

Price List

Steam Humidifiers StandardLine Heater Element

Type	Steam Output kg/h	Steam Outlet Number/Size	Electrical Supply	Unit Price EUR
SLH03-MA00	2,7 - 3,3	1 DN 25	220-240V/1/50-60Hz *	3.168,00
SLH06-MA00	5,5 - 6,5	1 DN 25	220-240V/1/50-60Hz *	3.316,00
SLH06-AA10	5,5 - 6,5	1 DN 25	380-415V/3/50-60Hz	3.316,00
SLH09-AA10	8,2 - 9,8	1 DN 25	380-415V/3/50-60Hz	3.461,00
SLH15-AA10	13,7 - 16,4	1 DN 25	380-415V/3/50-60Hz	4.177,00
SLH25-AA10	22,7 - 27,1	1 DN 40	380-415V/3/50-60Hz	4.775,00
SLH40-AA10	36,5 - 43,5	2 DN 40	380-415V/3/50-60Hz	5.432,00
SLH50-AA10	45,5 - 54,3	2 DN 40	380-415V/3/50-60Hz	7.118,00

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 SLH03-09	WD-03-10015	180,60
SuperFlush, standard SLH15-25	WD-04-10015	191,10
SuperFlush, standard SLH40-50	WD-06-10015	191,10
HyCool Drain Water Tempering SLH03-09	WD-03-10010	285,60
HyCool Drain Water Tempering SLH15-25	WD-04-10010	285,60
HyCool Drain Water Tempering SLH40-50	WD-06-10010	285,60

Control Options	Article Number	Unit Price EUR
Control of parallel humidifier (0-10V) for SLH03-25	CN-07-10016	135,50
Control of parallel humidifier (0-10V) for SLH40-50	CN-06-10012	90,30
Extention relay options, 2 c/o contacts for SLH03-25	CN-07-10014	130,20
Modbus RTU, including EIA-485 interface	CN-07-10035	141,80
Control VU 230VAC SLH03-15	CN-07-10023	157,50
Control VU 230VAC SLH25-50	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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Price List

Steam Humidifiers FlexLine Heater Element



With Touch-Display	Steam Output kg/h	Steam Outlet Number/Size	Electrical Supply	Unit Price EUR
FLH03-T-MA00	2,7 - 3,3	1 DN 25	220-240V/1/50-60Hz *	3.471,00
FLH06-T-MA00	5,5 - 6,5	1 DN 25	220-240V/1/50-60Hz *	3.646,00
FLH06-T-AA10	5,5 - 6,5	1 DN 25	380-415V/3/50-60Hz	3.646,00
FLH09-T-AA10	8,2 - 9,8	1 DN 25	380-415V/3/50-60Hz	3.753,00
FLH15-T-AA10	13,7 - 16,4	1 DN 25	380-415V/3/50-60Hz	4.489,00
FLH25-T-AA10	22,7 - 27,1	1 DN 40	380-415V/3/50-60Hz	5.086,00
FLH30-T-AA10	27,4 - 32,7	2 DN 40	380-415V/3/50-60Hz	5.600,00
FLH40-T-AA10	36,5 - 43,5	2 DN 40	380-415V/3/50-60Hz	6.090,00
FLH50-T-AA10	45,5 - 54,3	2 DN 40	380-415V/3/50-60Hz	7.858,00
FLH80-T-AA10	73,0 - 87,0	4 DN 40	380-415V/3/50-60Hz	11.922,00
FLH100-T-AA10	91,0 - 108,5	4 DN 40	380-415V/3/50-60Hz	14.193,00

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

*) only internal control voltage available

Connection Options	Article Number	Unit Price EUR
HyFlush (SF pulse-pause intensive) FLH03-09 *	WD-03-10014	436,80
HyFlush (SF pulse-pause intensive) FLH15-25 *	WD-04-10014	454,70
HyFlush (SF pulse-pause intensive) FLH30-50 *	WD-07-10014	461,00
HyFlush (SF pulse-pause intensive) FLH80-100 *	WD-06-10014	520,80
HyCool drain water tempering (w/o SuperFlush) FLH03-09	WD-03-10110	248,90
HyCool drain water tempering (w/o SuperFlush) FLH15-25	WD-04-10110	248,90
HyCool drain water tempering (w/o SuperFlush) FLH30-50	WD-07-10110	248,90
HyCool drain water tempering (w/o SuperFlush) FLH80-100	WD-06-10110	309,80
HyCool drain water tempering and HyFlush FLH03-09 *	WD-03-10103	587,00
HyCool drain water tempering and HyFlush FLH15-25 *	WD-04-10103	615,00
HyCool drain water tempering and HyFlush FLH30-50 *	WD-07-10103	627,00
HyCool drain water tempering and HyFlush FLH80-100 *	WD-06-10103	687,00

*) including optional fully automated dead leg flushing

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

Accessories see separate price list.

Price List

Steam Humidifiers FlexLine Heater Element



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 flowing max. limitation	CN-07-10033	336,00
Extention relay options, 2 change over contacts NO, NC for FLH03-09	CN-03-10013	130,20
Extention relay options, 2 change over contacts NO, NC for FLH15-100	CN-07-10013	130,20
Control of parallel humidifier (0-10V) for FLH03-09	CN-03-10012	135,50
Control of parallel humidifier (0-10V) for FLH15-50	CN-07-10012	135,50
Control of parallel humidifier (0-10V) for FLH80-100	CN-07-10022	147,00
Safety interlock 12VDC with auxiliary relay	CN-07-10011	151,20
Control VU 230VAC, incl. prolonged ventilation relay for FLH03-15	CN-07-10025	154,40
Control VU 230VAC, incl. prolonged ventilation relay for FLH25-100	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 Steam Humidifiers FlexLine Plus



With Touch-Display	Steam Output kg/h	Steam Outlet Number/Size	Electrical Supply	Unit Price EUR
FLP05-T-AA10	4,6 - 5,5	1 DN 40	380-415V/3/50-60Hz	4.058,00
FLP08-T-AA10	7,6 - 9,0	1 DN 40	380-415V/3/50-60Hz	4.177,00
FLP15-T-AA10	13,7 - 16,4	1 DN 40	380-415V/3/50-60Hz	4.775,00
FLP25-T-AA10	22,7 - 27,1	1 DN 40	380-415V/3/50-60Hz	5.481,00
FLP30-T-AA10	27,4 - 32,7	2 DN 40 *	380-415V/3/50-60Hz	6.042,00
FLP40-T-AA10	36,5 - 43,5	2 DN 40	380-415V/3/50-60Hz	6.437,00
FLP50-T-AA10	45,5 - 54,3	2 DN 40	380-415V/3/50-60Hz	8.336,00

*) incl. Y-piece

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

Connection Options	Article Number	Unit Price EUR
HyFlush (SF pulse-pause intensive) FLP05-25	WD-08-10014	454,70
HyFlush (SF pulse-pause intensive) FLP30-50	WD-08-10015	461,00
HyCool drain water tempering and HyFlush FLP05-25	WD-08-10103	618,00
HyCool drain water tempering and HyFlush FLP30-50	WD-08-10104	631,00

including optional fully automated dead leg flushing

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 flowing max. limitation	CN-07-10033	336,00
Extention relay options, 2 change over contacts NO, NC	CN-07-10013	130,20
Control of parallel humidifier (0-10V)	CN-07-10012	135,50
Safety interlock 12VDC with auxiliary relay	CN-07-10011	151,20
Control VU 230VAC, incl. prolonged ventilation relay	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 Steam Humidifiers FlexLine Plus Pro



With Touch-Display	Steam Output kg/h	Steam Outlet Number/Size	Electrical Supply	Unit Price EUR
FLP05-TPRO-AA10	4,6 - 5,5	1 DN 40	380-415V/3/50-60Hz	4.764,00
FLP08-TPRO-AA10	7,6 - 9,0	1 DN 40	380-415V/3/50-60Hz	4.931,00
FLP15-TPRO-AA10	13,7 - 16,4	1 DN 40	380-415V/3/50-60Hz	5.839,00
FLP25-TPRO-AA10	22,7 - 27,1	1 DN 40	380-415V/3/50-60Hz	6.556,00
FLP30-TPRO-AA10	27,4 - 32,7	2 DN 40 *	380-415V/3/50-60Hz	6.926,00
FLP40-TPRO-AA10	36,5 - 43,5	2 DN 40	380-415V/3/50-60Hz	7.165,00
FLP50-TPRO-AA10	45,5 - 54,3	2 DN 40	380-415V/3/50-60Hz	9.268,00

*) incl. Y-piece

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

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 flowing max. limitation	CN-07-10033	336,00
Extention relay options, 2 change over contacts NO, NC	CN-07-10013	130,20
Control of parallel humidifier (0-10V)	CN-07-10012	135,50
Safety interlock 12VDC with auxiliary relay	CN-07-10011	151,20

- 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 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 hygrosstat 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 hygrosstat sensor adsorptive				
Room hygrosstat	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



Price List

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

Accessories see separate price list.

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