

SmartCool™ technical specifications:

Case size (mm)	Model no.	Nominal cooling (kW) TC	Nominal cooling (kW) SC	EER	No. of fans	Air volume m ³ /s	Sound pressure @ 3m (dBA)*
Single circuit							
H x W x D	X100 - DX air cooled						
1. 1980(H) x 900(W) x 890(L)	SC09D016-X100-0	17.4	17.3	3.73	1	1.6	64
	SC09D019-X100-0	19.9	19.8	3.50	1	1.8	66
	SC09D023-X100-0	23.5	23.4	3.41	1	1.9	67
	SC09D026-X100-0	26.2	25.1	3.38	1	1.9	67
X200 - DX air cooled							
2. 1980(H) x 1200(W) x 890(L)	SC12D020-X200-0	22.4	22.3	3.70	1	1.7	59
	SC12D023-X200-0	27.9	27.7	3.56	1	2.1	62
	SC12D029-X200-0	31.3	30.7	3.38	1	2.3	67
	SC12D033-X200-0	36.0	34.1	3.29	1	2.5	68
	SC12D036-X200-0	40.3	36.2	3.26	1	2.5	69
3. 1980(H) x 1500(W) x 890(L)	SC15D027-X200-0	29.5	29.3	3.82	2	2.4	61
	SC15D030-X200-0	33.5	33.3	3.65	2	2.8	69
	SC15D035-X200-0	38.8	38.6	3.41	2	3.3	69
	SC15D040-X200-0	42.9	42.6	3.34	2	3.3	70
	SC15D044-X200-0	45.6	44.2	3.35	2	3.3	70
4. 1980(H) x 1800(W) x 890(L)	SC18D037-X200-0	39.2	39.0	3.59	2	3.3	71
	SC18D040-X200-0	44.4	44.1	3.47	2	3.6	72
	SC18D044-X200-0	48.2	47.9	3.41	2	4.0	74
X1X1 - DX air cooled							
4. 1980(H) x 1800(W) x 890(L)	SC18D048-X1X1-0	53.7	53.4	3.34	2	4.1	75
	SC18D055-X1X1-0	60.8	56.5	3.36	2	4.1	75
2X20 - DX air cooled							
5. 1980(H) x 2200(W) x 890(L)	SC22D050-2X20-0	51.0	51.0	3.80	2	4.7	61
	SC22D059-2X20-0	61.9	61.9	3.69	2	5.1	62
	SC22D064-2X20-0	68.7	68.7	3.52	2	5.4	66
	SC22D074-2X20-0	76.9	76.9	3.36	2	5.6	71
6. 1980(H) x 2500(W) x 890(L)	SC25D062-2X20-0	63.9	63.9	3.84	3	5.7	60
	SC25D068-2X20-0	71.0	71.0	3.70	3	5.9	63
	SC25D075-2X20-0	79.7	79.7	3.51	3	6.2	63
	SC25D085-2X20-0	88.8	88.8	3.39	3	6.4	64
	SC25D092-2X20-0	94.8	90.9	3.36	3	6.7	64
7. 1980(H) x 3100(W) x 890(L)	SC31D069-2X20-0	74.1	74.1	3.82	3	6.9	64
	SC31D079-2X20-0	83.7	83.7	3.61	3	7.2	64
	SC31D089-2X20-0	93.6	93.6	3.49	3	7.5	65
	SC31D094-2X20-0	100.0	100.0	3.48	3	7.8	67
	SC31D108-2X20-0	111.8	111.8	3.39	3	8.1	71
	SC31D124-2X20-0	125.7	117.3	3.40	3	8.1	71
8. 1980(H) x 3500(W) x 890(L)	SC35D079-2X20-0	85.8	85.8	3.73	4	7.9	63
	SC35D091-2X20-0	96.3	96.3	3.60	4	8.2	64
	SC35D098-2X20-0	103.0	103.0	3.60	4	8.6	65
	SC35D111-2X20-0	115.6	115.6	3.48	4	9.0	66
	SC35D127-2X20-0	130.5	130.5	3.46	4	9.3	66
	SC35D140-2X20-0	143.2	136.7	3.32	4	9.6	68
2W20 - DX water cooled							
5. 1980(H) x 2200(W) x 890(L)	SC22D050-2W20-0	51.0	51.0	3.80	2	4.7	61
	SC22D059-2W20-0	61.9	61.9	3.69	2	5.1	62
	SC22D064-2W20-0	68.7	68.7	3.52	2	5.4	66
	SC22D074-2W20-0	76.9	76.9	3.36	2	5.6	71
6. 1980(H) x 2500(W) x 890(L)	SC25D062-2W20-0	63.9	63.9	3.84	3	5.7	60
	SC25D068-2W20-0	71.0	71.0	3.70	3	5.9	63
	SC25D075-2W20-0	79.7	79.7	3.51	3	6.2	63
	SC25D085-2W20-0	88.8	88.8	3.39	3	6.4	64
	SC25D092-2W20-0	94.8	90.9	3.36	3	6.7	64
7. 1980(H) x 3100(W) x 890(L)	SC31D069-2W20-0	74.1	74.1	3.82	3	6.9	64
	SC31D079-2W20-0	83.7	83.7	3.61	3	7.2	64
	SC31D089-2W20-0	93.6	93.6	3.49	3	7.5	65
	SC31D094-2W20-0	100.0	100.0	3.48	3	7.8	67
	SC31D108-2W20-0	111.8	111.8	3.39	3	8.1	71
	SC31D124-2W20-0	125.7	117.3	3.40	3	8.1	71
8. 1980(H) x 3500(W) x 890(L)	SC35D079-2W20-0	85.8	85.8	3.73	4	7.9	63
	SC35D091-2W20-0	96.3	96.3	3.60	4	8.2	64
	SC35D098-2W20-0	103.0	103.0	3.60	4	8.6	65
	SC35D111-2W20-0	115.6	115.6	3.48	4	9.0	66
	SC35D127-2W20-0	130.5	130.5	3.46	4	9.3	66

DX data is based on nominal cooling at 24°C/45%RH 45°C condensing temperatures

TC = Total Cooling

SC = Sensible Cooling

EER = Energy Efficiency Ratio based on TOTAL input power of compressors and fans

Performance data calculated in accordance with BSEN 14511-2011 and Eurovent 6/6

SmartCool™ technical specifications continued:

Case size (mm)	Model no.	DX cooling (kW) TC	DX cooling (kW) SC	EER	TC Secondary Cooling (kW)	SC Secondary Cooling (kW)	EER	No. of fans	Air volume m ³ /s	Sound pressure @ 3m (dBA)*
Dual cool										
H x W x D										
2X2C - DX air cooled / chilled water										
5. 1980(H) x 2200(W) x 890(L)	SC22D050-2X2C-0	51.0	51.0	3.80	68.7	59.2	22.71	2	4.7	61
	SC22D059-2X2C-0	61.9	61.9	3.69	72.7	63.6	18.96	2	5.1	62
	SC22D064-2X2C-0	68.7	68.7	3.52	75.6	67.0	16.56	2	5.4	66
	SC22D074-2X2C-0	76.9	76.9	3.36	77.3	71.5	15.47	2	5.6	71
6. 1980(H) x 2500(W) x 890(L)	SC25D062-2X2C-0	63.9	63.9	3.84	80.8	71.4	20.61	3	5.7	60
	SC25D068-2X2C-0	71.0	71.0	3.70	83.2	74.3	18.60	3	5.9	63
	SC25D075-2X2C-0	79.7	79.7	3.51	86.2	79.8	17.01	3	6.2	63
	SC25D085-2X2C-0	88.8	88.8	3.39	86.9	80.4	15.11	3	6.4	64
	SC25D092-2X2C-0	94.8	90.9	3.36	87.0	80.5	13.38	3	6.7	64
7. 1980(H) x 3100(W) x 890(L)	SC31D069-2X2C-0	74.1	74.1	3.82	100.6	86.4	21.68	3	6.9	64
	SC31D079-2X2C-0	83.7	83.7	3.61	103.9	90.1	19.54	3	7.2	64
	SC31D089-2X2C-0	93.6	93.6	3.49	107.0	93.6	17.69	3	7.5	65
	SC31D094-2X2C-0	100.0	100.0	3.48	109.8	96.9	16.14	3	7.8	67
	SC31D108-2X2C-0	111.8	111.8	3.39	112.8	104.4	14.74	3	8.1	71
	SC31D124-2X2C-0	125.7	117.3	3.40	112.8	104.4	14.74	3	8.1	71
8. 1980(H) x 3500(W) x 890(L)	SC35D079-2X2C-0	85.8	85.8	3.73	115.2	98.4	21.87	4	7.9	63
	SC35D091-2X2C-0	96.3	96.3	3.60	118.9	102.6	19.70	4	8.2	64
	SC35D098-2X2C-0	103.0	103.0	3.60	122.5	106.7	17.77	4	8.6	65
	SC35D111-2X2C-0	115.6	115.6	3.48	126.7	111.5	15.73	4	9.0	66
	SC35D127-2X2C-0	130.5	130.5	3.46	129.5	119.9	14.47	4	9.3	66
2W2F - DX water cooled / free cooling										
5. 1980(H) x 2200(W) x 890(L)	SC22D050-2W2F-0	51.0	51.0	3.80	68.7	59.2	22.71	2	4.7	61
	SC22D059-2W2F-0	61.9	61.9	3.69	72.7	63.6	18.96	2	5.1	62
	SC22D064-2W2F-0	68.7	68.7	3.52	75.6	67.0	16.56	2	5.4	66
	SC22D074-2W2F-0	76.9	76.9	3.36	77.3	71.5	15.47	2	5.6	71
6. 1980(H) x 2500(W) x 890(L)	SC25D062-2W2F-0	63.9	63.9	3.84	80.8	71.4	20.61	3	5.7	60
	SC25D068-2W2F-0	71.0	71.0	3.70	83.2	74.3	18.60	3	5.9	63
	SC25D075-2W2F-0	79.7	79.7	3.51	86.2	79.8	17.01	3	6.2	63
	SC25D085-2W2F-0	88.8	88.8	3.39	86.9	80.4	15.11	3	6.4	64
	SC25D092-2W2F-0	94.8	90.9	3.36	87.0	80.5	13.38	3	6.7	64
7. 1980(H) x 3100(W) x 890(L)	SC31D069-2W2F-0	74.1	74.1	3.82	100.6	86.4	21.68	3	6.9	64
	SC31D079-2W2F-0	83.7	83.7	3.61	103.9	90.1	19.54	3	7.2	64
	SC31D089-2W2F-0	93.6	93.6	3.49	107.0	93.6	17.69	3	7.5	65
	SC31D094-2W2F-0	100.0	100.0	3.48	109.8	96.9	16.14	3	7.8	67
	SC31D108-2W2F-0	111.8	111.8	3.39	112.8	104.4	14.74	3	8.1	71
	SC31D124-2W2F-0	125.7	117.3	3.40	112.8	104.4	14.74	3	8.1	71
8. 1980(H) x 3500(W) x 890(L)	SC35D079-2W2F-0	85.8	85.8	3.73	115.2	98.4	21.87	4	7.9	63
	SC35D091-2W2F-0	96.3	96.3	3.60	118.9	102.6	19.70	4	8.2	64
	SC35D098-2W2F-0	103.0	103.0	3.60	122.5	106.7	17.77	4	8.6	65
	SC35D111-2W2F-0	115.6	115.6	3.48	126.7	111.5	15.73	4	9.0	66
	SC35D127-2W2F-0	130.5	130.5	3.46	129.5	119.9	14.47	4	9.3	66

CW / Free-cool data is based on nominal cooling at 24°C / 45%RH and 7 / 12°C water inlet / outlet temperature 0% glycol

TC = Total Cooling

SC = Sensible Cooling

EER = Energy Efficiency Ratio based on TOTAL input power of compressors and fans

Performance data calculated in accordance with BSEN 14511-2011 and Eurovent 6/6