Strebel S-ASX Technical Specifications

Model			60	70	80	90	100
	Efficiency label at 35°C [1]		A++	A++	A++	A++	A++
	Efficiency label at 55°C [1]		A++	A++	A++	A++	A++
	SCOP at 35°C		**4.25**	**4.21**	**4.24**	**4.23**	**4.26**
	SCOP at 55°C		**3.56**	**3.55**	**3.57**	**3.56**	**3.56**
A7W35	Heating capacity	kW	57.5	67.8	75.7	85.4	99.5
	Power input	kW	12.2	14.4	16.1	18.1	21.1
	COP		**4.71**	**4.71**	**4.70**	**4.72**	**4.72**
	Water flow rate	l/h	9923	11689	13058	14737	17179
	Pressure drops	kPa	22	24	24	22	21
A7W45	Heating capacity	kW	58.2	68.6	76.6	86.4	101
	Power input	kW	15.6	18.4	20.5	23.1	27.0
	COP		**3.73**	**3.73**	**3.74**	**3.74**	**3.74**
	Water flow rate	l/h	10080	11870	13260	14963	17449
	Pressure drops	kPa	22	24	25	22	22
A7W55	Heating capacity	kW	59.2	69.7	77.8	87.8	102
	Power input	kW	19.1	22.5	25.1	28.3	33.1
	COP		**3.10**	**3.10**	**3.10**	**3.10**	**3.08**
	Water flow rate	l/h	6440	7584	8466	9556	11147
	Pressure drops	kPa	10	11	11	10	10
A7W65	Heating capacity	kW	60.5	71.2	79.5	89.8	105
	Power input	kW	23.8	27.9	31.3	35.3	41.3
	COP		**2.54**	**2.55**	**2.54**	**2.54**	**2.54**
	Water flow rate	l/h	5293	6229	6955	7856	9160
	Pressure drops	kPa	7	8	8	7	7
A2W35	Heating capacity	kW	48.5	57.3	63.9	72.1	84.0
	Power input	kW	12.2	14.4	16.1	18.1	21.1
	COP		**3.98**	**3.98**	**3.97**	**3.98**	**3.98**
	Water flow rate	l/h	8382	9888	11031	12451	14512
	Pressure drops	kPA	16	18	18	16	16
A2W45	Heating capacity	kW	49.3	58.2	64.9	73.3	85.4
	Power input	kW	15.5	18.3	20.5	23.1	27.0
	COP		**3.18**	**3.18**	**3.17**	**3.17**	**3.16**
	Water flow rate	l/h	8551	10080	11244	12704	14807
	Pressure drops	kPa	17	18	18	16	16
A2W55	Heating capacity	kW	50.3	59.3	66.3	74.9	87.3
	Power input	kW	19.1	22.4	25.2	28.4	33.2
	COP		**2.63**	**2.65**	**2.63**	**2.64**	**2.63**
	Water flow rate	l/h	5481	6462	7213	8150	9502
	Pressure drops	kPa	7	8	8	7	7
A2W65	Heating capacity	kW	51.8	61.0	68.2	77.0	89.7
	Power input	kW	23.8	28.0	31.4	35.3	41.3
	COP		**2.18**	**2.18**	**2.17**	**2.18**	**2.17**
	Water flow rate	l/h	4532	5337	5967	6736	7847
	Pressure drops	kPa	5	6	6	5	5
A-4W35	Heating capacity	kW	44.2	52.1	58.1	65.6	76.6
	Power input	kW	12.2	14.4	16.1	18.1	21.2
	COP		**3.62**	**3.62**	**3.61**	**3.62**	**3.61**
	Water flow rate	l/h	7637	9005	10044	11343	13231
	Pressure drops	kPa	14	15	15	13	13
A-4W45	Heating capacity	kW	45.1	53.1	59.3	66.9	78.1
	Power input	kW	15.6	18.3	20.5	23.1	27.1
	COP		**2.89**	**2.90**	**2.89**	**2.90**	**2.88**
	Water flow rate	l/h	7821	9211	10288	11609	13538
	Pressure drops	kPa	14	16	16	14	14
A-4W55	Heating capacity	kW	46.3	54.5	60.9	68.7	80.2
	Power input	kW	19.1	22.5	25.2	28.4	33.3
	COP		**2.42**	**2.42**	**2.42**	**2.42**	**2.41**
	Water flow rate	l/h	5045	5939	6636	7486	8728
	Pressure drops	kPa	6	7	7	6	6
A-4W65	Heating capacity	kW	47.8	56.4	63.0	71.1	82.8
	Power input	kW	23.9	28.1	31.4	35.4	41.4
	COP		**2.00**	**2.01**	**2.01**	**2.01**	**2.00**
	Water flow rate	l/h	4182	4934	5512	6220	7244
	Pressure drops	kPa	5	5	5	5	5

A7W65 = source : air in 7°C d.b. 6°C w.b. / plant : water in 55°C out 65°C
A7W55 = source : air in 7°C d.b. 6°C w.b. / plant : water in 47°C out 55°C
A7W45 = source : air in 7°C d.b. 6°C w.b. / plant : water in 40°C out 45°C
A7W35 = source : air in 7°C d.b. 6°C w.b. / plant : water in 30°C out 35°C
A2W65 = source : air in 2°c d.b. 1 °c w.b. / plant : water 55°C out 65°C
A2W55 = source : air in 2°c d.b. 1 °c w.b. / plant : water 47°C out 55°c
A2W45 = source : air in 2°c d.b. 1 °c w.b. / plant water 40°C out 45°C
A2W35 = source : air in 2°c d.b. 1 °c w.b. / plant water 30°C out 35°C
A-4W65 = source : air in -4°C d.b. -5°C w.b. / plant : water in 55°C out 65°C
A-4W55 = source : air in -4°C d.b. -5°C w.b. / plant : water in 47°C out 55°C
A-4W45 = source : air in -4°C d.b. -5°C w.b. / plant : water in 40°C out 45°C
A-4W35 = source : air in -4°C d.b. -5°C w.b. / plant : water in 30°C out 35°C

Strebel S-ASX 60-100 Technical Data

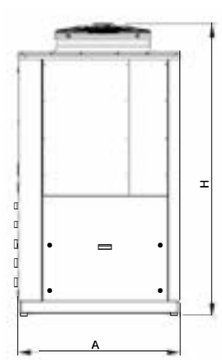
Model		60	70	80	90	100
Power supply	V-p-Hz	400 - 3 - 50				
Compressor type		Scroll with Vapour Injection (EVI)				
No. compressors/No. refrigerant circuits	Qty	2/1				
Plant heat exchanger type		Stainless steel brazed plates				
Source heat exchanger		Finned Coil				
Fans		Axial				
No. fans	Qty	2	3		4	
Hydraulic fittings		2" M				
Heat recovery (VD)		1" 1/4 M				
Weight	kg	801	928	938	1063	1078
Maximum power input	kW	27.8	31.6	34.8	40.0	45.8
Low Noise Acoustic Setting						
Sound power level	dB(A)	76	77	77	78	78
Sound pressure at 1 metre	dB(A)	58	59	59	59	58
Sound pressure at 5 metres	dB(A)	49	50	50	51	51
Sound pressure at 10 metres	dB(A)	44	45	45	46	46

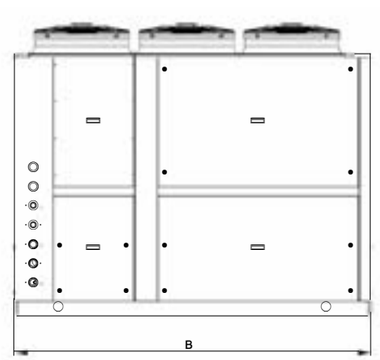
Dimensions				
		60	70/80	90/100
A	mm	1130	1130	1130
B	mm	1710	2430	3130
H	mm	1980	1980	1980

The acoustic data performances are referred to units operating in heating mode at nominal conditions A7W35.

The sound power level is measured in accordance to ISO 3744 standard.

The sound pressure level is calculated according to ISO 3744 and is referred to a distance of 1/5/10 metres form the external surface of the unit.





The values are referred to units without options and accessories.
COP (Coefficient Of Performance) = ratio of the total heating capacity to the effective power input of the unit
All COP data in accordance with EN 14511 [1] In accordance with European regulation 811/2013
The company reserves the right to change the specifications and dimensions without prior notice. E.&O.E.