EGSQH10S18A9W

Rated data for certification programmes - heating mode

Certification programme				Conditions				Load	Standard	Remark	Parameters			
				Heat source		Heat sink								
	Document	Application	Type	EBE (°C)	LBE (°C)	EWC (°C	LWC (°C)				HC (kW)	COP	sCOP	Minimum requirement
SP	COX30622 Energimyndigheten and BWHP variable speed 130304	Low temperature	House 1	0	-3	30	35	100%	EN 14511 / EN 14825		8	4,55	4,97	
				0	*	*	30	61%	EN 14511 / EN 14825	(*)	4,9	5,61		
				0	*	*	27	37%	EN 14511 / EN 14825	Measured with the flow rate determined during ·100·% load point	2,92	6,21		
				0	*	*	25	24%	EN 14511 / EN 14825		2,51	6,55		
				0	*	*	24	11%	EN 14511 / EN 14825		2,51	6,73		
			House 2	0	-3	30	35	100%	EN 14511 / EN 14825		10,1	4,25	5,01	
				0	*	*	30	61%	EN 14511 / EN 14825	(*)	7,52	5,15		
				0	*	*	27	37%	EN 14511 / EN 14825	Measured with the flow rate determined during ·100·% load point	4,29	6,07		
				0	*	*	25	24%	EN 14511 / EN 14825		3,04	6,42		
				0	*	*	24	11%	EN 14511 / EN 14825		2,57	6,34		
		High temperature	House 1	0	-3	47	55	100%	EN 14511 / EN 14825		8,53	2,97	3,94	
				0	*	*	44	61%	EN 14511 / EN 14825	(*)	4,99	3,83		
				0	*	*	37	37%	EN 14511 / EN 14825	Measured with the flow rate determined during ·100·% load point	3,07	4,59		
				0	*	*	32	24%	EN 14511 / EN 14825		2,47	5,19		
				0	*	*	28	11%	EN 14511 / EN 14825		2,54	5,84		
			House 2	0	-3	47	55	100%	EN 14511 / EN 14825		8,9	2,72	3,87	
				0	*	*	44	61%	EN 14511 / EN 14825	(*)	7,61	3,83		
				0	*	*	37	37%	EN 14511 / EN 14825	Measured with the flow rate determined during ·100·% load point	4,39	4,6		
				0	*	*	32	24%	EN 14511 / EN 14825		2,87	5,3		
				0	*	*	28	11%	EN 14511 / EN 14825		2,55	5,92		

Rated data for certification programmes - domestic hot water performance

Certification programme			Conditions							Parameters		
			Heat source		Heat sink		Load	Standard	Remark			
	Document	Application	EBE (°C)	LBE (°C)	Setpoint [°C]	Hysteresis [K]	kWh					Minimum requirement
SP		Heat-up time	0		52			EN16147		Time [h]	1,25	
		Heat-up energy input	0		52			EN16147		P (kWh)	2,48	
		Standby power input	0		52			EN16147		P(W)	42	
		L tapping pattern COP	0		52	15	11,655	EN16147		COP	2,29	
		Domestic hot water volume	0		52			EN16147		Veq (l)	199	

Rated

Certification programme			Standard	Parameters
	Document	Application		Energy consumption [W]
SP		Compressor OFF	EN14825	20,2
		Thermostat OFF	EN14825	20,2
		Standby	EN14825	19,5
		OFF	EN14825	19,5