

## Strebel S-ASX.21 Technical Specifications

Model		60	70	80	90	100	
Efficiency label at 35°C <sup>(1)</sup>		<b>A++</b>	<b>A++</b>	<b>A++</b>	<b>A++</b>	<b>A++</b>	
Efficiency label at 55°C <sup>(1)</sup>		<b>A++</b>	<b>A++</b>	<b>A++</b>	<b>A++</b>	<b>A++</b>	
SCOP at 35°C		4.41	4.37	4.35	4.37	4.34	
SCOP at 55°C		3.52	3.49	3.47	3.48	3.46	
SCOP at 65°C		3.11	3.09	3.07	3.09	3.06	
A7W35	Heating capacity	kW	57.2	67.3	75.1	84.7	99.0
	Power input	kW	12.3	14.6	16.3	18.4	21.6
	<b>COP</b>		<b>4.65</b>	<b>4.61</b>	<b>4.61</b>	<b>4.60</b>	<b>4.58</b>
	Water flow rate	l/h	9854	11613	12964	14606	17068
	Pressure drops	kPa	29	27	23	29	28
A7W45	Heating capacity	kW	57.9	68.1	76.0	85.7	100
	Power input	kW	15.6	18.6	20.8	23.4	27.5
	<b>COP</b>		<b>3.71</b>	<b>3.66</b>	<b>3.65</b>	<b>3.66</b>	<b>3.64</b>
	Water flow rate	l/h	10006	11792	13164	14831	17331
	Pressure drops	kPa	30	27	24	29	29
A7W55	Heating capacity	kW	58.8	69.2	77.3	87.1	102
	Power input	kW	19.1	22.8	25.6	28.7	33.7
	<b>COP</b>		<b>3.08</b>	<b>3.04</b>	<b>3.02</b>	<b>3.03</b>	<b>3.03</b>
	Water flow rate	l/h	6389	7530	8406	9470	11067
	Pressure drops	kPa	13	12	11	13	13
A7W65	Heating capacity	kW	60.1	70.8	79.0	89.1	104
	Power input	kW	23.8	28.4	31.9	35.8	42.1
	<b>COP</b>		<b>2.53</b>	<b>2.49</b>	<b>2.48</b>	<b>2.49</b>	<b>2.47</b>
	Water flow rate	l/h	5250	6188	6907	7782	9094
	Pressure drops	kPa	9	8	7	9	9
A2W35	Heating capacity	kW	48.2	56.8	63.4	71.4	83.4
	Power input	kW	12.3	14.6	16.3	18.4	21.6
	<b>COP</b>		<b>3.92</b>	<b>3.89</b>	<b>3.89</b>	<b>3.88</b>	<b>3.86</b>
	Water flow rate	l/h	8313	9798	10937	12322	14400
	Pressure drops	kPa	21	19	17	21	21
A2W45	Heating capacity	kW	49.0	57.7	64.4	72.6	84.8
	Power input	kW	15.6	18.6	20.9	23.4	27.5
	<b>COP</b>		<b>3.14</b>	<b>3.10</b>	<b>3.08</b>	<b>3.10</b>	<b>3.08</b>
	Water flow rate	l/h	8476	9990	11152	12564	14682
	Pressure drops	kPa	22	20	18	22	21
A2W55	Heating capacity	kW	50.0	58.9	65.7	74.1	86.6
	Power input	kW	19.2	22.8	25.6	28.7	33.8
	<b>COP</b>		<b>2.60</b>	<b>2.58</b>	<b>2.57</b>	<b>2.58</b>	<b>2.56</b>
	Water flow rate	l/h	5437	6408	7154	8060	9418
	Pressure drops	kPa	9	9	8	10	10
A2W65	Heating capacity	kW	51.4	60.6	67.6	76.2	89.1
	Power input	kW	23.9	28.5	31.9	35.8	42.1
	<b>COP</b>		<b>2.15</b>	<b>2.13</b>	<b>2.12</b>	<b>2.13</b>	<b>2.12</b>
	Water flow rate	l/h	4493	5296	5912	6660	7783
	Pressure drops	kPa	7	6	6	7	7
A-4W35	Heating capacity	kW	43.7	51.5	57.5	64.8	75.7
	Power input	kW	12.3	14.6	16.4	18.4	21.6
	<b>COP</b>		<b>3.55</b>	<b>3.53</b>	<b>3.51</b>	<b>3.52</b>	<b>3.50</b>
	Water flow rate	l/h	7545	8893	9927	11184	13070
	Pressure drops	kPa	17	16	14	18	17
A-4W45	Heating capacity	kW	44.6	52.6	58.7	66.1	77.3
	Power input	kW	15.7	18.6	20.9	23.5	27.6
	<b>COP</b>		<b>2.84</b>	<b>2.83</b>	<b>2.81</b>	<b>2.81</b>	<b>2.80</b>
	Water flow rate	l/h	7728	9108	10168	11455	13387
	Pressure drops	kPa	18	17	15	18	18
A-4W55	Heating capacity	kW	45.8	54.0	60.2	67.9	79.3
	Power input	kW	19.2	22.9	25.7	28.8	33.9
	<b>COP</b>		<b>2.39</b>	<b>2.36</b>	<b>2.34</b>	<b>2.36</b>	<b>2.34</b>
	Water flow rate	l/h	4981	5871	6554	7384	8629
	Pressure drops	kPa	8	8	7	8	8
A-4W65	Heating capacity	kW	47.4	55.8	62.3	70.2	82.0
	Power input	kW	23.9	28.5	32.0	35.9	42.2
	<b>COP</b>		<b>1.98</b>	<b>1.96</b>	<b>1.95</b>	<b>1.96</b>	<b>1.94</b>
	Water flow rate	l/h	4139	4878	5445	6135	7169
	Pressure drops	kPa	6	5	5	6	6

**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

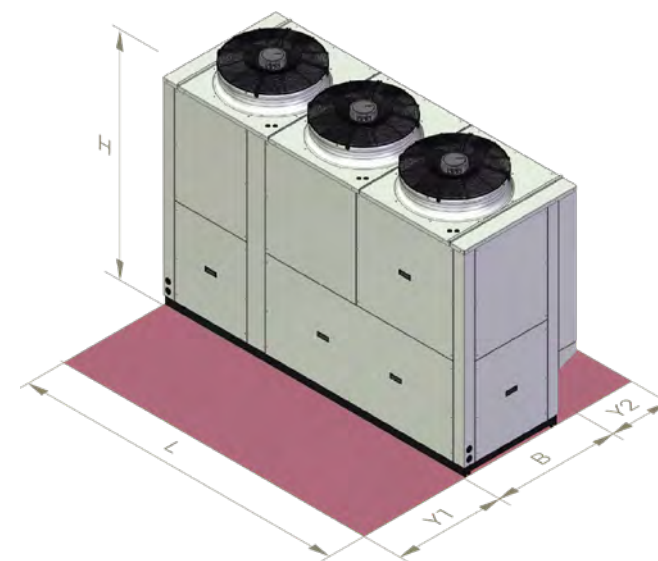
## Strebel S-ASX.21 Technical Data

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	3			4	
Hydraulic fittings		2" M				
Heat recovery (VD)		1" 1/4 M				
Weight	kg	616	628	634	763	774
Maximum power input	kW	29.0	34.4	38.6	42.4	47.4
<b>Low Noise Acoustic Setting</b>						
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

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 from the external surface of the unit.



		Dimensions				
		60	70	80	90	100
L	mm	2480	2480	2480	3230	3230
B	mm	930	930	930	930	930
H	mm	1830	1830	1830	1830	1830
Y1	mm	1000	1000	1000	1000	1000
Y2	mm	500	500	500	500	500

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 <sup>(1)</sup> in accordance with European regulation 811/2013**

The company reserves the right to change the specifications and dimensions without prior notice. F & O F

Supplied & installed by



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