Values	infraSchwank D											
	15/1 U	**15/M+ U**	**20/1 U**	**20/M+ U**	**30/1 U**	**30/M+ U**	**40/1 U**	**40/M+ U**	**50/1 U**	**50/M+ U**	**60/1 U**	**60/M+ U**
Nominal heat input [kW] @ NCV	15,0	15,0	19,0	19,0	29,0	29,0	39,0	39,0	49,0	49,0	60,0	60,0
Minimum heat input [kW] @ NCV		11,2		14,3		22,0		30,0		38,0		48,0
Minimum heat input as percentage of nominal heat input [%]		25%		25%		24%		23%		22%		20%
$\eta_{Thermal}$ [%] @ GCV at nominal heat input	82,9%	82,9%	83,2%	83,2%	82,6%	82,6%	82,7%	82,7%	83,2%	83,2%	82,8%	82,8%
$\eta_{Thermal}$ [%] @ GCV at minimal heat input		82,9%		83,2%		82,6%		82,7%		83,2%		82,8%
Radiant factor RF_{nom} [%] @ NCV at nominal heat input	**55,7%**	**55,7%**	**57,6%**	**57,6%**	**59,3%**	**59,3%**	**57,8%**	**57,8%**	**58,2%**	**58,2%**	**57,6%**	**57,6%**
Radiant factor RF_{min} [%] @ NCV at minimal heat input		**54,3%**		**56,2%**		**57,8%**		**56,4%**		**56,7%**		**56,2%**
Auxiliary electricity consumption el_{max} [kW] at nominal heat input	0,10	0,10	0,10	0,10	0,10	0,10	0,10	0,10	0,09	0,09	0,09	0,09
Auxiliary electricity consumption el_{max} [kW] at minimal heat input		0,10		0,10		0,10		0,10		0,09		0,09
Heat output control type	1-stage	modulating	1-stage	modulating	1-stage	modulating	1-stage	modulating	1-stage	modulating	1-stage	modulating
Space heating emissions NOx @ GCV [mg/kWh]	122	122	122	122	122	122	122	122	122	122	122	122
Seasonal energy efficiency [%]	**77,0%**	**79,5%**	**78,7%**	**81,1%**	**79,5%**	**81,9%**	**79,0%**	**81,3%**	**79,9%**	**82,1%**	**79,3%**	**81,1%**

NCV= Net calorific value
GCV = Gross calorific value

seasonal efficiency
series infraSchwank D shape U

Status: April 2018

Values	infraSchwank D											
	15/1 L	**15/M+ L**	**20/1 L**	**20/M+ L**	**30/1 L**	**30/M+ L**	**40/1 L**	**40/M+ L**	**50/1 L**	**50/M+ L**	**60/1 L**	**60/M+ L**
Nominal heat input [kW] @ NCV	15,0	15,0	19,0	19,0	29,0	29,0	39,0	39,0	49,0	49,0	60,0	60,0
Minimum heat input [kW] @ NCV		11,2		14,3		22,0		30,0		38,0		48,0
Minimum heat input as percentage of nominal heat input [%]		25%		25%		24%		23%		22%		20%
$\eta_{Thermal}$ [%] @ GCV at nominal heat input	81,6%	81,6%	81,1%	81,1%	82,3%	82,3%	82,7%	82,7%	82,3%	82,3%	82,3%	82,3%
$\eta_{Thermal}$ [%] @ GCV at minimal heat input		81,6%		81,1%		82,3%		82,7%		82,3%		82,3%
Radiant factor RF_{nom} [%] @ NCV at nominal heat input	**55,7%**	**55,7%**	**56,9%**	**56,9%**	**59,9%**	**59,9%**	**59,1%**	**59,1%**	**60,2%**	**60,2%**	**59,4%**	**59,4%**
Radiant factor RF_{min} [%] @ NCV at minimal heat input		**54,3%**		**55,5%**		**58,4%**		**57,6%**		**59,7%**		**57,9%**
Auxiliary electricity consumption el_{max} [kW] at nominal heat input	0,10	0,10	0,10	0,10	0,10	0,10	0,10	0,10	0,09	0,09	0,09	0,09
Auxiliary electricity consumption el_{max} [kW] at minimal heat input		0,10		0,10		0,10		0,10		0,09		0,09
Heat output control type	1-stage	modulating	1-stage	modulating	1-stage	modulating	1-stage	modulating	1-stage	modulating	1-stage	modulating
Space heating emissions NOx @ GCV [mg/kWh]	122	122	119	119	123	123	126	126	133	133	134	134
Seasonal energy efficiency [%]	**75,7%**	**78,3%**	**76,2%**	**78,6%**	**79,5%**	**81,8%**	**79,7%**	**82,0%**	**80,2%**	**82,7%**	**79,8%**	**81,7%**

NCV= Net calorific value
GCV = Gross calorific value