Podaci toplotne pumpe prema Regulativi (EU) No.813/2013

Model:	☐	**LAFAT ECO LIFE 8.25**
Vrsta toplotne pumpe:	☐	**Zrak-voda toplotna pumpa**
Klima :	☐	**Prosječna**
Application temperature:	☐	**Primjena na niskim temperaturama**
Primijenjeni standardi:	☐	**EN 14825:2022; EN 12102-1:2022; EN 14511-4:2022**

Stavka	**Simbol**	**Vrijednost**	**Jedinica**
Dizajnirana izlazna snaga grijanja	$P_{designh}$	3.972	kW
Deklarisani kapacitet grijanja za djelimično opterećenje pri unutrašnjoj temperaturi 20 ^{0}C i vanjskoj temperaturi Tj			
Tj=-7 ^{0}C	P_{dh}	3.514	kW
Tj=+2 ^{0}C	P_{dh}	2.182	kW
Tj=+7 ^{0}C	P_{dh}	2.492	kW
Tj=+12 ^{0}C	P_{dh}	2.771	kW
Tj=za radnu graničnu temperaturu	P_{dh}	3.981	kW
Tj=za bivalentnu temperaturu	P_{dh}	3.514	kW
Tj=-15 ^{0}C (if TOL<-20 ^{0}C)	P_{dh}	-	kW
Bivalenta temperatura	T_{biv}	-7	^{0}C
Degradacijski koeficijent	C_{dh}	0.9	-
Potrošnja energije pri radu koji se ne smatra aktivnim			
Off mode	P_{off}	0.013	kW
Termostat-off mode	P_{TO}	0.013	kW
Standby mode	P_{SB}	0.013	kW
Crankcase heater mode	P_{CK}	0.043	kW

Ostale stavke			
Kontrola kapaciteta	Varijabilna		
Nivo zvučne snage	Lwa	-/63	dB
Godišnja potrošnja energije	Qhe	1837	kWh/y

Stavka	**Simbol**	**Vrijednost**	**Jed.**
Energetska efikasnost sezonskog grijanja Klasa energetske efikasnosti	η_s	175.7 A+++	%
Deklarisani koeficijent performansi ili omjer primarne energije za djelimično opterećenje i unutarnju temperaturu 20 ^{0}C i vanjsku temperaturu Tj			
Tj=-7 ^{0}C	COP_d	3.11	-
Tj=+2 ^{0}C	COP_d	4.19	-
Tj=+7 ^{0}C	COP_d	5.71	-
Tj=+12 ^{0}C	COP_d	7.64	-
Tj= za radnu graničnu temperaturu	COP_d	2.82	-
Tj=za bivalentnu temperaturu	COP_d	3.11	-
Tj=-15 ^{0}C (if TOL<-20 ^{0}C)	COP_d	-	-
Radna granična temperatura	TOL	-10	^{0}C
Radna temperatura vode za grijanje	WTOL	35	^{0}C
Dodatni grijač			
Nazivna toplotna snaga	Psup	-	kW
Vrsta ulazne energije	-		

Ostale stavke			
Nazivni protok vazduha, na otvorenom			
Nazivni protok vode, vanjski izmjenjivač topline		-	

- Za grijače prostora sa toplotnom pumpom, nazivni toplotni učinak Prated jednak je projektovanom opterećenju za grijanje Pdesignh.

Podaci toplotne pumpe prema Regulativi (EU) No.813/2013

Model:	◘	**LAFAT ECO LIFE 8.25**
Vrsta toplotne pumpe:	◘	**Zrak-voda toplotna pumpa**
Klima :	◘	**Prosječna**
Application temperature:	◘	**Primjena na srednjim temperaturama**
Primijenjeni standardi:	◘	**EN 14825:2022; EN 12102-1:2022; EN 14511-4:2022**

Stavka	**Simbol**	**Vrijednost**	**Jedinica**
Dizajnirana izlazna snaga grijanja	$P_{designh}$	4.213	kW
Deklarisani kapacitet grijanja za djelimično opterećenje pri unutrašnjoj temperaturi 20 ^{0}C i vanjskoj temperaturi Tj			
Tj=-7 ^{0}C	P_{dh}	3.727	kW
Tj=+2 ^{0}C	P_{dh}	2.308	kW
Tj=+7 ^{0}C	P_{dh}	2.137	kW
Tj=+12 ^{0}C	P_{dh}	2.664	kW
Tj=za radnu graničnu temperaturu	P_{dh}	4.250	kW
Tj=za bivalentnu temperaturu	P_{dh}	3.727	kW
Tj=-15 ^{0}C (if TOL<-20 ^{0}C)	P_{dh}	-	kW
Bivalenta temperatura	T_{biv}	-7	^{0}C
Degradacijski koeficijent	C_{dh}	0.9	-
Potrošnja energije pri radu koji se ne smatra aktivnim			
Off mode	P_{off}	0.013	kW
Termostat-off mode	P_{TO}	0.013	kW
Standby mode	P_{SB}	0.013	kW
Crankcase heater mode	P_{CK}	0.043	kW

Stavka	**Simbol**	**Vrijednost**	**Jed.**
Energetska efikasnost sezonskog grijanja Klasa energetske efikasnosti	η_s	121.8 A+	%
Deklarisani koeficijent performansi ili omjer primarne energije za djelimično opterećenje i unutarnju temperaturu 20 ^{0}C i vanjsku temperaturu Tj			
Tj=-7 ^{0}C	COP_d	2.11	-
Tj=+2 ^{0}C	COP_d	3.00	-
Tj=+7 ^{0}C	COP_d	3.79	-
Tj=+12 ^{0}C	COP_d	5.62	-
Tj= za radnu graničnu temperaturu	COP_d	1.88	-
Tj=za bivalentnu temperaturu	COP_d	2.11	-
Tj=-15 ^{0}C (if TOL<-20 ^{0}C)	COP_d	-	-
Radna granična temperatura	TOL	-10	^{0}C
Radna temperatura vode za grijanje	WTOL	55	^{0}C
Dodatni grijač			
Nazivna toplotna snaga	Psup	-	kW
Vrsta ulazne energije	-		

Ostale stavke			
Kontrola kapaciteta	Varijabilna		
Nivo zvučne snage	Lwa	-/64	dB
Godišnja potrošnja energije	Qhe	2790	kWh/y

Ostale stavke			
Nazivni protok vazduha, na otvorenom			
Nazivni protok vode, vanjski izmjenjivač topline		-	

- Za grijače prostora sa toplotnom pumpom, nazivni toplotni učinak Prated jednak je projektovanom opterećenju za grijanje Pdesignh.

Kontakt informacije	OX int	**Oxint d.o.o Tuzla** **Simin Han ,ul. III Tuzlanske brigade br.38** **75 000 Tuzla**

Izrađeno u skladu sa ErP testom no:64.181.23.01502.01

Podaci toplotne pumpe prema Regulativi (EU) No.813/2013

Model:	◘	**LAFAT ECO LIFE 10**
Vrsta toplotne pumpe:	◘	**Zrak-voda toplotna pumpa**
Klima :	◘	**Prosječna**
Application temperature:	◘	**Primjena na niskim temperaturama**
Primijenjeni standardi:	◘	**EN 14825:2022; EN 12102-1:2022; EN 14511-4:2022**

Stavka	**Simbol**	**Vrijednost**	**Jedinica**
Dizajnirana izlazna snaga grijanja	$P_{designh}$	7.752	kW
Deklarisani kapacitet grijanja za djelimično opterećenje pri unutrašnjoj temperaturi 20 ^{0}C i vanjskoj temperaturi Tj			
Tj=-7 ^{0}C	P_{dh}	6.857	kW
Tj=+2 ^{0}C	P_{dh}	4.195	kW
Tj=+7 ^{0}C	P_{dh}	2.723	kW
Tj=+12 ^{0}C	P_{dh}	3.006	kW
Tj=za radnu graničnu temperaturu	P_{dh}	7.776	kW
Tj=za bivalentnu temperaturu	P_{dh}	6.857	kW
Tj=-15 ^{0}C (if TOL<-20 ^{0}C)	P_{dh}	-	kW
Bivalenta temperatura	T_{biv}	-7	^{0}C
Degradacijski koeficijent	C_{dh}	0.9	-
Potrošnja energije pri radu koji se ne smatra aktivnim			
Off mode	P_{off}	0.013	kW
Termostat-off mode	P_{TO}	0.013	kW
Standby mode	P_{SB}	0.013	kW
Grijač kompresora	P_{CK}	0.053	kW

Ostale stavke			
Kontrola kapaciteta	Varijabilna		
Nivo zvučne snage	Lwa	-/64	dB
Godišnja potrošnja energije	Qhe	3824	kWh/y

Stavka	**Simbol**	**Vrijednost**	**Jed.**
Energetska efikasnost sezonskog grijanja Klasa energetske efikasnosti	η_s	164.5 A++	%
Deklarisani koeficijent performansi ili omjer primarne energije za djelimično opterećenje i unutarnju temperaturu 20 ^{0}C i vanjsku temperaturu Tj			
Tj=-7 ^{0}C	COP_d	2.98	-
Tj=+2 ^{0}C	COP_d	3.87	-
Tj=+7 ^{0}C	COP_d	5.33	-
Tj=+12 ^{0}C	COP_d	7.38	-
Tj= za radnu graničnu temperaturu	COP_d	2.53	-
Tj=za bivalentnu temperaturu	COP_d	2.98	-
Tj=-15 ^{0}C (if TOL<-20 ^{0}C)	COP_d	-	-
Radna granična temperatura	TOL	-10	^{0}C
Radna temperatura vode za grijanje	WTOL	35	^{0}C
Dodatni grijač			
Nazivna toplotna snaga	Psup	-	kW
Vrsta ulazne energije	-		

Ostale stavke			
Nazivni protok vazduha, na otvorenom			
Nazivni protok vode, vanjski izmjenjivač topline		-	

- Za grijače prostora sa toplotnom pumpom, nazivni toplotni učinak Prated jednak je projektovanom opterećenju za grijanje Pdesignh.

Podaci toplotne pumpe prema Regulativi (EU) No.813/2013

Model:	☐	**LAFAT ECO LIFE 10**
Vrsta toplotne pumpe:	☐	**Zrak-voda toplotna pumpa**
Klima :	☐	**Prosječna**
Application temperature:	☐	**Primjena na srednjim temperaturama**
Primijenjeni standardi:	☐	**EN 14825:2022; EN 12102-1:2022; EN 14511-4:2022**

Stavka	Simbol	Vrijednost	Jedinica
Dizajnirana izlazna snaga grijanja	$P_{designh}$	8.018	kW
Deklarisani kapacitet grijanja za djelimično opterećenje pri unutrašnjoj temperaturi 20 ^{0}C i vanjskoj temperaturi Tj			
Tj=-7 ^{0}C	P_{dh}	7.093	kW
Tj=+2 ^{0}C	P_{dh}	4.408	kW
Tj=+7 ^{0}C	P_{dh}	4.541	kW
Tj=+12 ^{0}C	P_{dh}	4.828	kW
Tj=za radnu graničnu temperaturu	P_{dh}	6.265	kW
Tj=za bivalentnu temperaturu	P_{dh}	7.093	kW
Tj=-15 ^{0}C (if TOL<-20 ^{0}C)	P_{dh}	-	kW
Bivalenta temperatura	T_{biv}	-7	^{0}C
Degradacijski koeficijent	C_{dh}	0.9	-
Potrošnja energije pri radu koji se ne smatra aktivnim			
Off mode	P_{off}	0.060	kW
Termostat-off mode	P_{TO}	0.060	kW
Standby mode	P_{SB}	0.060	kW
Grijač kompresora	P_{CK}	0.069	kW

Ostale stavke			
Kontrola kapaciteta	Varijabilna		
Nivo zvučne snage	Lwa	-/65	dB
Godišnja potrošnja energije	Qhe	5172	kWh/y

Stavka	Simbol	Vrijednost	Jed.
Energetska efikasnost sezonskog grijanja Klasa energetske efikasnosti	η_s	125.1 A++	%
Deklarisani koeficijent performansi ili omjer primarne energije za djelimično opterećenje i unutarnju temperaturu 20 ^{0}C i vanjsku temperaturu Tj			
Tj=-7 ^{0}C	COP_d	2.18	-
Tj=+2 ^{0}C	COP_d	3.05	-
Tj=+7 ^{0}C	COP_d	4.16	-
Tj=+12 ^{0}C	COP_d	5.38	-
Tj= za radnu graničnu temperaturu	COP_d	1.67	-
Tj=za bivalentnu temperaturu	COP_d	2.18	-
Tj=-15 ^{0}C (if TOL<-20 ^{0}C)	COP_d	-	-
Radna granična temperatura	TOL	-10	^{0}C
Radna temperatura vode za grijanje	WTOL	55	^{0}C
Dodatni grijač			
Nazivna toplotna snaga	Psup	-	kW
Vrsta ulazne energije	-		

Ostale stavke			
Nazivni protok vazduha, na otvorenom			
Nazivni protok vode, vanjski izmjenjivač topline		-	

- Za grijače prostora sa toplotnom pumpom, nazivni toplotni učinak Prated jednak je projektovanom opterećenju za grijanje Pdesignh.

Kontakt informacije	OX int	**Oxint d.o.o Tuzla** **Simin Han ,ul. III Tuzlanske brigade br.38** **75 000 Tuzla**

Podaci toplotne pumpe prema Regulativi (EU) No.813/2013

Model:	☐	**LAFAT ECO LIFE 12.5T**
Vrsta toplotne pumpe:	☐	**Zrak-voda toplotna pumpa**
Klima :	☐	**Prosječna**
Application temperature:	☐	**Primjena na niskim temperaturama**
Primijenjeni standardi:	☐	**EN 14825:2022; EN 12102-1:2022; EN 14511-4:2022**

Stavka	**Simbol**	**Vrijednost**	**Jedinica**
Dizajnirana izlazna snaga grijanja	$P_{designh}$	7.788	kW
Deklarisani kapacitet grijanja za djelimično opterećenje pri unutrašnjoj temperaturi 20 ^{0}C i vanjskoj temperaturi Tj			
Tj=-7 ^{0}C	P_{dh}	6.890	kW
Tj=+2 ^{0}C	P_{dh}	4.237	kW
Tj=+7 ^{0}C	P_{dh}	4.291	kW
Tj=+12 ^{0}C	P_{dh}	4.356	kW
Tj=za radnu graničnu temperaturu	P_{dh}	7.726	kW
Tj=za bivalentnu temperaturu	P_{dh}	6.890	kW
Tj=-15 ^{0}C (if TOL<-20 ^{0}C)	P_{dh}	-	kW
Bivalenta temperatura	T_{biv}	-7	^{0}C
Degradacijski koeficijent	C_{dh}	0.9	-
Potrošnja energije pri radu koji se ne smatra aktivnim			
Off mode	P_{off}	0.019	kW
Termostat-off mode	P_{TO}	0.019	kW
Standby mode	P_{SB}	0.019	kW
Grijač kompresora	P_{CK}	0.059	kW

Ostale stavke			
Kontrola kapaciteta	Varijabilna		
Nivo zvučne snage	Lwa	-/65	dB
Godišnja potrošnja energije	Qhe	3979	kWh/y

Stavka	**Simbol**	**Vrijednost**	**Jed.**
Energetska efikasnost sezonskog grijanja Klasa energetske efikasnosti	η_s	158.8 A++	%
Deklarisani koeficijent performansi ili omjer primarne energije za djelimično opterećenje i unutarnju temperaturu 20 ^{0}C i vanjsku temperaturu Tj			
Tj=-7 ^{0}C	COP_d	2.98	-
Tj=+2 ^{0}C	COP_d	3.72	-
Tj=+7 ^{0}C	COP_d	5.36	-
Tj=+12 ^{0}C	COP_d	5.82	-
Tj= za radnu graničnu temperaturu	COP_d	2.59	-
Tj=za bivalentnu temperaturu	COP_d	2.98	-
Tj=-15 ^{0}C (if TOL<-20 ^{0}C)	COP_d	-	-
Radna granična temperatura	TOL	-10	^{0}C
Radna temperatura vode za grijanje	WTOL	35	^{0}C
Dodatni grijač			
Nazivna toplotna snaga	Psup	-	kW
Vrsta ulazne energije	-		

Ostale stavke			
Nazivni protok vazduha, na otvorenom			
Nazivni protok vode, vanjski izmjenjivač topline		-	

- Za grijače prostora sa toplotnom pumpom, nazivni toplotni učinak Prated jednak je projektovanom opterećenju za grijanje Pdesignh.

Podaci toplotne pumpe prema Regulativi (EU) No.813/2013

Model:	◘	**LAFAT ECO LIFE 12.5T**
Vrsta toplotne pumpe:	◘	**Zrak-voda toplotna pumpa**
Klima :	◘	**Prosječna**
Application temperature:	◘	**Primjena na srednjim temperaturama**
Primijenjeni standardi:	◘	**EN 14825:2022; EN 12102-1:2022; EN 14511-4:2022**

Stavka	Simbol	Vrijednost	Jedinica
Dizajnirana izlazna snaga grijanja	$P_{designh}$	7.907	kW
Deklarisani kapacitet grijanja za djelimično opterećenje pri unutrašnjoj temperaturi 20 ^{0}C i vanjskoj temperaturi Tj			
Tj=-7 ^{0}C	P_{dh}	6.995	kW
Tj=+2 ^{0}C	P_{dh}	4.281	kW
Tj=+7 ^{0}C	P_{dh}	4.075	kW
Tj=+12 ^{0}C	P_{dh}	4.728	kW
Tj=za radnu graničnu temperaturu	P_{dh}	7.921	kW
Tj=za bivalentnu temperaturu	P_{dh}	6.995	kW
Tj=-15 ^{0}C (if TOL<-20 ^{0}C)	P_{dh}	-	kW
Bivalenta temperatura	T_{biv}	-7	^{0}C
Degradacijski koeficijent	C_{dh}	0.9	-
Potrošnja energije pri radu koji se ne smatra aktivnim			
Off mode	P_{off}	0.019	kW
Termostat-off mode	P_{TO}	0.019	kW
Standby mode	P_{SB}	0.019	kW
Grijač kompresora	P_{CK}	0.059	kW

Ostale stavke			
Kontrola kapaciteta	Varijabilna		
Nivo zvučne snage	Lwa	-/65	dB
Godišnja potrošnja energije	Qhe	5106	kWh/y

Stavka	Simbol	Vrijednost	Jed.
Energetska efikasnost sezonskog grijanja Klasa energetske efikasnosti	η_s	125.0 A++	%
Deklarisani koeficijent performansi ili omjer primarne energije za djelimično opterećenje i unutarnju temperaturu 20 ^{0}C i vanjsku temperaturu Tj			
Tj=-7 ^{0}C	COP_d	2.20	-
Tj=+2 ^{0}C	COP_d	2.94	-
Tj=+7 ^{0}C	COP_d	4.18	-
Tj=+12 ^{0}C	COP_d	5.84	-
Tj= za radnu graničnu temperaturu	COP_d	1.94	-
Tj=za bivalentnu temperaturu	COP_d	2.22	-
Tj=-15 ^{0}C (if TOL<-20 ^{0}C)	COP_d	-	-
Radna granična temperatura	TOL	-10	^{0}C
Radna temperatura vode za grijanje	WTOL	55	^{0}C
Dodatni grijač			
Nazivna toplotna snaga	Psup	-	kW
Vrsta ulazne energije	-		

Ostale stavke			
Nazivni protok vazduha, na otvorenom			
Nazivni protok vode, vanjski izmjenjivač topline		-	

- Za grijače prostora sa toplotnom pumpom, nazivni toplotni učinak Prated jednak je projektovanom opterećenju za grijanje Pdesignh.

Kontakt informacije	OX int	**Oxint d.o.o Tuzla** **Simin Han ,ul. III Tuzlanske brigade br.38** **75 000 Tuzla**

Podaci toplotne pumpe prema Regulativi (EU) No.813/2013

Model:	☐	**LAFAT ECO LIFE 20**
Vrsta toplotne pumpe:	☐	**Zrak-voda toplotna pumpa**
Klima :	☐	**Prosječna**
Application temperature:	☐	**Primjena na niskim temperaturama**
Primijenjeni standardi:	☐	**EN 14825:2022; EN 12102-1:2022; EN 14511-4:2022**

Stavka	**Simbol**	**Vrijednost**	**Jedinica**
Dizajnirana izlazna snaga grijanja	$P_{designh}$	12.607	kW
Deklarisani kapacitet grijanja za djelimično opterećenje pri unutrašnjoj temperaturi 20 ^{0}C i vanjskoj temperaturi Tj			
Tj=-7 ^{0}C	P_{dh}	11.152	kW
Tj=+2 ^{0}C	P_{dh}	6.817	kW
Tj=+7 ^{0}C	P_{dh}	5.897	kW
Tj=+12 ^{0}C	P_{dh}	6.354	kW
Tj=za radnu graničnu temperaturu	P_{dh}	12.655	kW
Tj=za bivalentnu temperaturu	P_{dh}	11.152	kW
Tj=-15 ^{0}C (if TOL<-20 ^{0}C)	P_{dh}	-	kW
Bivalenta temperatura	T_{biv}	-7	^{0}C
Degradacijski koeficijent	C_{dh}	0.9	-
Potrošnja energije pri radu koji se ne smatra aktivnim			
Off mode	P_{off}	0.019	kW
Termostat-off mode	P_{TO}	0.019	kW
Standby mode	P_{SB}	0.019	kW
Grijač kompresora	P_{CK}	0.059	kW

Ostale stavke			
Kontrola kapaciteta	Varijabilna		
Nivo zvučne snage	Lwa	-/69	dB
Godišnja potrošnja energije	Qhe	6512	kWh/y

Stavka	**Simbol**	**Vrijednost**	**Jed.**
Energetska efikasnost sezonskog grijanja Klasa energetske efikasnosti	η_s	157 A++	%
Deklarisani koeficijent performansi ili omjer primarne energije za djelimično opterećenje i unutarnju temperaturu 20 ^{0}C i vanjsku temperaturu Tj			
Tj=-7 ^{0}C	COP_d	3.01	-
Tj=+2 ^{0}C	COP_d	3.67	-
Tj=+7 ^{0}C	COP_d	4.99	-
Tj=+12 ^{0}C	COP_d	6.50	-
Tj= za radnu graničnu temperaturu	COP_d	2.83	-
Tj=za bivalentnu temperaturu	COP_d	3.01	-
Tj=-15 ^{0}C (if TOL<-20 ^{0}C)	COP_d	-	-
Radna granična temperatura	TOL	-10	^{0}C
Radna temperatura vode za grijanje	WTOL	35	^{0}C
Dodatni grijač			
Nazivna toplotna snaga	Psup	-	kW
Vrsta ulazne energije		-	

Ostale stavke			
Nazivni protok vazduha, na otvorenom			
Nazivni protok vode, vanjski izmjenjivač topline		-	

- Za grijače prostora sa toplotnom pumpom, nazivni toplotni učinak Prated jednak je projektovanom opterećenju za grijanje Pdesignh.

Podaci toplotne pumpe prema Regulativi (EU) No.813/2013

Model:	☐	**LAFAT ECO LIFE 20**
Vrsta toplotne pumpe:	☐	**Zrak-voda toplotna pumpa**
Klima :	☐	**Prosječna**
Aplikaciona temperatura:	☐	**Primjena na srednjim temperaturama**
Primijenjeni standardi:	☐	**EN 14825:2022; EN 12102-1:2022; EN 14511-4:2022**

Stavka	**Oznaka**	**Vrijednost**	**Jedinica**
Dizajnirana izlazna snaga grijanja	$P_{designh}$	12.671	kW
Deklarisani kapacitet grijanja za djelimično opterećenje pri unutrašnjoj temperaturi 20 ^{0}C i vanjskoj temperaturi Tj			
Tj=-7 ^{0}C	P_{dh}	11.209	kW
Tj=+2 ^{0}C	P_{dh}	6.909	kW
Tj=+7 ^{0}C	P_{dh}	7.089	kW
Tj=+12 ^{0}C	P_{dh}	7.155	kW
Tj=za radnu graničnu temperaturu	P_{dh}	12.322	kW
Tj=za bivalentnu temperaturu	P_{dh}	11.209	kW
Tj=-15 ^{0}C (if TOL<-20 ^{0}C)	P_{dh}	-	kW
Bivalenta temperatura	T_{biv}	-7	^{0}C
Degradacijski koeficijent	C_{dh}	0.9	-
Potrošnja energije pri radu koji se ne smatra aktivnim			
Off mode	P_{off}	0.019	kW
Termostat-off mode	P_{TO}	0.019	kW
Standby mode	P_{SB}	0.019	kW
Grijač kompresora	P_{CK}	0.059	kW

Stavka	**Oznaka**	**Vrijednost**	**Jed.**
Energetska efikasnost sezonskog grijanja Klasa energetske efikasnosti	η_s	125.6 A++	%
Deklarisani koeficijent performansi ili omjer primarne energije za djelimično opterećenje i unutarnju temperaturu 20 ^{0}C i vanjsku temperaturu Tj			
Tj=-7 ^{0}C	COP_d	2.27	-
Tj=+2 ^{0}C	COP_d	2.81	-
Tj=+7 ^{0}C	COP_d	4.63	-
Tj=+12 ^{0}C	COP_d	5.76	-
Tj= za radnu graničnu temperaturu	COP_d	1.85	-
Tj=za bivalentnu temperaturu	COP_d	2.27	-
Tj=-15 ^{0}C (if TOL<-20 ^{0}C)	COP_d	-	-
Radna granična temperatura	TOL	-10	^{0}C
Radna temperatura vode za grijanje	WTOL	55	^{0}C
Dodatni grijač			
Nazivna toplotna snaga	Psup	-	kW
Vrsta ulazne energije		-	

Ostale stavke			
Kontrola kapaciteta	Varijabilna		
Nivo zvučne snage	Lwa	-/70	dB
Godišnja potrošnja energije	Qhe	8144	kWh/y

Ostale stavke			
Nazivni protok vazduha, na otvorenom			
Nazivni protok vode, vanjski izmjenjivač topline		-	

- Za grijače prostora sa toplotnom pumpom, nazivni toplotni učinak Prated jednak je projektovanom opterećenju za grijanje Pdesignh.

Kontakt informacije	OX int	**Oxint d.o.o Tuzla** **Simin Han ,ul. III Tuzlanske brigade br.38** **75 000 Tuzla**

Podaci toplotne pumpe prema Regulativi (EU) No.813/2013

Model:	◘	**LAFAT ECO LIFE 25T**
Vrsta toplotne pumpe:	◘	**Zrak-voda toplotna pumpa**
Klima :	◘	**Prosječna**
Application temperature:	◘	**Primjena na niskim temperaturama**
Primijenjeni standardi:	◘	**EN 14825:2022; EN 12102-1:2022; EN 14511-4:2022**

Stavka	**Simbol**	**Vrijednost**	**Jedinica**
Dizajnirana izlazna snaga grijanja	$P_{designh}$	18.039	kW
Deklarisani kapacitet grijanja za djelimično opterećenje pri unutrašnjoj temperaturi 20 ^{0}C i vanjskoj temperaturi Tj			
Tj=-7 ^{0}C	P_{dh}	15.957	kW
Tj=+2 ^{0}C	P_{dh}	9.857	kW
Tj=+7 ^{0}C	P_{dh}	9.661	kW
Tj=+12 ^{0}C	P_{dh}	11.441	kW
Tj=za radnu graničnu temperaturu	P_{dh}	18.129	kW
Tj=za bivalentnu temperaturu	P_{dh}	15.957	kW
Tj=-15 ^{0}C (if TOL<-20 ^{0}C)	P_{dh}	-	kW
Bivalenta temperatura	T_{biv}	-7	^{0}C
Degradacijski koeficijent	C_{dh}	0.9	-
Potrošnja energije pri radu koji se ne smatra aktivnim			
Off mode	P_{off}	0.025	kW
Termostat-off mode	P_{TO}	0.025	kW
Standby mode	P_{SB}	0.025	kW
Grijač kompresora	P_{CK}	0.059	kW

Stavka	**Simbol**	**Vrijednost**	**Jed.**
Energetska efikasnost sezonskog grijanja Klasa energetske efikasnosti	η_s	161.2 A++	%
Deklarisani koeficijent performansi ili omjer primarne energije za djelimično opterećenje i unutarnju temperaturu 20 ^{0}C i vanjsku temperaturu Tj			
Tj=-7 ^{0}C	COP_d	2.93	-
Tj=+2 ^{0}C	COP_d	3.94	-
Tj=+7 ^{0}C	COP_d	4.93	-
Tj=+12 ^{0}C	COP_d	6.57	-
Tj= za radnu graničnu temperaturu	COP_d	2.53	-
Tj=za bivalentnu temperaturu	COP_d	2.93	-
Tj=-15 ^{0}C (if TOL<-20 ^{0}C)	COP_d	-	-
Radna granična temperatura	TOL	-10	^{0}C
Radna temperatura vode za grijanje	WTOL	35	^{0}C
Dodatni grijač			
Nazivna toplotna snaga	Psup	-	kW
Vrsta ulazne energije		-	

Ostale stavke			
Kontrola kapaciteta	Varijabilna		
Nivo zvučne snage	Lwa	-/70	dB
Godišnja potrošnja energije	Qhe	9081	kWh/y

Ostale stavke			
Nazivni protok vazduha, na otvorenom			
Nazivni protok vode, vanjski izmjenjivač topline		-	

- Za grijače prostora sa toplotnom pumpom, nazivni toplotni učinak Prated jednak je projektovanom opterećenju za grijanje Pdesignh.

Podaci toplotne pumpe prema Regulativi (EU) No.813/2013

Model:	☐	**LAFAT ECO LIFE 25T**
Vrsta toplotne pumpe:	☐	**Zrak-voda toplotna pumpa**
Klima :	☐	**Prosječna**
Application temperature:	☐	**Primjena na srednjim temperaturama**
Primijenjeni standardi:	☐	**EN 14825:2022; EN 12102-1:2022; EN 14511-4:2022**

Stavka	Simbol	Vrijednost	Jedinica
Dizajnirana izlazna snaga grijanja	$P_{designh}$	18.187	kW
Deklarisani kapacitet grijanja za djelimično opterećenje pri unutrašnjoj temperaturi 20 ^{0}C i vanjskoj temperaturi Tj			
Tj=-7 ^{0}C	P_{dh}	16.089	kW
Tj=+2 ^{0}C	P_{dh}	9.806	kW
Tj=+7 ^{0}C	P_{dh}	9.607	kW
Tj=+12 ^{0}C	P_{dh}	11.141	kW
Tj=za radnu graničnu temperaturu	P_{dh}	18,180	kW
Tj=za bivalentnu temperaturu	P_{dh}	16,089	kW
Tj=-15 ^{0}C (if TOL<-20 ^{0}C)	P_{dh}	-	kW
Bivalenta temperatura	T_{biv}	-7	^{0}C
Degradacijski koeficijent	C_{dh}	0.9	-
Potrošnja energije pri radu koji se ne smatra aktivnim			
Off mode	P_{off}	0.025	kW
Termostat-off mode	P_{TO}	0.025	kW
Standby mode	P_{SB}	0.025	kW
Grijač kompresora	P_{CK}	0.059	kW

Ostale stavke			
Kontrola kapaciteta	Varijabilna		
Nivo zvučne snage	Lwa	-/71	dB
Godišnja potrošnja energije	Qhe	12100	kWh/y

Stavka	Simbol	Vrijednost	Jed.
Energetska efikasnost sezonskog grijanja Klasa energetske efikasnosti	η_s	121,2 A+	%
Deklarisani koeficijent performansi ili omjer primarne energije za djelimično opterećenje i unutarnju temperaturu 20 ^{0}C i vanjsku temperaturu Tj			
Tj=-7 ^{0}C	COP_d	2,07	-
Tj=+2 ^{0}C	COP_d	3,02	-
Tj=+7 ^{0}C	COP_d	3,76	-
Tj=+12 ^{0}C	COP_d	5.13	-
Tj= za radnu graničnu temperaturu	COP_d	1.94	-
Tj=za bivalentnu temperaturu	COP_d	2.07	-
Tj=-15 ^{0}C (if TOL<-20 ^{0}C)	COP_d	-	-
Radna granična temperatura	TOL	-10	^{0}C
Radna temperatura vode za grijanje	WTOL	55	^{0}C
Dodatni grijač			
Nazivna toplotna snaga	Psup	-	kW
Vrsta ulazne energije	-		

Ostale stavke			
Nazivni protok vazduha, na otvorenom			
Nazivni protok vode, vanjski izmjenjivač topline		-	

- Za grijače prostora sa toplotnom pumpom, nazivni toplotni učinak Prated jednak je projektovanom opterećenju za grijanje Pdesignh.

Kontakt informacije	OX int	**Oxint d.o.o Tuzla** **Simin Han ,ul. III Tuzlanske brigade br.38** **75 000 Tuzla**

Izrađeno u skladu sa ErP testom no: ***B4.181.23.01511.01***

ATTESTATION ◆ ATTESTATO ◆ ATESTACIÓN ◆ BESCHEINIGUNG ◆ ATTESTATION

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Attestation of Conformity

No. E8A 119994 0008 Rev. 00

Holder of Attestation:	**OXint d.o.o.** III Tuzlanske brigade br.38 75000 Tuzla BOSNIA AND HERZEGOVINA
Name of Object:	**Heat pumps** **(INTELLIGENT INVERTER HEAT PUMP)**
Model(s):	**LAFAT ECO LIFE 6, LAFAT ECO LIFE 10**
Description of Object:	Rated voltage: 220-240V~ Rated frequency: 50 Hz Rated power/current: LAFAT ECO LIFE 6: 2900W/13,0A, LAFAT ECO LIFE 10: 4640W/21,5A Protection class: I
Tested according to:	EN IEC 55014-1:2021 EN IEC 55014-2:2021 EN IEC 61000-3-2:2019/A1:2021 EN 61000-3-3:2013/A2:2021 EN IEC 61000-3-11:2019 EN 61000-3-12:2011

This Attestation of Conformity is issued on a voluntary basis according to the Directive 2014/30/EU relating to electromagnetic compatibility. It confirms that the listed apparatus complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for conformity assessment. For details see: www.tuvsud.com/ps-cert

Test report no.: 64711200290902C

Date, 2024-03-07

(Mike Zhuo)

This Attestation does not replace the regulatory EU Declaration of Conformity (DoC) and does not allow for CE marking. After preparation of the necessary documentation and establishing compliance to requirements of all applicable directives, the manufacturer may sign a DoC and apply the CE marking. The DoC is issued under the sole responsibility of the manufacturer.

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Attestation of Conformity

No. E8A 119994 0004 Rev. 00

Holder of Attestation:	**OXint d.o.o.** III Tuzlanske brigade br.38 75000 Tuzla BOSNIA AND HERZEGOVINA
Name of Object:	**Heat pump** **(INTELLIGENT INVERTER HEAT PUMP)**
Model(s):	**Lafat Eco Life 12.5T,** **Lafat Eco Life 20T**
Description of Object:	Rated voltage: 380-415V 3N~ Rated frequency: 50Hz Rated power/current: P10T: 4640W/7.6A, P17T: 7200W/12.0A Protection class: I
Tested according to:	EN IEC 55014-1:2021 EN IEC 55014-2:2021 EN IEC 61000-3-2:2019/A1:2021 EN 61000-3-3:2013/A2:2021

This Attestation of Conformity is issued on a voluntary basis according to the Directive 2014/30/EU relating to electromagnetic compatibility. It confirms that the listed apparatus complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for conformity assessment. For details see: www.tuvsud.com/ps-cert

Test report no.: 64711200291102A

Date, 2023-02-28

(Mike Zhuo)

This Attestation does not replace the regulatory EU Declaration of Conformity (DoC) and does not allow for CE marking. After preparation of the necessary documentation and establishing compliance to requirements of all applicable directives, the manufacturer may sign a DoC and apply the CE marking. The DoC is issued under the sole responsibility of the manufacturer.

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Attestation of Conformity

No. E8A 119994 0007 Rev. 00

Holder of Attestation:	**OXint d.o.o.** III Tuzlanske brigade br.38 75000 Tuzla BOSNIA AND HERZEGOVINA
Name of Object:	**Heat pumps** **(INTELLIGENT INVERTER HEAT PUMP)**
Model(s):	**Lafat Eco Life 25T**
Description of Object:	Rated voltage: Indoor unit: 380-415V, 3N~, outdoor unit: 220-240V Rated frequency: 50Hz Rated power/current input: 12800W/20,5A Protection class: Class I
Tested according to:	EN IEC 55014-1:2021 EN IEC 55014-2:2021 EN IEC 61000-3-2:2019/A1:2021 EN 61000-3-3:2013/A2:2021

This Attestation of Conformity is issued on a voluntary basis according to the Directive 2014/30/EU relating to electromagnetic compatibility. It confirms that the listed apparatus complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for conformity assessment. For details see: www.tuvsud.com/ps-cert

Test report no.: 64711230051401A

Date, 2024-02-27

(Mike Zhuo)

This Attestation does not replace the regulatory EU Declaration of Conformity (DoC) and does not allow for CE marking. After preparation of the necessary documentation and establishing compliance to requirements of all applicable directives, the manufacturer may sign a DoC and apply the CE marking. The DoC is issued under the sole responsibility of the manufacturer.

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Attestation of Conformity

No. E8A 119994 0003 Rev. 00

Holder of Attestation: **OXint d.o.o.**
III Tuzlanske brigade br.38
75000 Tuzla
BOSNIA AND HERZEGOVINA

Name of Object: **Heat pumps (INTELLIGENT INVERTER HEAT PUMP)**

Model(s): **Lafat Eco Life 8.25, Lafat Eco Life 12.5, Lafat Eco Life 20**

Description of Object:
Rated voltage: 220-240V~
Rated frequency: 50 Hz
Rated power/current: P6: 2900W/13,0A,
P10A: 4640W/21,5A,
P17A: 7200W/33,2A
Protection class: I

Tested according to:
EN IEC 55014-1:2021
EN IEC 55014-2:2021
EN IEC 61000-3-2:2019/A1:2021
EN 61000-3-3:2013/A2:2021
EN IEC 61000-3-11:2019
EN 61000-3-12:2011

This Attestation of Conformity is issued on a voluntary basis according to the Directive 2014/30/EU relating to electromagnetic compatibility. It confirms that the listed apparatus complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for conformity assessment. For details see: www.tuvsud.com/ps-cert

Test report no.: 64711200290902A

Date, 2023-02-28

(Mike Zhuo)

This Attestation does not replace the regulatory EU Declaration of Conformity (DoC) and does not allow for CE marking. After preparation of the necessary documentation and establishing compliance to requirements of all applicable directives, the manufacturer may sign a DoC and apply the CE marking.
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Attestation of Conformity

No. N8A 119994 0005 Rev. 00

Holder of Attestation: **OXint d.o.o.**
III Tuzlanske brigade br.38
75000 Tuzla
BOSNIA AND HERZEGOVINA

Product: **Heat pumps**
(INTELLIGENT INVERTER HEAT PUMP)

Model(s): **LAFAT ECO LIFE 6, LAFAT ECO LIFE 10**

Parameters:

Rated Voltage:	220-240V~
Rated Frequency:	50Hz
Rated Power:	LAFAT ECO LIFE 6: 2900W, LAFAT ECO LIFE 10: 4640W
Rated Current:	LAFAT ECO LIFE 6: 13,0A, LAFAT ECO LIFE 10: 21,5A
Protection Class:	Class I
Degree of Protection:	IPX4
Refrigerant:	R32

Tested according to:
EN 60335-1:2012/A15:2021
EN 60335-2-40:2003/A13:2012
EN 62233:2008

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for conformity assessment. For details see: www.tuvsud.com/ps-cert

Test report no.: 64111230640101

Date, 2024-02-06

(Sam Yang)

This Attestation does not replace the regulatory EU Declaration of Conformity (DoC) and does not allow for CE marking. After preparation of the necessary documentation and establishing compliance to requirements of all applicable directives, the manufacturer may sign a DoC and apply the CE marking.
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Attestation of Conformity

No. N8A 119994 0010 Rev. 00

Holder of Attestation: **OXint d.o.o.**
III Tuzlanske brigade br.38
75000 Tuzla
BOSNIA AND HERZEGOVINA

Product: **Heat pumps (INTELLIGENT INVERTER HEAT PUMP)**

Model(s): **Lafat Eco Life 25T**

Parameters:

Rated Voltage:	380-415V 3N~
Rated Frequency:	50Hz
Rated Power input:	12800W
Rated Current input:	20,5A
Protection Class:	Class I
Degree of Protection:	IPX4
Refrigerant:	R32

Tested according to:
EN 60335-1:2012/A15:2021
EN 60335-2-40:2003/A13:2012
EN 62233:2008

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for conformity assessment. For details see: www.tuvsud.com/ps-cert

Test report no.: 64111240035301

Date, 2024-02-29

(Sam Yang)

This Attestation does not replace the regulatory EU Declaration of Conformity (DoC) and does not allow for CE marking. After preparation of the necessary documentation and establishing compliance to requirements of all applicable directives, the manufacturer may sign a DoC and apply the CE marking. The DoC is issued under the sole responsibility of the manufacturer.

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Attestation of Conformity

No. N8A 119994 0001 Rev. 00

Holder of Attestation: **OXint d.o.o.**
III Tuzlanske brigade br.38
75000 Tuzla
BOSNIA AND HERZEGOVINA

Product: **Heat pumps (INTELLIGENT INVERTER HEAT PUMP)**

Model(s): **Lafat Eco life 8.25, Lafat Eco life 12.5, Lafat Eco life 20**

Parameters:

Rated Voltage:	220-240V~
Rated Frequency:	50Hz
Rated Power:	Lafat Eco life 8.25: 13.0A, Lafat Eco life 12.5: 21.5A, Lafat Eco life 20: 33.2A
Rated Current:	Lafat Eco life 8.25: 2900W, Lafat Eco life 12.5: 4640W, Lafat Eco life 20: 7200W
Protection Class:	Class I
Degree of Protection:	IPX4
Refrigerant:	Lafat Eco life 8.25: R32/1300g, Lafat Eco life 12.5: R32/1700g, Lafat Eco life 20: R32/2000g

Tested according to:
EN 60335-1:2012/A15:2021
EN 60335-2-40:2003/A13:2012
EN 62233:2008

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for conformity assessment. For details see: www.tuvsud.com/ps-cert

Test report no.: 64111230050001

Date, 2023-03-02

(Sam Yang)

This Attestation does not replace the regulatory EU Declaration of Conformity (DoC) and does not allow for CE marking. After preparation of the necessary documentation and establishing compliance to requirements of all applicable directives, the manufacturer may sign a DoC and apply the CE marking.
The DoC is issued under the sole responsibility of the manufacturer.

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ATTESTATION ◆ ATTESTATO ◆ ATTESTACIÓN ◆ BESCHEINIGUNG ◆ ATTESTATION

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Attestation of Conformity

No. N8A 119994 0002 Rev. 00

Holder of Attestation: **OXint d.o.o.**
III Tuzlanske brigade br.38
75000 Tuzla
BOSNIA AND HERZEGOVINA

Product: **Heat pumps (INTELLIGENT INVERTER HEAT PUMP)**

Model(s): **Lafat Eco life 12.5T, Lafat Eco life 20T**

Parameters:

Rated Voltage:	380-415V, 3N~
Rated Frequency:	50Hz
Rated Power:	Lafat Eco life 12.5T: 7.6A, Lafat Eco life 20T: 12.0A
Rated Current:	Lafat Eco life 12.5T: 4640W, Lafat Eco life 20T: 7200W
Protection Class:	Class I
Degree of Protection:	IPX4
Refrigerant:	Lafat Eco life 12.5T: R32/1700g, Lafat Eco life 20T: R32/2000g

Tested according to:
EN 60335-1:2012/A15:2021
EN 60335-2-40:2003/A13:2012
EN 62233:2008

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for conformity assessment. For details see: www.tuvsud.com/ps-cert

Test report no.: 64111230050201

Date, 2023-03-03

(Sam Yang)

This Attestation does not replace the regulatory EU Declaration of Conformity (DoC) and does not allow for CE marking. After preparation of the necessary documentation and establishing compliance to requirements of all applicable directives, the manufacturer may sign a DoC and apply the CE marking.
The DoC is issued under the sole responsibility of the manufacturer.

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Podaci toplotne pumpe prema Regulativi (EU) No.813/2013

Model:	◘	**LAFAT ECO LIFE 6**
Vrsta toplotne pumpe:	◘	**Zrak-voda toplotna pumpa**
Klima :	◘	**Prosječna**
Application temperature:	◘	**Primjena na niskim temperaturama**
Primijenjeni standardi:	◘	**EN 14825:2022; EN 12102-1:2022; EN 14511-4:2022**

Stavka	**Simbol**	**Vrijednost**	**Jedinica**
Dizajnirana izlazna snaga grijanja	$P_{designh}$	3.972	kW
Deklarisani kapacitet grijanja za djelimično opterećenje pri unutrašnjoj temperaturi 20 ^{0}C i vanjskoj temperaturi Tj			
Tj=-7 ^{0}C	P_{dh}	3.514	kW
Tj=+2 ^{0}C	P_{dh}	2.182	kW
Tj=+7 ^{0}C	P_{dh}	2.492	kW
Tj=+12 ^{0}C	P_{dh}	2.771	kW
Tj=za radnu graničnu temperaturu	P_{dh}	3.981	kW
Tj=za bivalentnu temperaturu	P_{dh}	3.514	kW
Tj=-15 ^{0}C (if TOL<-20 ^{0}C)	P_{dh}	-	kW
Bivalenta temperatura	T_{biv}	-7	^{0}C
Degradacijski koeficijent	C_{dh}	0.9	-
Potrošnja energije pri radu koji se ne smatra aktivnim			
Off mode	P_{off}	0.013	kW
Termostat-off mode	P_{TO}	0.013	kW
Standby mode	P_{SB}	0.013	kW
Crankcase heater mode	P_{CK}	0.043	kW

Ostale stavke			
Kontrola kapaciteta	Varijabilna		
Nivo zvučne snage	Lwa	-/63	dB
Godišnja potrošnja energije	Qhe	1837	kWh/y

Stavka	**Simbol**	**Vrijednost**	**Jed.**
Energetska efikasnost sezonskog grijanja Klasa energetske efikasnosti	η_s	175.7 A+++	%
Deklarisani koeficijent performansi ili omjer primarne energije za djelimično opterećenje i unutarnju temperaturu 20 ^{0}C i vanjsku temperaturu Tj			
Tj=-7 ^{0}C	COP_d	3.11	-
Tj=+2 ^{0}C	COP_d	4.19	-
Tj=+7 ^{0}C	COP_d	5.71	-
Tj=+12 ^{0}C	COP_d	7.64	-
Tj= za radnu graničnu temperaturu	COP_d	2.82	-
Tj=za bivalentnu temperaturu	COP_d	3.11	-
Tj=-15 ^{0}C (if TOL<-20 ^{0}C)	COP_d	-	-
Radna granična temperatura	TOL	-10	^{0}C
Radna temperatura vode za grijanje	WTOL	35	^{0}C
Dodatni grijač			
Nazivna toplotna snaga	Psup	-	kW
Vrsta ulazne energije	-		

Ostale stavke			
Nazivni protok vazduha, na otvorenom			
Nazivni protok vode, vanjski izmjenjivač topline		-	

- Za grijače prostora sa toplotnom pumpom, nazivni toplotni učinak Prated jednak je projektovanom opterećenju za grijanje Pdesignh.

Podaci toplotne pumpe prema Regulativi (EU) No.813/2013

Model:	◘	**LAFAT ECO LIFE 6**
Vrsta toplotne pumpe:	◘	**Zrak-voda toplotna pumpa**
Klima :	◘	**Prosječna**
Application temperature:	◘	**Primjena na srednjim temperaturama**
Primijenjeni standardi:	◘	**EN 14825:2022; EN 12102-1:2022; EN 14511-4:2022**

Stavka	Simbol	Vrijednost	Jedinica
Dizajnirana izlazna snaga grijanja	$P_{designh}$	4.213	kW
Deklarisani kapacitet grijanja za djelimično opterećenje pri unutrašnjoj temperaturi 20 ^{0}C i vanjskoj temperaturi Tj			
Tj=-7 ^{0}C	P_{dh}	3.727	kW
Tj=+2 ^{0}C	P_{dh}	2.308	kW
Tj=+7 ^{0}C	P_{dh}	2.137	kW
Tj=+12 ^{0}C	P_{dh}	2.664	kW
Tj=za radnu graničnu temperaturu	P_{dh}	4.250	kW
Tj=za bivalentnu temperaturu	P_{dh}	3.727	kW
Tj=-15 ^{0}C (if TOL<-20 ^{0}C)	P_{dh}	-	kW
Bivalenta temperatura	T_{biv}	-7	^{0}C
Degradacijski koeficijent	C_{dh}	0.9	-
Potrošnja energije pri radu koji se ne smatra aktivnim			
Off mode	P_{off}	0.013	kW
Termostat-off mode	P_{TO}	0.013	kW
Standby mode	P_{SB}	0.013	kW
Crankcase heater mode	P_{CK}	0.043	kW

Ostale stavke			
Kontrola kapaciteta	Varijabilna		
Nivo zvučne snage	Lwa	-/64	dB
Godišnja potrošnja energije	Qhe	2790	kWh/y

Stavka	Simbol	Vrijednost	Jed.
Energetska efikasnost sezonskog grijanja	η_s	121.8	%
Klasa energetske efikasnosti		A+	
Deklarisani koeficijent performansi ili omjer primarne energije za djelimično opterećenje i unutarnju temperaturu 20 ^{0}C i vanjsku temperaturu Tj			
Tj=-7 ^{0}C	COP_d	2.11	-
Tj=+2 ^{0}C	COP_d	3.00	-
Tj=+7 ^{0}C	COP_d	3.79	-
Tj=+12 ^{0}C	COP_d	5.62	-
Tj= za radnu graničnu temperaturu	COP_d	1.88	-
Tj=za bivalentnu temperaturu	COP_d	2.11	-
Tj=-15 ^{0}C (if TOL<-20 ^{0}C)	COP_d	-	-
Radna granična temperatura	TOL	-10	^{0}C
Radna temperatura vode za grijanje	WTOL	55	^{0}C
Dodatni grijač			
Nazivna toplotna snaga	Psup	-	kW
Vrsta ulazne energije	-		

Ostale stavke			
Nazivni protok vazduha, na otvorenom			
Nazivni protok vode, vanjski izmjenjivač topline		-	

- Za grijače prostora sa toplotnom pumpom, nazivni toplotni učinak Prated jednak je projektovanom opterećenju za grijanje Pdesignh.

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