(a)	Supplier's name or trademark			E.C.A.		
(b)	Supplier's model identifier			PROTEUS PREMIX PPR 14 HM	1	
(c)	Space heating: medium temperature application	YES	Water heat	ting: declared load profile		XL
(d)	Seasonal space heating energy efficiency class	А	A Water heating energy efficiency class			А
(e) Rated heat output, including the rated heat output of any supplementary heater			kW			
(£)	Space heating: annual energy consumption		kWh	and/ or	44	GJ
(f)	Water heating: annual electricity and/ or fuel consumption		kWh	and/ or	18	GJ
(g)	Seasonal space heating energy efficiency	91,1	%	Water heating energy efficiency	90,7	%
(h)	Sound power level, indoors	49	dB(A)			
	(i) Combination heater is able to work only during off-peak hours					
(j) Specific precautions for assembly, installation and maintenance All specific precautions for installation, assembly and maintanence are described in the installation and service manual.						

Product Information Requirements (according to EU regulation No 813/2013)

	,							
Model		CALORA P	REMIX 14 HM	1				
condensing boiler		YES						
low temperature boiler**		YES						
B1 boiler		NO						
Cogeneration space hear	ter	NO	If yes, equipp	ed with a supplementary heater [Yes/No]				
Combination heater		YES			•			
Item	Symbol	Value	Unit	Item	Sym	bol V	alue	Ur
Batad boot autnut	Brotod	444	HAI	Seasonal space heating	ηs	01.1	0/	

Item	Symbol	Value	Unit	Item	Sym	bol Va	lue l
Rated heat output	Prated	14,1	kW	Seasonal space heating energy efficiency	ηs	91,1	%
For boiler space heaters ar output	nd boiler combinat	ion heaters:	Useful heat	For boiler space heaters and boiler combination heater	rs: Useful e	fficiency	
At rated heat output and high-temperature regime (*) At 30 % of rated heat output	P 4	14,1	kW	At rated heat output and high-temperature regime (*) At 30 % of rated heat output	η4	87,9	%
and low-temperature regime (**)	P 1	4,7	kW	and low-temperature regime (**)	η 1	96,4	%
				Supplementary heater			
				Rated heat output	P sup	0	kW

Type of energy input

Auxiliary electricity consumption	n		
At full load elmax		0,028	kW
At part load elmin		0,012	kW
In standby mode	P_SB	0,005	kW

Other items			
Standby heat loss	P_{stby}	0,065	kW
Ignition burner power consumption	P_{ign}	0	kW
Emission of Nitrogen Oxides	No _x	25,91	mg/kWh

For combination heaters:					
Declared load profile	XL				
Daily electricity consumption	Q elec	0,190	kWh		

Water heating energy efficiency	η_{wh}	90,7	%
Daily fuel consumption	Q_{fuel}	22,8	kWh

Contact details	Emas Makina Sanayi A.Ş Organize Sanayi Bölgesi III. Kısım Mustafa Kemal Bulvarı No:13 MANİSA 45030
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^(*) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.

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

All specific precautions for assembly, installation and maintenance and information relevant for dissassembly, recycling and/or disposal at end-of-life are described in the operating and installation instructions. Read and follow the operating and installation instructions.

For type B1 boiler and type B1 combination boiler:

^(**) Low-temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).

(a) Supplier's name or trademark		E.C.A.				
(b) Supplier's model identifier		PROTEUS PREMIX PPR 14 HCH / PROTEUS PREMIX PPR 14 HST				
(c) Space heating: medium temperature application	YES					
(d) Seasonal space heating energy efficiency class	А					
(e) Rated heat output, including the rated heat output of any supplementary heater	14,1	kW				
(f) Space heating: annual energy consumption		kWh	and/ or	44	GJ	
(g) Seasonal space heating energy efficiency	91,1	%				
(h) Sound power level, indoors	49	dB(A)				
(i) Combination heater is able to work only during off-peak hours	NO	•				
(j) Specific precautions for assembly, installation and maintenance	All specific precautions for installation, assembly and maintanence are described in the installation and service manual.					

Product Information Requirements (according to EU regulation No 813/2013)

Model	PROTEUS	PREMIX PPR 14 HCH / PROTEUS PREMIX PPR 14 HST				
condensing boiler	YES	YES				
low temperature boiler**	YES					
B1 boiler	NO					
Cogeneration space heater	NO	If yes, equipped with a supplementary heater [Yes/No]				
Combination heater	NO					
Item Symbol	Value	Unit Item	Symb	ool	Value	Unit

Item	Symbol	Value	Unit
Rated heat output	ed heat output Prated		kW
For boiler space heaters output	and boiler combina	ition heaters: I	Jseful heat
At rated heat output and high-temperature regime (*) At 30 % of rated heat output		14,1	kW
and low-temperature regime		4,7	kW

em	Syllibol	value	UIIIL
Seasonal space heating energy efficiency	ηs	91,1	%
For boiler space heaters and boiler combination heat	ers: Useful ef	ficiency	
At rated heat output and high-temperature regime (*) At 30 % of rated heat output	η4	87,9	%
and low-temperature regime (**)	η 1	96,4	%
Supplementary heater			
Rated heat output	P sup	0	kW
Type of energy input			

Auxiliary electricity consumpti	on		
At full load elmax		0,028	kW
At part load elmin		0,012	kW
In standby mode	P_{SB}	0,005	kW

Other items		
Standby heat loss P _{stby}	0,065	kW
Ignition burner power consumption P _{ign}	0	kW
Emission of Nitrogen Oxides No _x	25,91	mg/kWh

Contact details	Emas Makina Sanayi A.Ş Organize Sanayi Bölgesi III. Kısım Mustafa Kemal Bulvarı No:13 MANİSA 45030
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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

All specific precautions for assembly, installation and maintenance and information relevant for dissassembly, recycling and/or disposal at end-of-life are described in the operating and installation instructions. Read and follow the operating and installation instructions.

^(*) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.

^(**) Low-temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).

22,8

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

(a)	Supplier's name or trademark		E.C.A.					
(b)	Supplier's model identifier			PROTEUS PREMIX PPR 20 HM	1			
(c)	Space heating: medium temperature application	YES	Water heat	ting: declared load profile		XL		
(d)	Seasonal space heating energy efficiency class	А	A Water heating energy efficiency class A					
	Rated heat output, including the rated heat output of any plementary heater	any 20,2 kW						
(£)	Space heating: annual energy consumption		kWh	and/ or	63	GJ		
(f)	Water heating: annual electricity and/ or fuel consumption		kWh	and/ or	18	GJ		
(g)	Seasonal space heating energy efficiency	91,4	%	Water heating energy efficiency	90,7	%		
(h)	Sound power level, indoors	49	dB(A)					
(i) hour	Combination heater is able to work only during off-peak s	ing off-peak NO						
٠,) Specific precautions for assembly, installation and naintenance All specific precautions for installation, assembly and maintanence are described in the installation and service manual.							

Product Information Requirements (according to EU regulation No 813/2013)

Product information Requi	irements (accord	ing to EU reg	Jiation No 813/2	2013)			
Model		PROTEUS	PREMIX PP	R 20 HM			
condensing boiler		YES					
low temperature boiler**		YES					
B1 boiler		NO					
Cogeneration space heater		NO	If yes, equip	ped with a supplementary heater [Yes/No]			
Combination heater		YES					
Item	Symbol	Value	Unit	Item	Symb	ool V	alue
Rated heat output	Prated	20,2	kW	Seasonal space heating energy efficiency	ης	91,4	%
For boiler space heaters and output	d boiler combina	tion heaters:	Useful heat	For boiler space heaters and boiler combination hea	aters: Useful ef	ficiency	•
At rated heat output and high-temperature regime (*) At 30 % of rated heat output	P 4	20,2	kW	At rated heat output and high-temperature regime (*) At 30 % of rated heat output	η4	87,9	%
and low-temperature regime (**)	P1	6,6	kW	and low-temperature regime (**)	η1	96,4	%
		•		Supplementary heater			•
				Rated heat output	P sup	0	kW
				Type of energy input			
Auxiliary electricity consump	tion			Other items			
At full load elmax		0,035	kW	Standby heat loss	P_{stby}	0,065	kW
At part load elmin		0,012	kW	Ignition burner power consumption	P_{ign}	0	kW
In standby mode	P_{SB}	0,005	kW	Emission of Nitrogen Oxides	No _x	27,20	mg/kWh
For combination heaters	s:		•				
Declared load profile		XL		Water heating energy efficiency	η_{wh}	90,7	%
	•	1	1	1 1			

Contact details	Emas Makina Sanayi A.Ş Organize Sanayi Bölgesi III. Kısım Mustafa Kemal Bulvarı No:13 MANİSA 45030
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Daily fuel consumption

0,198

Q elec

kWh

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

All specific precautions for assembly, installation and maintenance and information relevant for dissassembly, recycling and/or disposal at end-of-life are described in the operating and installation instructions. Read and follow the operating and installation instructions.

For type B1 boiler and type B1 combination boiler:

Daily electricity consumption

^(*) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.

^(**) Low-temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).

(a) Supplier's name or trademark		E.C.A.					
(b) Supplier's model identifier		PROTEUS PREMIX PPR 20 HCH / PROTEUS PREMIX PPR 20 HST					
(c) Space heating: medium temperature application	YES						
(d) Seasonal space heating energy efficiency class	А						
(e) Rated heat output, including the rated heat output of any supplementary heater	20,2	kW					
(f) Space heating: annual energy consumption		kWh	and/ or	63	GJ		
(g) Seasonal space heating energy efficiency	91,4	%					
(h) Sound power level, indoors	49	dB(A)					
(i) Combination heater is able to work only during off-peak hours	NO						
(j) Specific precautions for assembly, installation and maintenance	All specific precautions for installation, assembly and maintanence are described in the installation and service manual.						

Product Information Requirements (according to EU regulation No 813/2013)

Cogeneration space heater	NO NO	If yes, equipp	ped with a supplementary heater [Yes/No]		
B1 boiler	NO				
low temperature boiler**	YES				
condensing boiler	YES				
Model	PROTEUS	PREMIX PPF	20 HCH / PROTEUS PREMIX PPR 20 HST		

item	Symbol	value	Unit
Rated heat output	Prated	20,2	kW
For boiler space heaters output	and boiler combinati	ion heaters:	Useful heat
At rated heat output and high-temperature regime (*) At 30 % of rated heat output	P4	20,2	kW
and low-temperature regime		6,6	kW

Seasonal space heating energy efficiency	ηs	91,4	%
For boiler space heaters and boiler combination heate	rs: Useful et	ficiency	
At rated heat output and high-temperature regime (*) At 30 % of rated heat output	η4	87,9	%
and low-temperature regime (**)	η1	96,4	%
Supplementary heater			
Rated heat output	P sup	0	kW
Type of energy input			

Auxiliary electricity consumption	on		
At full load elmax		0,035	kW
At part load elmin		0,012	kW
In standby mode	P _{SB}	0,005	kW

Other items			
Standby heat loss	P_{stby}	0,065	kW
Ignition burner power consumption	P_{ign}	0	kW
Emission of Nitrogen Oxides	No _x	27,20	mg/kWh

Contact details Emas Makina Sanayi A.Ş. - Organize Sanayi Bölgesi III. Kısım Mustafa Kemal Bulvarı No:13 MANİSA 45030

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

All specific precautions for assembly, installation and maintenance and information relevant for dissassembly, recycling and/or disposal at end-of-life are described in the operating and installation instructions. Read and follow the operating and installation instructions.

For type B1 boiler and type B1 combination boiler:

^(*) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.

^(**) Low-temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).



(a)	Supplier's name or trademark			E.C.A.			
(b)	Supplier's model identifier			PROTEUS PREMIX PPR 24 HM	1		
(c)	Space heating: medium temperature application	YES	YES Water heating: declared load profile XL				
(d)	Seasonal space heating energy efficiency class	A Water heating energy efficiency class A					
	Rated heat output, including the rated heat output of any plementary heater	y 24,5 kW					
(£)	Space heating: annual energy consumption		kWh	and/ or	76	GJ	
(f)	Water heating: annual electricity and/ or fuel consumption		kWh	and/ or	18	GJ	
(g)	Seasonal space heating energy efficiency	92,2	%	Water heating energy efficiency	83,6	%	
(h)	Sound power level, indoors	49	dB(A)				
(i) hour	Combination heater is able to work only during off-peak is	NO	•				
(j) Specific precautions for assembly, installation and maintenance All specific precautions for installation, assembly and maintanence are described in the installation and service manual.							

Product Information Req	uirements (accord	ding to EU reg	ulation No 813/2	2013)			
Model		PROTEUS	PREMIX PP	R 24 HM			
condensing boiler		YES					
low temperature boiler**		YES					
B1 boiler		NO					
Cogeneration space heate	r	NO	If yes, equip	ped with a supplementary heater [Yes/No]			
Combination heater		YES			•		
Item	Symbol	Value	Unit	Item	Symb	ol \	/alue L
Rated heat output	Prated	24,5	kW	Seasonal space heating energy efficiency	ηs	92,2	%
For boiler space heaters as output	nd boiler combinat	tion heaters:	Useful heat	For boiler space heaters and boiler combination h	eaters: Useful ef	ficiency	-
At rated heat output and high-temperature regime (*) At 30 % of rated heat output	P4	24,5	kW	At rated heat output and high-temperature regime (*) At 30 % of rated heat output	η4	87,9	%
and low-temperature regime (**)	P1	8	kW	and low-temperature regime (**)	η 1	97,2	%
				Supplementary heater			
				Rated heat output	P sup	0	kW
				Type of energy input			

Auxiliary electricity consumption	า		
At full load elmax		0,040	kW
At part load elmin		0,012	kW
In standby mode	P_{SB}	0,005	kW

Other items			
Standby heat loss	P _{stby}	0,065	kW
Ignition burner power consumption	P _{ign}	0	kW
Emission of Nitrogen Oxides	No _x	36,51	mg/kWh

 η_{wh}

83.6

22,8

%

kWh

For combination heaters:

Declared load profile		XL		Water heating energy efficiency	
Daily electricity consumption	Q elec	0,200	kWh	Daily fuel consumption	

Contact details	Emas Makina Sanayi A.Ş Organize Sanayi Bölgesi III. Kısım Mustafa Kemal Bulvarı No:13 MANİSA 45030
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^(*) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.

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

All specific precautions for assembly, installation and maintenance and information relevant for dissassembly, recycling and/or disposal at end-of-life are described in the operating and installation instructions. Read and follow the operating and installation instructions.

For type B1 boiler and type B1 combination boiler:

^{(&}quot;") Low-temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).

(a) Supplier's name or trademark			E.C.A.				
(b) Supplier's model identifier		PROTEUS PREMIX PPR 24 HCH / PROTEUS PREMIX PPR 24 HST					
(c) Space heating: medium temperature application	YES						
(d) Seasonal space heating energy efficiency class	А						
(e) Rated heat output, including the rated heat output of any supplementary heater	24,5	kW					
(f) Space heating: annual energy consumption		kWh	and/ or	76	GJ		
(g) Seasonal space heating energy efficiency	92,2	%					
(h) Sound power level, indoors	49	dB(A)					
(i) Combination heater is able to work only during off-peak hours	NO						
(j) Specific precautions for assembly, installation and maintenance	All specific precautions for installation, assembly and maintanence are described in the installation and service manual.						

Product Information Requirements (according to EU regulation No 813/2013)

Model		PROTEUS	PREMIX PP	R 24 HCH / PROTEUS PREMIX PPR 24 HST			
condensing boiler		YES	1				
low temperature boil	ler**	YES					
B1 boiler		NO					
Cogeneration space	heater	NO	If yes, equip	ped with a supplementary heater [Yes/No]			
Combination heater		NO			•		
Item	Symbol	Value	Unit	Item	Symbol	Value	Un
				Seasonal space heating	ns		

item	Symbol	value	Unit
Rated heat output	Prated	24,5	kW
For boiler space heaters a output	and boiler combinat	ion heaters:	Useful heat
At rated heat output and high-temperature regime (*) At 30 % of rated heat output	P4	24,5	kW
and low-temperature regime (**)	P 1	8	kW

Seasonal space heating energy efficiency	ηs	92,2	%			
For boiler space heaters and boiler combination heaters: Useful efficiency						
At rated heat output and high-temperature regime (*) At 30 % of rated heat output	η4	87,9	%			
and low-temperature regime (**)	η 1	97,2	%			
Supplementary heater						
Rated heat output	P sup	0	kW			
Type of energy input						

Auxiliary electricity consumption	n		
At full load elmax		0,040	kW
At part load elmin		0,012	kW
In standby mode	P _{SB}	0,005	kW

Other items			
Standby heat loss	P_{stby}	0,065	kW
Ignition burner power consumption	P_{ign}	0	kW
Emission of Nitrogen Oxides	No _x	36,51	mg/kWh

Contact details Emas Makina Sanayi A.Ş. - Organize Sanayi Bölgesi III. Kısım Mustafa Kemal Bulvarı No:13 MANİSA 45030

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

All specific precautions for assembly, installation and maintenance and information relevant for dissassembly, recycling and/or disposal at end-of-life are described in the operating and installation instructions. Read and follow the operating and installation instructions.

For type B1 boiler and type B1 combination boiler:

^(*) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.

^(**) Low-temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).



Trouble Fibrio (according to Lo regulation to 017/2010)									
(a)	Supplier's name or trademark		E.C.A.						
(b)	Supplier's model identifier		PROTEUS PREMIX PPR 28 HM						
(c)	Space heating: medium temperature application	YES	YES Water heating: declared load profile XL						
(d)	Seasonal space heating energy efficiency class	А	A Water heating energy efficiency class A						
	Rated heat output, including the rated heat output of any plementary heater	28,0	28,0 kW						
(f)	Space heating: annual energy consumption		kWh	and/ or	87	GJ			
(1)	Water heating: annual electricity and/ or fuel consumption		kWh	and/ or	18	GJ			
(g)	Seasonal space heating energy efficiency	92,4	%	Water heating energy efficiency	83,9	%			
(h)	Sound power level, indoors	49	dB(A)						
(i) hour	Combination heater is able to work only during off-peak	NO	•						
٠,		All specific precautions for installation, assembly and maintanence are described in the installation and service manual.							

Product Information Requirements (according to EU regulation No 813/2013)

Product Information Requ	uirements (accord	ing to EU reg	ulation No 813/2	2013)			
Model		PROTEUS	PREMIX PP	R 28 HM			
condensing boiler		YES					
low temperature boiler**		YES					
B1 boiler		NO					
Cogeneration space heater	•	NO	If yes, equip	ped with a supplementary heater [Yes/No]			
Combination heater		YES					
Item	Symbol	Value	Unit	Item	Syml	bol Va	lue
Rated heat output	Prated	28,0	kW	Seasonal space heating energy efficiency	ηs	92,4	%
For boiler space heaters ar output	nd boiler combinat	ion heaters:	Useful heat	For boiler space heaters and boiler combination hea	ters: Useful e	fficiency	
At rated heat output and high-temperature regime (*) At 30 % of rated heat output	P 4	28,0	kW	At rated heat output and high-temperature regime (*) At 30 % of rated heat output	η4	87,9	%
and low-temperature regime (**)	P 1	9,3	kW	and low-temperature regime (**)	η1	97,2	%
				Supplementary heater			
				Rated heat output	P sup	0	kW
				Type of energy input			•
Auxiliary electricity consum	ption			Other items			
At full load elmax		0,051	kW	Standby heat loss	P_{stby}	0,065	kW
At part load elmin		0,012	kW	Ignition burner power consumption	P_{ign}	0	kW
In standby mode	P_{SB}	0,004	kW	Emission of Nitrogen Oxides	No _x	21,29	mg/kWh
For combination heater	rs:						-
							1

Contact details Emas Makina Sanayi A.Ş. - Organize Sanayi Bölgesi III. Kısım Mustafa Kemal Bulvarı No:13 MANİSA 45030

Water heating energy efficiency

Daily fuel consumption

 η_{wh}

83.9

22,8

%

kWh

ΧL

Q elec

0,220

kWh

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

All specific precautions for assembly, installation and maintenance and information relevant for dissassembly, recycling and/or disposal at end-of-life are described in the operating and installation instructions. Read and follow the operating and installation instructions.

For type B1 boiler and type B1 combination boiler:

Declared load profile

Daily electricity consumption

^(*) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.

^(**) Low-temperature regime means or Cream temperature at neater milet and of Cream temperature at neater outer.

(**) Low-temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).

(a) Supplier's name or trademark		E.C.A.						
(b) Supplier's model identifier		PROTEUS PREMIX PPR 28 HCH / PROTEUS PREMIX PPR 28 HST						
(c) Space heating: medium temperature application	YES							
(d) Seasonal space heating energy efficiency class	А							
(e) Rated heat output, including the rated heat output of any supplementary heater	28,0	kW						
(f) Space heating: annual energy consumption		kWh	and/ or	87	GJ			
(g) Seasonal space heating energy efficiency	92,4	%						
(h) Sound power level, indoors	49	dB(A)						
(i) Combination heater is able to work only during off-peak hours	NO							
(j) Specific precautions for assembly, installation and maintenance	All specific precautions for installation, assembly and maintanence are described in the installation and service manual.							

Product Information Requirements (according to EU regulation No 813/2013)

Model	PROTEUS	PREMIX PPF	REMIX PPR 28 HCH / PROTEUS PREMIX PPR 28 HST							
condensing boiler	YES									
low temperature boiler**	YES									
B1 boiler	NO									
Cogeneration space heater	NO	If yes, equip	oed with a	supplementary h	eater [Yes/	No]				
Combination heater	NO						•			
Item Symbol	Value	Unit	Item				Syml	pol	Value	Un

Item	Symbol	Value	Unit
Rated heat output	Prated	28,0	kW
For boiler space heaters a output	and boiler combinati	ion heaters:	Useful heat
At rated heat output and high-temperature regime (*) At 30 % of rated heat output	P4	28,0	kW
and low-temperature regime (**)	P ₁	9,3	kW

Seasonal space heating energy efficiency	ηs	92,4	%						
For boiler space heaters and boiler combination heaters: Useful efficiency									
At rated heat output and high-temperature regime (*) At 30 % of rated heat output	η4	87,9	%						
and low-temperature regime (**)	η1	97,2	%						
Supplementary heater									
Rated heat output	P sup	0	kW						
Type of energy input									

Auxiliary electricity consumption	on		
At full load elmax		0,051	kW
At part load elmin		0,012	kW
In standby mode	P _{SB}	0,004	kW

Other items			
Standby heat loss	P_{stby}	0,065	kW
Ignition burner power consumption	P_{ign}	0	kW
Emission of Nitrogen Oxides	No _x	21,29	mg/kWh

Contact details Emas Makina Sanayi A.Ş. - Organize Sanayi Bölgesi III. Kısım Mustafa Kemal Bulvarı No:13 MANİSA 45030

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

All specific precautions for assembly, installation and maintenance and information relevant for dissassembly, recycling and/or disposal at end-of-life are described in the operating and installation instructions. Read and follow the operating and installation instructions.

For type B1 boiler and type B1 combination boiler:

^(*) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.

^(**) Low-temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).



(a)	Supplier's name or trademark		E.C.A.						
(b)	Supplier's model identifier		PROTEUS PREMIX PPR 30 HM						
(c)	Space heating: medium temperature application	YES	ES Water heating: declared load profile						
(d)	Seasonal space heating energy efficiency class	А	A Water heating energy efficiency class A						
	Rated heat output, including the rated heat output of any plementary heater	30,0	0 kW						
(£)	Space heating: annual energy consumption		kWh	and/ or	94	GJ			
(f)	Water heating: annual electricity and/ or fuel consumption		kWh	and/ or	18	GJ			
(g)	Seasonal space heating energy efficiency	92,0	%	Water heating energy efficiency	82,8	%			
(h)	Sound power level, indoors	49	dB(A)						
(i) hour	Combination heater is able to work only during off-peak	NO	•						
(j) Specific precautions for assembly, installation and maintenance All specific precautions for installation, assembly and maintanence are described in the installation and service manual.									

Product Information Req	uirements (accord	ling to EU reg	ulation No 813/2	2013)			
Model		PROTEUS	PREMIX PPI	R 30 HM			
condensing boiler		YES					
low temperature boiler**		YES					
B1 boiler		NO					
Cogeneration space heate	r	NO	If yes, equip	ped with a supplementary heater [Yes/No]			
Combination heater		YES			•		
Item	Symbol	Value	Unit	Item	Symb	ol V	alue
Rated heat output	Prated	30,0	kW	Seasonal space heating energy efficiency	η s	92,0	%
For boiler space heaters a output	nd boiler combina	tion heaters:	Useful heat	For boiler space heaters and boiler combination	heaters: Useful ef	ficiency	
At rated heat output and high-temperature regime (*) At 30 % of rated heat output	P4	30,0	kW	At rated heat output and high-temperature regime (*) At 30 % of rated heat output	η4	87,9	%
and low-temperature regime (**)	P 1	9,9	kW	and low-temperature regime (**)	η 1	97,0	%
				Supplementary heater			
				Rated heat output	P sup	0	kW
				Type of energy input			
Auxiliary electricity consum	nntion			Other items			

Auxiliary electricity consumption	on		
At full load elmax		0,056	kW
At part load elmin		0,013	kW
In standby mode	P_{SB}	0,004	kW

Other items			
Standby heat loss	P _{stby}	0,065	kW
Ignition burner power consumption	P _{ign}	0	kW
Emission of Nitrogen Oxides	No _x	28,82	mg/kWh

For combination heaters:	
Declared load profile	VI

Declared load profile		XL		Water heating energy efficiency
Daily electricity consumption	Q elec	0,240	kWh	Daily fuel consumption

Water heating energy efficiency	η_{wh}	82,8	%
Daily fuel consumption	Q_{fuel}	23,02	kWh

Contact details	Emas Makina Sanayi A.Ş Organize Sanayi Bölgesi III. Kısım Mustafa Kemal Bulvarı No:13 MANİSA 45030
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^(*) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.

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

All specific precautions for assembly, installation and maintenance and information relevant for dissassembly, recycling and/or disposal at end-of-life are described in the operating and installation instructions. Read and follow the operating and installation instructions.

For type B1 boiler and type B1 combination boiler:

^{(&}quot;") Low-temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).

(a) Supplier's name or trademark		E.C.A.					
(b) Supplier's model identifier		PROTEUS PREMIX PPR 30 HCH / PROTEUS PREMIX PPR 30 HST					
(c) Space heating: medium temperature application	YES	YES					
(d) Seasonal space heating energy efficiency class	А						
(e) Rated heat output, including the rated heat output of any supplementary heater	30,0	kW					
(f) Space heating: annual energy consumption		kWh	and/ or	94	GJ		
(g) Seasonal space heating energy efficiency	92,0	%					
(h) Sound power level, indoors	49	dB(A)					
(i) Combination heater is able to work only during off-peak hours	, INO						
(j) Specific precautions for assembly, installation and maintenance	All specific precautions for installation, assembly and maintanence are described in the installation and service manual.						

Product Information Requirements (according to EU regulation No 813/2013)

Model		PROTEUS	PREMIX PPI	R 30 HCH / PROTEUS PREMIX PPR 30	0 HST			
····		11101200	1					
condensing boiler		YES						
low temperature boil	er**	YES						
B1 boiler		NO						
Cogeneration space	heater	NO	If yes, equip	ped with a supplementary heater [Yes/l	No]			
Combination heater		NO			•			
Item	Symbol	Value	Unit	Item	S	ymbol	Value	Un
				Seasonal space heating		n.		

Item	Symbol	Value	Unit
Rated heat output	Prated	30,0	kW
For boiler space heaters output	and boiler combinat	ion heaters:	Useful heat
At rated heat output and high-temperature regime (*) At 30 % of rated heat output	P4	30,0	kW
and low-temperature regime (**)		9,9	kW

Seasonal space heating energy efficiency	ηs	92,0	%						
For boiler space heaters and boiler combination heaters: Useful efficiency									
At rated heat output and high-temperature regime (*) At 30 % of rated heat output	η4	87,9	%						
and low-temperature regime (**)	η1	97,0	%						
Supplementary heater									
Rated heat output	P sup	0	kW						
Type of energy input									

Auxiliary electricity consumption							
At full load elmax		0,056	kW				
At part load elmin		0,013	kW				
In standby mode	P _{SB}	0,004	kW				

Other items			
Standby heat loss	P_{stby}	0,065	kW
Ignition burner power consumption	P_{ign}	0	kW
Emission of Nitrogen Oxides	No _x	28,82	mg/kWh

Contact details Emas Makina Sanayi A.Ş. - Organize Sanayi Bölgesi III. Kısım Mustafa Kemal Bulvarı No:13 MANİSA 45030

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

All specific precautions for assembly, installation and maintenance and information relevant for dissassembly, recycling and/or disposal at end-of-life are described in the operating and installation instructions. Read and follow the operating and installation instructions.

For type B1 boiler and type B1 combination boiler:

^(*) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.

^(**) Low-temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).



	adot Frone (according to 20 regulation no 011/2010)						
(a)	Supplier's name or trademark	E.C.A.					
(b)	Supplier's model identifier			PROTEUS PREMIX PPR 35 HM	1		
(c)	Space heating: medium temperature application	YES	YES Water heating: declared load profile XL				
(d)	Seasonal space heating energy efficiency class	А	A Water heating energy efficiency class A				
(e) Rated heat output, including the rated heat output of any supplementary heater		35,0	kW	kW			
(f)	Space heating: annual energy consumption		kWh	and/ or	109	GJ	
(f)	Water heating: annual electricity and/ or fuel consumption		kWh	and/ or	18	GJ	
(g)	Seasonal space heating energy efficiency	92,9	%	Water heating energy efficiency	82,8	%	
(h)	Sound power level, indoors	49	dB(A)				
(i) hour	Combination heater is able to work only during off-peak	NO	•				
٠,		All specific precautions for installation, assembly and maintanence are described in the installation and service manual.					

Product Information Requ	irements (accord	ding to EU regi	ulation No 813/2	2013)			
Model		CALORA F	PREMIX 35 HI	М			
condensing boiler		YES					
low temperature boiler**		YES					
B1 boiler		NO					
Cogeneration space heater		NO	If yes, equip	ped with a supplementary heater [Yes/No]			
Combination heater		YES			•		
Item	Symbol	Value	Unit	Item	Symb	ool Va	lue U
Rated heat output	Prated	35,0	kW	Seasonal space heating energy efficiency	ηs	92,9	%
For boiler space heaters and output	d boiler combina	tion heaters:	Useful heat	For boiler space heaters and boiler combination heat	ers: Useful ef	ficiency	
At rated heat output and high-temperature regime (*) At 30 % of rated heat output	P 4	35,0	kW	At rated heat output and high-temperature regime (*) At 30 % of rated heat output	η 4	87,9	%
and low-temperature regime (**)	P 1	11,7	kW	and low-temperature regime (**)	η1	97,9	%
				Supplementary heater			
				Rated heat output	P sup	0	kW
				Type of energy input			
Auxiliary electricity consump	tion			Other items	•		
At full load elmax		0,066	kW	Standby heat loss	P _{stby}	0,065	kW
At part load elmin		0,013	kW	Ignition burner power consumption	P _{ign}	0	kW
In standby mode	P_{SB}	0,004	kW	Emission of Nitrogen Oxides	No _x	39,78	mg/kWh
For combination heaters	s:						
Declared load profile		XL		Water heating energy efficiency	η_{wh}	82,8	%
Daily electricity consumption	Q elec	0,240	kWh	Daily fuel consumption	Q_{fuel}	23,05	kWh

Contact details Emas Makina Sanayi A.Ş. - Organize Sanayi Bölgesi III. Kısım Mustafa Kemal Bulvarı No:13 MANİSA 45030

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

All specific precautions for assembly, installation and maintenance and information relevant for dissassembly, recycling and/or disposal at end-of-life are described in the operating and installation instructions. Read and follow the operating and installation instructions.

For type B1 boiler and type B1 combination boiler:

^(*) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.

^{(&}quot;") Low-temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).

(a) Supplier's name or trademark	E.C.A.					
(b) Supplier's model identifier		PROTEUS PREMIX PPR 35 HCH / PROTEUS PREMIX PPR 35 HST				
(c) Space heating: medium temperature application	YES					
(d) Seasonal space heating energy efficiency class	Α					
(e) Rated heat output, including the rated heat output of any supplementary heater	35,0	kW				
(f) Space heating: annual energy consumption		kWh	and/ or	109	GJ	
(g) Seasonal space heating energy efficiency	92,9	%				
(h) Sound power level, indoors	49	dB(A)				
(i) Combination heater is able to work only during off-peak hours	NO					
(j) Specific precautions for assembly, installation and maintenance	All specific precautions for installation, assembly and maintanence are described in the installation and service manual.					

Product Information Requirements (according to EU regulation No 813/2013)

Model		PROTEUS	ROTEUS PREMIX PPR 35 HCH / PROTEUS PREMIX PPR 35 HST				
condensing boiler		YES	1				
low temperature boil	ler**	YES					
B1 boiler		NO					
Cogeneration space	heater	NO	If yes, equip	ped with a supplementary heater [Yes/No]			
Combination heater		NO			•		
Item	Symbol	Value	Unit	Item	Symbol	Value	Un
				Seasonal space heating	ns		

Symbol	value	Unit
Prated	35,0	kW
and boiler combinati	ion heaters:	Useful heat
P4	35,0	kW
P ₁	11,7	kW
	Prated and boiler combinat	Prated 35,0 and boiler combination heaters: P4 35,0 P1

Seasonal space heating energy efficiency	ηs	92,9	%		
For boiler space heaters and boiler combination heaters: Useful efficiency					
At rated heat output and high-temperature regime (*) At 30 % of rated heat output	η4	87,9	%		
and low-temperature regime (**)	η1	97,9	%		
Supplementary heater					
Rated heat output	P sup	0	kW		
Type of energy input					

Auxiliary electricity consumption	n		
At full load elmax		0,066	kW
At part load elmin		0,013	kW
In standby mode	P _{SB}	0,004	kW

Other items			
Standby heat loss	P_{stby}	0,065	kW
Ignition burner power consumption	P_{ign}	0	kW
Emission of Nitrogen Oxides	No _x	39,78	mg/kWh

Contact details Emas Makina Sanayi A.Ş. - Organize Sanayi Bölgesi III. Kısım Mustafa Kemal Bulvarı No:13 MANİSA 45030

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

All specific precautions for assembly, installation and maintenance and information relevant for dissassembly, recycling and/or disposal at end-of-life are described in the operating and installation instructions. Read and follow the operating and installation instructions.

For type B1 boiler and type B1 combination boiler:

^(*) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.

^(**) Low-temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).

