

Price List Steam Humidifiers StandardLine Electrode



Type	Steam Output kg/h	Steam Outlet Number/Size	Electrical Supply	Unit Price EUR
SLE02-MA00	1,9 - 2,1	1 DN 25	220-240V/1/50-60Hz *	2.388,00
SLE05-AA10	4,8 - 5,2	1 DN 25	380-415V/3/50-60Hz	2.295,00
SLE10-AA10	9,5 - 10,4	1 DN 25	380-415V/3/50-60Hz	2.493,00
SLE15-AA10	14,3 - 15,6	1 DN 25	380-415V/3/50-60Hz	2.766,00
SLE20-AA10	19,0 - 20,7	1 DN 40	380-415V/3/50-60Hz	3.019,00
SLE30-AA10	28,5 - 31,2	1 DN 40	380-415V/3/50-60Hz	3.497,00
SLE45-AA10	42,7 - 46,8	2 DN 40	380-415V/3/50-60Hz	3.795,00
SLE65-AA10	62,0 - 67,5	2 DN 40	380-415V/3/50-60Hz	4.948,00
SLE90-AA10	85,0 - 93,7	4 DN 40	380-415V/3/50-60Hz	7.861,00
2 x SLE45				
SLE130-AA10	124 - 135	4 DN 40	380-415V/3/50-60Hz	10.167,00
2 x SLE65				
SLE195-AA10	185 - 203	6 DN 40	380-415V/3/50-60Hz	15.250,50
3 x SLE65				
SLE260-AA10	248 - 270	8 DN 40	380-415V/3/50-60Hz	20.334,00
4 x SLE65				

220 - 240 V separate control voltage (internal optionally at extra charge)

*) only internal control voltage available

Connection Options	Article Number	Unit Price EUR
SuperFlush, standard SLE05-10	WD-03-10011	183,80
SuperFlush, standard SLE15-30	WD-04-10011	201,60
SuperFlush, standard SLE45-65 *	WD-06-10011	201,60
HyCool Drain Water Tempering SLE05-10	WD-03-10010	285,60
HyCool Drain Water Tempering SLE15-30	WD-04-10010	285,60
HyCool Drain Water Temp. SLE45-65 *	WD-06-10010	285,60
Units with HyFlow (system separator)	on request	

*) Required according to the number of units

Control Options	Article Number	Unit Price EUR
Control of parallel humidifier (0-10V) SLE05-30	CN-07-10016	135,50
Control of parallel humidifier (0-10V) SLE45-65	CN-06-10022	135,50
Modbus RTU, including EIA-485 interface	CN-07-10035	141,80
Extention relay options, 2 change over contacts	CN-07-10014	130,20
Control VU 230VAC SLE02-15	CN-07-10023	157,50
Control VU 230VAC SLE20-65	CN-07-10008	157,50
Control 1-step 230VAC	CN-07-10021	112,40

- 0,6 m flexible water connection hose incl.

- Steam manifolds are not included, see accessories price list

Accessories see separate price list.

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With Touch-Display	Steam Output kg/h	Steam Outlet Number/Size	Electrical Supply	Unit Price EUR
FLE05-T-MA00	4,4 - 4,8	1 DN 25	220-240V/1/50-60Hz *	2.695,00
FLE05-T-AA10	4,8 - 5,2	1 DN 25	380-415V/3/50-60Hz	2.695,00
FLE10-T-AA10	9,5 - 10,4	1 DN 25	380-415V/3/50-60Hz	2.747,00
FLE15-T-AA10	14,3 - 15,6	1 DN 25	380-415V/3/50-60Hz	3.095,00
FLE20-T-AA10	19,0 - 20,8	1 DN 40	380-415V/3/50-60Hz	3.579,00
FLE25-T-AA10	24,0 - 26,0	1 DN 40	380-415V/3/50-60Hz	3.675,00
FLE30-T-AA10	28,5 - 31,2	1 DN 40	380-415V/3/50-60Hz	3.932,00
FLE40-T-AA10	38,2 - 41,7	1 DN 40	380-415V/3/50-60Hz	4.177,00
FLE50-T-AA10	47,8 - 52,2	2 DN 40	380-415V/3/50-60Hz	4.632,00
FLE65-T-AA10	61,8 - 67,5	2 DN 40	380-415V/3/50-60Hz	5.684,00
FLE80-T-AA10	76,4 - 83,4	2 DN 40	380-415V/3/50-60Hz	7.941,00
FLE100-T-AA10	95,4 - 104,2	4 DN 40	380-415V/3/50-60Hz	8.718,00
FLE130-T-AA10	124,0 - 135,0	4 DN 40	380-415V/3/50-60Hz	10.487,00

220 - 240 V separate control voltage (internal optionally with no charge)

*) only internal control voltage available

Connection Options	Article Number	Unit Price EUR
SuperFlush, standard FLE05-10	WD-03-10011	183,80
SuperFlush, standard FLE15-25	WD-04-10011	201,60
SuperFlush, standard FLE30-40	WD-05-10011	201,60
SuperFlush, standard FLE50-65	WD-06-10011	201,60
SuperFlush, standard FLE80	WD-05-10012	351,80
SuperFlush, standard FLE100-130	WD-06-10012	351,80
HyFlush (SF pulse-pause intensive) FLE05-10 *	WD-03-10013	531,00
HyFlush (SF pulse-pause intensive) FLE15-25 *	WD-04-10013	615,00
HyFlush (SF pulse-pause intensive) FLE30-40 *	WD-05-10013	700,00
HyFlush (SF pulse-pause intensive) FLE50-65 *	WD-06-10013	700,00
HyFlush (SF pulse-pause intensive) FLE80 *	WD-05-10016	1129,00
HyFlush (SF pulse-pause intensive) FLE100-130 *	WD-06-10016	1129,00
HyCool Drain Water Tempering FLE05-10	WD-03-10018	285,60
HyCool Drain Water Tempering FLE15-25	WD-04-10010	285,60
HyCool Drain Water Tempering FLE30-40	WD-05-10010	285,60
HyCool Drain Water Tempering FLE50-65	WD-06-10010	285,60
HyCool Drain Water Tempering FLE80	WD-05-10018	437,90
HyCool Drain Water Tempering FLE100-130	WD-06-10018	437,90
HyCool Drain Water Tempering and HyFlush FLE05-10 *	WD-03-10102	671,00
HyCool Drain Water Tempering and HyFlush FLE15-25 *	WD-04-10102	755,00
HyCool Drain Water Tempering and HyFlush FLE30-40 *	WD-05-10102	839,00
HyCool Drain Water Tempering and HyFlush FLE50-65 *	WD-06-10102	839,00
HyCool Drain Water Tempering and HyFlush FLE80 *	WD-05-10019	1445,00
HyCool Drain Water Tempering and HyFlush FLE100-130 *	WD-06-10019	1445,00
Units with HyFlow (system separator)	on request	

*) including optional fully automated dead leg flushing

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Building Automation (only one option possible)	Article Number	Unit Price EUR
BACnet MSTP, including EIA-485 interface	CN-07-10020	180,60
Modbus RTU, including EIA-485 interface	CN-07-10010	141,80

Control Options	Article Number	Unit Price EUR
Extention board, 3 change over contacts NO, NC digital input, analog input for flowting max. limitation	CN-07-10033	336,00
Extention relay options, 2 change over contacts NO, NC for FLE05-10	CN-03-10013	130,20
Extention relay options, 2 change over contacts NO, NC for FLE15-130	CN-07-10013	130,20
Control of parallel humidifier (0-10V) for FLE05-10	CN-03-10012	135,50
Control of parallel humidifier (0-10V) for FLE15-65	CN-07-10012	135,50
Control of parallel humidifier (0-10V) for FLE80-130	CN-07-10022	147,00
Safety interlock 12VDC with auxiliary relay FLE05-10	CN-03-10011	151,20
Safety interlock 12VDC with auxiliary relay FLE15-65	CN-07-10011	151,20
Control VU 230VAC, incl. prolonged ventilation relay for FLE05-15	CN-07-10025	154,40
Control VU 230VAC, incl. prolonged ventilation relay for FLE20-130	CN-07-10015	154,40

- 0,6 m flexible water connection hose incl.
- Steam manifolds are not included, see accessories price list

Accessories see separate price list.

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Price List Software Options

Compared to the previous generation, the new generation of controllers for FlexLine and StandardLine offers significantly more possibilities in the area of parameterization. In principle, the operator can select and change many parameters himself under the guidance of the operating manuals.

As we would like to provide the best possible service to our customers, we offer software options. Parameter presetting's will be made at our final test station and archived for best after sales service. Below please find a list of the most common software optional settings.

Option description	Flexline			StandardLine		Article Number	Price EUR
	FLE	FLH	FLP	SLE	SLH		
Software option PI-control activation	x	x	x	x	x	SW-00001	59,90
Software option increased blow down rates in combination with RO units		x	x		x	SW-00002	59,90
Software option RO units dead-end line flushing activated		x	x		x	SW-00003	59,90
Software option PI-max-control activation	x	x	x			SW-00005	59,90
Software option load shedding [50% default]	x	x	x			SW-00008	59,90
Software option timer operation -> off	x	x	x			SW-00011	59,90
Software option timer operation -> ECO	x	x	x			SW-00012	59,90
ECO [10%rH, PI-control 0-10V]	x	x	x			SW-00013	59,90
Software option low conductivity	x			x		SW-00016	59,90
Software option high conductivity	x			x		SW-00017	59,90
Software option dead leg flushing activation	x	x	x	x	x	SW-00018	59,90
sensetify maintenance low	x	x	x			SW-00030	59,90
sensetify maintenance high	x	x	x			SW-00032	59,90

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Price List Steam Humidifiers MiniSteam



Type	Steam Output kg/h	Electrical Supply	Unit Price EUR
MSE05-MA00	4,4 - 4,8	220-240V/1/N/50-60Hz	2.759,00
MSE05-AA00	4,8 - 5,2	380-415V/3/N/50-60Hz	2.759,00
MSE10-AA00	9,5 - 10,4	380-415V/3/N/50-60Hz	3.255,00

internal control voltage

Connection Options	Article Number	Unit Price EUR
SuperFlush, standard	WD-03-10011	183,80
HyCool Drain Water Tempering	WD-03-10016	246,00
Units with HyFlow (system separator)	on request	

Control Options	Article Number	Unit Price EUR
Control of parallel humidifier (0-10V)	CN-07-10016	135,50
Modbus RTU, including EIA-485 interface	CN-07-10035	141,80
Extention relay options, 2 change over contacts	CN-07-10014	130,20
Control 1-step 230VAC	CN-07-10021	112,40

- 0,6 m flexible water connection hose incl.

Accessories see separate price list.

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Price List Accessories for Steam Humidifiers

Article	Length (mm)	Article Number	Unit Price EUR	
DN 25 Steam manifolds - stainless steel -	220	B-2604301	148,10	
	400	B-2604303	148,10	
	600	B-2604305	159,60	
	900	B-2604307	177,50	
	1200	B-2604309	226,80	
	Steam hose		SP-07-26000	47,90 / m
	Flange plate for steam manifolds, in two parts		E-2604260	13,55
	T-piece, stainless steel		E-2604042	59,90
Elbow 90°, stainless steel		E-2604030	58,80	
DN 40 Steam manifolds - stainless steel -	220	B-2604313	161,70	
	400	B-2604315	161,70	
	600	B-2604317	175,40	
	900	B-2604319	189,00	
	1200	B-2604321	254,10	
	1450	B-2604325	286,70	
	1800	B-2604335	358,10	
	2350	B-2604343	480,90	
	2700	B-2604341	480,90	
	3000	B-2604369	480,90	
	Steam hose		SP-07-26001	70,40 / m
	Flange plate for steam manifolds, in two parts		E-2604410	16,70
	T-piece, stainless steel		E-2604023	74,60
Elbow 90°, stainless steel		E-2604036	62,00	
Mounting set for steam manifolds		B-4600100	47,90	
Condensate hose DN 12		E-2604002	19,75 / m	
T-piece DN 12, plastic		E-2604021	9,75	
Drain hose 1 1/4"		E-2420423	37,90 / m	
SuperFlush - cylinder rinsing system as retrofit kit				
Electrode:	SLE05-10, FLE05-10; MSE05-10	WD-03-10301	237,30	
	SLE15-30, FLE15-25	WD-04-10301	259,40	
	FLE30-40/80	WD-05-10301	259,40	
	SLE45-65, FLE50-65/100-130	WD-06-10301	259,40	
Heater Element:	SLH03-09	WD-03-10005	218,40	
	SLH15-25	WD-04-10005	226,80	
	SLH40-50	WD-06-10005	226,80	
Fan unit VU10 for max. 10 kg/h steam output		VU10-MA00	1277,00	
Fan unit VU30 for max. 30 kg/h steam output*		VU30-MA00	1508,00	

*) For humidifiers with higher steam output please order appropriate number of fan units.

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Control Accessories for Steam Humidifiers

	Control Range	Max. Limiter 1-step	Article Number	Unit Price EUR
Room humidity sensor capacitive				
DIF (0 - 10V) w/o display	10 - 100% r.h. -30 to +60°C		E-0610190	323,40
DIF (0 - 10V) with display	10 - 100% r.h. -30 to +60°C		E-0610200	401,10
Room humidity sensor capacitive				
DPWC1 (4 - 20mA) w/o display	10 - 90% r.h. -10 to +60°C		DPWC111000	126,50
DPWC1 (0 - 10V) w/o display	10 - 90% r.h. -10 to +60°C		DPWC112000	155,70
Room humidity sensor capacitive for technical application				
DPPC1 (4 - 20mA) w/o display	10 - 90% r.h. -10 to +60°C		DPPC111000	258,70
DPPC1 (0 - 10V) w/o display	10 - 90% r.h. -10 to +60°C		DPPC112000	258,70
Room hygrosat sensor adsorptive				
Hygroswitch	30 - 100% r.h. 0 to +60°C	X	E-0610186	108,20
Hygroswitch handwheel inside	30 - 100% r.h. 0 to +60°C	X	E-0610188	108,20
Room hygrosat sensor adsorptive				
Room hygrosat	20 - 90% r.h. 0 to +40°C	X	UCHUMM0000	189,30
Duct humidity sensor adsorptive				
FG80AC (0 - 10V)	30 - 100% r.h. -30 to +80°C		E-0610151	769,00
FG80J (4 - 20mA)	30 - 100% r.h. -30 to +80°C		E-0610196	880,00
Duct humidity sensor capacitive				
DKF (0 - 10V) w/o display	0 - 100% r.h. -30 to +80°C		E-0610184	426,30
DKF (0 - 10V) with display	0 - 100% r.h. -30 to +80°C		E-0610202	512,40



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Control Accessories for Steam Humidifiers

	Control Range	Max. Limiter 1-step	Article Number	Unit Price EUR
Duct humidity sensor capacitive				
DPDC1 (4 - 20mA) w/o display	10 - 90% r.h. -10 to +60°C		DPDC111000	244,80
DPDC1 (0 - 10V) w/o display	10 - 90% r.h. -10 to +60°C		DPDC112000	258,70
Special-Duct humidity sensor capacitive				
DKK (0 - 10V) with display	0 - 100% r.h. 0 - 20 g/kg -30 to +80°C		E-0610182	778,00
FK C3 EX/8 (4-20mA) ex. protection with isolating transducer	0 - 100% r.h. -30 to +80°C		B-0610171	on request
Duct hygrostat adsorptive				
HG80 (KF1)	35 - 95% r.h. 0 to +60°C	X	E-0611100	482,00
Air flow switch				
DCFL	on: 2,5-9,2m/s off: 1-8m/s	X	DCFL000100	85,10
Accessories				
Wall mounting set for HG80 and FG80AC			E-0610152	44,50
Pressure switch sensor				
D1	0,2 - 2 mbar		B-0611200	270,90
DCPD01	0,5 - 5 mbar		DCPD010100	47,70
DCPD01	0,2 - 2 mbar		DCPD011100	47,70
Leakage detector				
FLOE	Control module		FLOE000010	71,90
FLOR	Strip probe 25m		FLOR000000	252,80
FLOS	Pinhole probe		FLOS000000	25,25



Attention

For all DP... sensors additional options in the units for higher current consumption must be selected!

Option ST08 on terminals for current consumption >25mA

for FLE05-10, FLH03-09		CN-03-10060	112,40
for FLE15-130, FLH15-100, FLP05-50		CN-07-10060	112,40
for MSE05-10, SLE05-10, SLH03-09		CN-03-10071	138,60
for SLE15-65, SLH15-50		CN-07-10070	112,40

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