

STULZ the natural choice

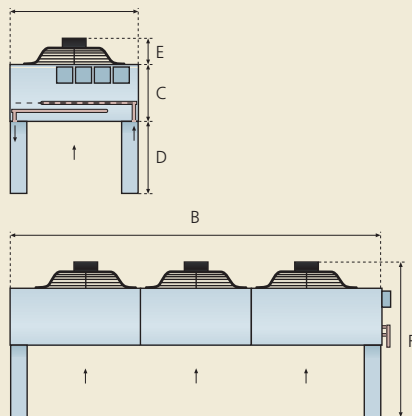
High-powered air-cooled condensers

STULZ

STULZ high-powered condensers

Advantages for you:

- Fast installation as electrical connections are prewired. Pressure switches and fan motors do not need wiring
- Options:
 - Fan speed controller for precise head pressure control
 - Winter kit for operation at ambient temperatures from -20 °C to -45 °C
 - Epoxy resin-coated fins
 - Repair/emergency stop switch
- Choice of horizontal or vertical mounting. High durability thanks to corrosion-resistant aluminium housing or galvanised, powder-coated sheet steel housing
- Electrical components such as the terminal box, pressure switches and motors are weatherproof
- Pressure switches are connected on the cooling side
- Integrated Schrader pressure measurement valve for setting the pressure switches
- Standardised fan units enable fast reaction times if repairs are necessary
- Easy to clean with steam or by hosing down, or with common cleaning agents
- Industry standard and low-noise versions are available to ensure conformity with customer requirements and legal sound emission limits
- Standard condensers will operate with all refrigerant variants



STULZ type code

K S V 045 S 3 1

- Refrigerant**: 1: R407C, R134a, R22
2: R410A
- Qty. of fans**: 3
- Housing**: S: Steel, galvanised and powder-coated
A: Aluminium, hammer finish
- Condensing output in kW**: 045
- Direction of air flow**: H: Horizontal
V: Vertical
- Sound class**: S: Standard
L: Low noise
- Type**: K = air-cooled condenser

Dimensions						
Drawing index	A	B	C	D	E	F
1A	670	910	370	400	140	910
1B	670	910	370	400	140	910
1C	670	910	370	400	140	910
1D	770	970	370	400	140	910
2A	770	1,880	370	400	140	910
2C	1,541	5,000	520	600	340	1,460
3A	770	2,360	370	400	140	910
3B	920	2,360	370	400	140	910
3C	920	2,760	370	400	140	910
3E	1,141	7,299	520	600	310	1,430
3F	1,541	7,299	520	600	340	1,460
4A	920	3,660	370	400	140	910
4B	920	4,990	370	400	150	920
6A	920	7,450	450	400	150	1,000



Condenser of galvanised, powder-coated sheet steel.

Technical data													
STULZ Type	R407C ¹ 50 Hz kW	R407C ¹ 60 Hz kW	R134a ¹ 50 Hz kW	R134a ¹ 60 Hz kW	R22 ¹ 50 Hz kW	R22 ¹ 60 Hz kW	R410A ¹ 50 Hz kW	R410A ¹ 60 Hz kW	Qty. of fan units	Dimensions Drawing index	Material	Weight -kg-	Voltage ² -V-
KSV006A11	6.5	7.2	7.0	7.7	7.2	7.9			1	1A	Al	26	230
KSV008A11	9.4	10.4	10.1	11.1	10.3	11.4			1	1C	Al	32	230
KSV008A12							9.5	10.5	1	1C	Al	32	230
KSV008S11	9.4	10.4	10.1	11.1	10.3	11.4			1	1C	Steel	50	230
KSV010A11	10.7	11.9	11.4	12.7	11.8	13.1			1	1D	Al	36	230
KSV010A12							10.8	12.1	1	1D	Al	36	230
KSV010S11	10.7	11.9	11.4	12.7	11.8	13.1			1	1D	Steel	45	230
KSV012A11	12.6	13.9	13.5	14.9	13.9	15.3			1	1D	Al	40	230
KSV012A12							12.7	14.1	1	1D	Al	40	230
KSV012S11	12.6	13.9	13.5	14.9	13.9	15.3			1	1D	Steel	50	230
KSV016A11	16.4	18.3	17.5	19.6	18.0	20.1			1	1D	Al	40	230
KSV016A12							16.5	18.5	1	1D	Al	40	230
KSV016S11	16.4	18.3	17.5	19.6	18.0	20.1			1	1D	Steel	50	230
KSV021A21	21.5	23.9	23.0	25.6	23.7	26.3			2	2A	Al	72	230
KSV021A22							21.7	24.2	2	2A	Al	72	230
KSV021S21	21.5	23.9	23.0	25.6	23.7	26.3			2	2A	Steel	95	230
KSV029A21	30.4	34.6	32.5	37.0	33.4	38.1			2	2A	Al	81	230
KSV029A22							30.6	34.9	2	2A	Al	81	230
KSV029S21	30.4	34.6	32.5	37.0	33.4	38.1			2	2A	Steel	105	230
KSV037A21	35.7	40.4	38.2	43.2	39.3	44.4			2	2A	Al	81	230
KSV037A22							36.1	40.8	2	2A	Al	81	230
KSV037S21	35.7	40.4	38.2	43.2	39.3	44.4			2	2A	Steel	115	230
KSV045A31	45.2	52.4	48.4	56.1	49.7	57.6			3	3A	Al	144	230
KSV045A32							45.4	52.7	3	3A	Al	144	230
KSV045S31	45.2	52.4	48.4	56.1	49.7	57.6			3	3A	Steel	130	230
KSV057A31	58.1	66.7	62.2	71.4	63.9	73.4			3	3A	Al	144	230
KSV057A32							58.4	67.2	3	3A	Al	144	230
KSV057S31	58.1	66.7	62.2	71.4	63.9	73.4			3	3A	Steel	185	230
KSV075A41	76.3	85.3	81.6	91.3	83.9	93.8			4	4A	Al	249	230
KSV075A42							77.1	86.2	4	4A	Al	249	230
KSV075S41	76.3	85.3	81.6	91.3	83.9	93.8			4	4A	Steel	190	230
KSV090S41	89.6	100.4	95.9	107.4	98.6	110.4			4	4B	Steel	450	230
KSV114S41	114.0	127.7	122.0	136.6	125.4	140.4			4	4B	Steel	505	230
KSV150S61	148.2	166.0	158.6	177.6	163.0	182.6				6A	Steel	705	230
Low Noise													
KLV006A11	5.0	5.5	5.4	5.9	5.5	6.1			1	1A	Al	25	230
KLV008A11	8.3	9.2	8.9	9.8	9.1	10.1			1	1B	Al	29	230
KLV008A12							8.4	9.3	1	1B	Al	29	230
KLV008S11	8.3	9.2	8.9	9.8	9.1	10.1			1	1B	Steel	50	230
KLV010A11	10.7	12.2	11.4	13.1	11.8	13.4			1	1D	Al	40	230
KLV010A12							10.8	12.3	1	1D	Al	40	230
KLV010S11	10.7	12.2	11.4	13.1	11.8	13.4			1	1D	Steel	45	230
KLV012A11	12.3	14.3	13.2	15.3	13.5	15.7			1	1D	Al	49	230
KLV012A12							12.3	14.3	1	1D	Al	49	230
KLV012S11	12.3	14.3	13.2	15.3	13.5	15.7			1	1D	Steel	50	230
KLV016A21	17.5	19.5	18.7	20.9	19.3	21.5			2	2A	Al	63	230
KLV016A22							17.6	19.7	2	2A	Al	63	230
KLV016S21	17.5	19.5	18.7	20.9	19.3	21.5			2	2A	Steel	50	230
KLV021A21	21.5	24.4	23.0	26.1	23.7	26.8			2	2A	Al	72	230
KLV021A22							21.6	24.6	2	2A	Al	72	230
KLV021S21	21.5	24.4	23.0	26.1	23.7	26.8			2	2A	Steel	95	230
KLV029A31	29.8	33.7	31.9	36.1	32.8	37.1			3	3A	Al	109	230
KLV029A32							30.0	33.9	3	3A	Al	109	230
KLV029S31	29.8	33.7	31.9	36.1	32.8	37.1			3	3A	Steel	105	230
KLV037A31	37.5	44.0	40.1	47.1	41.3	48.4			3	3B	Al	164	230
KLV037A32							37.6	44.2	3	3B	Al	164	230
KLV037S31	37.5	44.0	40.1	47.1	41.3	48.4			3	3B	Steel	115	230
KLV045A31	47.3	53.3	50.6	57.0	52.0	58.6			3	3C	Al	192	230
KLV045A32							47.7	53.7	3	3C	Al	192	230
KLV045S31	47.3	53.3	50.6	57.0	52.0	58.6			3	3C	Steel	130	230
KLV057A31	56.5	65.8	60.5	70.4	62.2	72.4			3	3C	Al	192	230
KLV057A32							56.7	66.1	3	3C	Al	192	230
KLV057S31	56.5	65.8	60.5	70.4	62.2	72.4			3	3C	Steel	185	230
KLV075A41	77.9	90.6	83.4	96.9	85.7	99.7			4	4A	Al	249	230
KLV075A42							78.2	91.0	4	4A	Al	249	230
KLV075S41	77.9	90.6	83.4	96.9	85.7	99.7			4	4A	Steel	190	230
KLV090S21	92.7	103.8	99.2	111.1	102.0	114.2			2	2C	Steel	629	400
KLV114S31	114.0	127.7	122.0	136.6	125.4	140.4			3	3E	Steel	704	400
KLV150S31	153.0	171.4	163.7	183.4	168.3	188.5			3	3F	Steel	845	400

Detailed technical information can be found in the STULZ Manual, index 80 Subject to change

¹ Condensation capacity measured at ambient temperature: 32 °C, condensing temperature: 45 °C

² 230V +-10 %, single-phase, 400V +-10 %, three-phase

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STULZ the natural choice

Close to you all over the world.

... With specialist, competent partners in our subsidiaries and exclusive sales and service partners around the world. Our five production sites are in Europe, North America and Asia.