}	*0,010*	*kW*
Standby mode	P_{SB}	*0,009*	*kW*
Crankcase heater mode	P_{CK}	*0,0000*	*kW*
Other items			
Capacity control	*variable*		
Sound power level, indoors/ outdoors	L_{WA}	*-/ 48*	*dB*
Emission of nitrogen oxides	NO_x	*-*	*mg/ kWh*

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η_s	*157*	*%*
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*	*2,59*	*%*
Tj = +2 °C	*COPd or PERd*	*3,94*	*%*
Tj = +7 °C	*COPd or PERd*	*4,94*	*%*
Tj = +12 °C	*COPd or PERd*	*6,44*	*%*
Tj = bivalent temperature	*COPd or PERd*	*2,59*	*%*
Tj = operation limit temperature	*COPd or PERd*	*2,27*	*%*
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}	*0,0*	*kW*
Type of energy input	electricity		
For air-to-water heat pumps: Rated air flow rate, outdoors	*-*	*2875*	*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.