



Quick Reference

# SH scroll compressors 50 - 60 Hz



R410A

## CODE NUMBERS

Compressor model	Connections	Motor protection	code numbers for industrial packs				
			3	4	6	7	9
			200-230/3/60	400/3/50 460/3/60	230/3/50	500/3/50 575/3/60	380/3/60
SH090	Brazed	Internal	120H0002	120H0004	120H0006	120H0008	120H0010
SH120	Brazed	Internal	120H0012	120H0014	120H0016	120H0018	120H0020
SH161	Brazed	Internal	120H0022	120H0024	120H0026	120H0028	120H0030
SH180	Brazed	M24	120H0032	120H0040	-	120H0048	120H0056
	Brazed	M230	120H0034	120H0042	-	120H0050	120H0058
	Rotolock	M24	120H0036	120H0044	-	120H0052	120H0060
	Rotolock	M230	120H0038	120H0046	-	120H0054	120H0062
SH240	Brazed	M24	120H0064	120H0075	-	120H0086	120H0097
	Brazed	M115-230	120H0066	120H0077	-	120H0088	120H0099
	Rotolock	M24	120H0071	120H0082	-	120H0093	120H0104
	Rotolock	M115-230	120H0073	120H0084	-	120H0095	120H0106
SH300	Brazed	M24	120H0108	120H0119	-	120H0130	120H0141
	Brazed	M115-230	120H0110	120H0121	-	120H0132	120H0143
	Rotolock	M24	120H0115	120H0126	-	120H0137	120H0148
	Rotolock	M115-230	120H0117	120H0128	-	120H0139	120H0150
SH380	Brazed	M24	120H0152	120H0160	-	120H0168	120H0176
	Brazed	M115-230	120H0154	120H0162	-	120H0170	120H0178
	Rotolock	M24	120H0156	120H0164	-	120H0172	120H0180
	Rotolock	M115-230	120H0158	120H0166	-	120H0174	120H0182

			code numbers for single packs				
SH090	Brazed	Internal	120H0001	120H0003	120H0005	120H0007	120H0009
SH120	Brazed	Internal	120H0011	120H0013	120H0015	120H0017	120H0019
SH161	Brazed	Internal	120H0021	120H0023	120H0025	120H0027	120H0029
SH180	Brazed	M24	120H0031	120H0039	-	120H0047	120H0055
	Brazed	M230	120H0033	120H0041	-	120H0049	120H0057
	Rotolock	M24	120H0035	120H0043	-	120H0051	120H0059
	Rotolock	M230	120H0037	120H0045	-	120H0053	120H0061
SH240	Brazed	M24	120H0063	120H0074	-	120H0085	120H0096
	Brazed	M115-230	120H0065	120H0076	-	120H0087	120H0098
	Rotolock	M24	120H0070	120H0081	-	120H0092	120H0103
	Rotolock	M115-230	120H0072	120H0083	-	120H0094	120H0105
SH300	Brazed	M24	120H0107	120H0118	-	120H0129	120H0140
	Brazed	M115-230	120H0109	120H0120	-	120H0131	120H0142
	Rotolock	M24	120H0114	120H0125	-	120H0136	120H0147
	Rotolock	M115-230	120H0116	120H0127	-	120H0138	120H0149
SH380	Brazed	M24	120H0151	120H0159	-	120H0167	120H0175
	Brazed	M115-230	120H0153	120H0161	-	120H0169	120H0177
	Rotolock	M24	120H0155	120H0163	-	120H0171	120H0179
	Rotolock	M115-230	120H0157	120H0165	-	120H0173	120H0181

## FURTHER REFERENCE



### Selection and Application Guidelines for Performer scroll compressors, SH, 50-60 Hz, R410A.

Technical data, electrical data, application and installation information.  
Literature: FRCC EC.007.B1.02.



### Online Datasheet Generator.

User-friendly access to datasheets with full technical data, performance tables, spareparts and accessories and outline drawings. [www.danfoss.com/odsg](http://www.danfoss.com/odsg).



### Foresee™ calculation software.

For precise compressor selection and performance calculation at user defined conditions. Literature FRCC.IT.4C1.A3.02 (CD-ROM with program version 2.0).

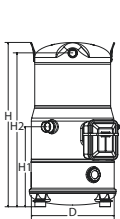
Above documents and software are also available for download from our website: <http://cc.danfoss.com>

## PRODUCT RANGE

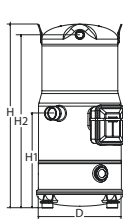
Model	Voltage code - Nominal voltage - Range				
	3	4	6	7	9
	200-230/3/60	400/3/50 460/3/60	230/3/50	500/3/50 575/3/60	380/3/60
SH090	●	●	●	●	●
SH120	●	●	●	●	●
SH161	●	●	●	●	●
SH180	●●	●●	-	●●	●●
SH240	●●	●●	-	●●	●●
SH300	●●	●●	-	●●	●●
SH380	●●	●●	-	●●	●●

● Brazed version ● Rotolock version

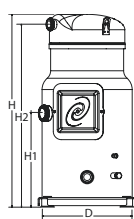
Model	Dimensions			
	D (mm)	H (mm)	H1 (mm)	H2 (mm)
SH090	243	483	235	452
SH120	243	540	278	509
SH161	243	540	278	509
SH180	318	679	331	664
SH240	318	679	331	664
SH300	333	723	331	658
SH380	333	755	331	696



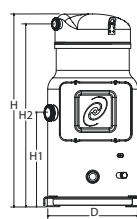
SH090



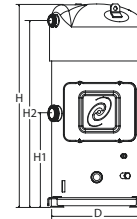
SH120 - SH161



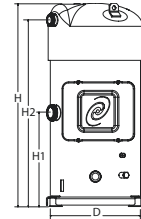
SH180



SH240



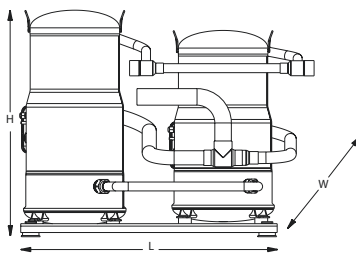
SH300



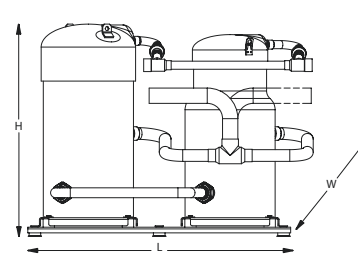
SH380

Tandem model	Composition	Voltage code - Nominal voltage - Range				
		3	4	6	7	9
		200-230/3/60	400/3/50 460/3/60	230/3/50	500/3/50 575/3/60	380/3/60
SH182	SH090 + SH090	●	●	●	●	●
SH210	SH120 + SH090	●	●	●	●	●
SH242	SH120 + SH120	●	●	●	●	●
SH281	SH161 + SH120	●	●	●	●	●
SH322	SH161 + SH161	●	●	●	●	●
SH360	SH180 + SH180	●	●	-	●	●
SH420	SH240 + SH180	●	●	-	●	●
SH480	SH300 + SH180	●	●	-	●	●
SH482	SH240 + SH240	●	●	-	●	●
SH540	SH300 + SH240	●	●	-	●	●
SH600	SH300 + SH300	●	●	-	●	●
SH760	SH380 + SH380	●	●	-	●	●

Tandem model	Dimensions		
	L (mm)	W (mm)	H (mm)
SH182	732	425	506
SH210	732	425	563
SH242	724	425	563
SH281	724	425	563
SH322	724	425	563
SH360	985	526	700
SH420	987	533	700
SH480	987	535	737
SH482	985	533	700
SH540	987	535	737
SH600	985	535	737
SH760	990	535	770



SH182 - SH210 - SH242 - SH281 - SH322



SH360 - SH420 - SH480 - SH482 - SH540 - SH600 - SH760

## NAMEPLATE REFERENCE

SH | 300 | A | 4 | AB | A

**SH:** Scroll, for R410A

**Nominal capacity** in thousand Btu/h at 60 Hz, R410A, ARI conditions

**UL index**

**Motor voltage code:**  
 3: 200-230/3/60  
 4: 380-400/3/50 - 460/3/60  
 6: 230/3/50  
 7: 500/3/50 - 575/3/60  
 9: 380/3/60

**Evolution index**

**Motor protection**

L: Internal overload protector  
 A: Electronic, 24V  
 B: Electronic, SH180: 230V  
 C: Customized electrical box

**Suction and discharge connections**

A: Brazed connections  
 M: Rotolock connections

**SH - R410A**
**50 Hz PERFORMANCE DATA**

Model	To	-20		-15		-10		-5		0		5		10		15	
	Tc	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe
SH090-4	35	9 730	4.5	12 140	4.6	14 960	4.7	18 230	4.8	21 990	4.8	26 310	4.9	31 230	4.9	36 790	4.9
	45	8 460	5.6	10 670	5.7	13 220	5.7	16 180	5.8	19 590	5.9	23 510	5.9	27 970	6.0	33 040	6.0
	55	-	-	-	-	11 330	7.1	13 930	7.1	16 940	7.2	20 410	7.2	24 390	7.3	28 930	7.4
SH120-4	35	13 070	5.9	16 310	6.0	20 090	6.1	24 480	6.2	29 540	6.3	35 330	6.4	41 930	6.5	49 400	6.5
	45	11 370	7.4	14 340	7.4	17 780	7.5	21 750	7.6	26 330	7.7	31 590	7.8	37 580	7.9	44 380	7.9
	55	-	-	-	-	15 220	9.3	18 720	9.4	22 760	9.5	27 420	9.5	32 750	9.6	38 820	9.7
SH161-4	35	17 320	7.8	21 470	7.9	26 300	7.9	31 900	8.0	38 350	8.0	45 730	8.1	54 120	8.2	63 620	8.4
	45	15 080	9.8	18 890	9.8	23 310	9.8	28 420	9.8	34 310	9.9	41 050	9.9	48 730	10.0	57 450	10.1
	55	-	-	-	-	19 850	12.4	24 350	12.3	29 540	12.3	35 520	12.3	42 380	12.3	50 200	12.3
SH180-4	35	19 200	9.4	23 870	9.3	29 340	9.2	35 740	9.2	43 150	9.1	51 690	9.1	61 460	9.1	72 560	9.1
	45	16 080	11.8	20 530	11.6	25 670	11.4	31 610	11.3	38 450	11.3	46 310	11.2	55 280	11.2	65 470	11.2
	55	-	-	-	-	21 790	14.3	27 120	14.1	33 230	14.0	40 240	13.9	48 260	13.9	57 400	13.9
SH240-4	35	26 450	12.2	32 880	12.2	40 380	12.2	49 070	12.2	59 080	12.2	70 540	12.2	83 570	12.3	98 300	12.6
	45	22 840	15.2	28 750	15.3	35 610	15.3	43 550	15.3	52 680	15.2	63 140	15.2	75 070	15.2	88 570	15.3
	55	-	-	-	-	30 370	19.2	37 400	19.2	45 520	19.1	54 850	19.1	65 540	19.0	77 710	19.0
SH300-4	35	33 720	16.0	41 790	16.1	51 210	16.2	62 140	16.2	74 710	16.2	89 110	16.2	105 470	16.2	123 970	16.2
	45	29 260	19.5	36 720	19.7	45 390	19.7	55 410	19.8	66 960	19.8	80 190	19.8	95 250	19.8	112 320	19.7
	55	-	-	-	-	38 620	24.3	47 480	24.3	57 730	24.4	69 540	24.3	83 060	24.3	98 470	24.2
SH380-4	35	40 130	18.7	49 630	18.7	60 680	18.7	73 500	18.8	88 250	18.9	105 140	19.0	124 360	19.1	146 090	19.1
	45	35 000	23.0	43 710	22.9	53 800	22.9	65 460	23.0	78 890	23.1	94 280	23.2	111 820	23.3	131 710	23.4
	55	-	-	-	-	45 930	28.3	56 170	28.3	68 020	28.4	81 660	28.5	97 290	28.6	115 110	28.7
SH182-4	35	19 180	9.0	23 930	9.2	29 470	9.4	35 900	9.5	43 330	9.6	51 830	9.8	61 520	9.8	72 480	9.9
	45	16 670	11.2	21 010	11.3	26 050	11.4	31 870	11.6	38 600	11.7	46 310	11.9	55 110	12.0	65 100	12.1
	55	-	-	-	-	22 320	14.2	27 450	14.3	33 380	14.4	40 210	14.5	48 050	14.6	56 990	14.7
SH210-4	35	22 460	10.5	28 030	10.6	34 520	10.8	42 060	11.0	50 760	11.2	60 720	11.3	72 060	11.4	84 900	11.5
	45	19 540	13.0	24 630	13.1	30 530	13.3	37 360	13.4	45 240	13.6	54 270	13.7	64 570	13.9	76 260	14.0
	55	-	-	-	-	26 150	16.4	32 160	16.5	39 110	16.7	47 110	16.8	56 280	16.9	66 740	17.0
SH242-4	35	25 750	11.9	32 130	12.1	39 580	12.3	48 220	12.5	58 180	12.7	69 600	12.8	82 600	12.9	97 320	13.0
	45	22 400	14.7	28 240	14.9	35 020	15.1	42 850	15.2	51 880	15.4	62 230	15.6	74 030	15.7	87 430	15.9
	55	-	-	-	-	29 980	18.7	36 880	18.8	44 840	18.9	54 010	19.1	64 510	19.2	76 480	19.3
SH281-4	35	29 930	13.8	37 210	13.9	45 690	14.1	55 530	14.2	66 860	14.3	79 840	14.5	94 610	14.7	111 320	14.9
	45	26 050	17.2	32 730	17.3	40 470	17.4	49 420	17.5	59 730	17.6	71 550	17.7	85 020	17.8	100 300	18.0
	55	-	-	-	-	34 540	21.7	42 420	21.8	51 520	21.8	62 000	21.9	74 000	21.9	87 690	22.0
SH322-4	35	34 110	15.7	42 290	15.7	51 810	15.8	62 840	15.9	75 540	16.0	90 080	16.2	106 620	16.4	125 330	16.7
	45	29 700	19.6	37 220	19.6	45 930	19.7	55 990	19.7	67 580	19.7	80 870	19.8	96 010	19.9	113 170	20.1
	55	-	-	-	-	39 110	24.7	47 960	24.7	58 200	24.6	69 980	24.6	83 500	24.6	98 900	24.7
SH360-4	35	37 820	18.8	47 020	18.6	57 810	18.4	70 400	18.3	85 010	18.3	101 830	18.2	121 080	18.2	142 950	18.1
	45	31 670	23.6	40 450	23.2	50 580	22.9	62 280	22.7	75 760	22.5	91 230	22.4	108 900	22.4	128 980	22.4
	55	-	-	-	-	42 930	28.6	53 420	28.3	65 460	28.0	79 270	27.8	95 080	27.8	113 080	27.7
SH420-4	35	44 960	21.6	55 890	21.5	68 680	21.4	83 540	21.4	100 700	21.3	120 400	21.3	142 860	21.4	168 300	21.6
	45	38 330	27.0	48 540	26.9	60 360	26.7	74 030	26.6	89 770	26.5	107 810	26.4	128 390	26.4	151 730	26.5
	55	-	-	-	-	51 380	33.5	63 550	33.3	77 560	33.1	93 670	33.0	112 100	32.9	133 080	32.8
SH480-4	35	52 120	25.5	64 680	25.4	79 350	25.4	96 410	25.4	116 100	25.4	138 690	25.3	164 430	25.3	193 580	25.3
	45	44 660	31.4	56 390	31.3	69 990	31.2	85 720	31.1	103 830	31.1	124 600	31.0	148 270	31.0	175 120	30.9
	55	-	-	-	-	59 500	38.6	73 480	38.5	89 600	38.4	108 130	38.3	129 360	38.2	153 530	38.1
SH482-4	35	52 110	24.4	64 770	24.4	79 540	24.4	96 670	24.3	116 390	24.3	138 970	24.4	164 630	24.7	193 640	25.1
	45	44 990	30.3	56 640	30.5	70 150	30.5	85 780	30.5	103 780	30.4	124 400	30.3	147 880	30.4	174 490	30.5
	55	-	-	-	-	59 830	38.3	73 680	38.3	89 670	38.2	108 060	38.1	129 120	38.0	153 090	37.9
SH540-4	35	59 270	28.2	73 550	28.3	90 220	28.4	109 540	28.4	131 790	28.4	157 250	28.4	186 210	28.5	218 930	28.8
	45	51 310	34.7	64 490	34.9	79 780	35.0	97 470	35.0	117 850	35.0	141 180	35.0	167 770	35.0	197 880	35.0
	55	-	-	-	-	67 960	43.4	83 610	43.5	101 700	43.5	122 530	43.4	146 370	43.3	173 540	43.2
SH600-4	35	66 430	32.0	82 340	32.2	100 890	32.3	122 410	32.4	147 190	32.4	175 540	32.4	207 780	32.4	244 210	32.4
	45	57 640	39.0	72 340	39.3	89 410	39.5	109 160	39.6	131 910	39.6	157 970	39.5	187 650	39.5	221 270	39.4
	55	-	-	-	-	76 080	48.5	93 530	48.6	113 730	48.7	136 990	48.6	163 630	48.6	193 990	48.4
SH760-4	35	80 260	37.4	99 250	37.4	121 370	37.5	147 000	37.7	176 510	37.8	210 290	38.0	248 720	38.1	292 170	38.1
	45	70 000	46.0	87 420	45.9	107 600	45.9	130 930	46.0	157 790	46.2	188 570	46.5	223 650	46.7	263 420	46.8
	55	-	-	-	-	91 850	56.7	112 350	56.7	136 040	56.8	163 310	57.0	194 580	57.2	230 230	57.4

Performance data for SH090-120-161-380 and corresponding tandem models are provisional data

 Legend: **To:** Evaporating temperature in °C      **Qo:** Cooling capacity in W      Superheat = 11.1 K      Voltage: 400 V / 3 / 50 Hz  
**Tc:** Condensing temperature in °C      **Pe:** Power input in kW      Subcooling = 8.3 K

# SH - R410A

# 60 Hz PERFORMANCE DATA

Model	To Tc	-20		-15		-10		-5		0		5		10		15	
		Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe	Qo	Pe
SH090-4	35	11 800	5.4	14 690	5.5	18 050	5.6	21 940	5.7	26 440	5.8	31 590	5.9	37 450	6.0	44 100	6.1
	45	10 340	6.7	12 990	6.7	16 060	6.8	19 620	6.9	23 720	7.0	28 430	7.1	33 800	7.2	39 890	7.3
	55	-	-	-	-	13 830	8.4	16 980	8.5	20 620	8.5	24 820	8.6	29 630	8.7	35 120	8.8
SH120-4	35	16 010	7.2	19 930	7.3	24 490	7.4	29 760	7.5	35 840	7.7	42 790	7.8	50 710	8.1	59 660	8.3
	45	13 990	8.8	17 630	8.9	21 820	9.0	26 640	9.1	32 180	9.2	38 520	9.4	45 740	9.5	53 910	9.8
	55	-	-	-	-	18 730	11.1	23 050	11.1	28 010	11.2	33 680	11.3	40 150	11.5	47 490	11.6
SH161-4	35	21 390	9.2	26 330	9.3	32 080	9.5	38 740	9.6	46 420	9.7	55 210	9.9	65 220	10.1	76 560	10.3
	45	18 740	11.4	23 260	11.5	28 510	11.6	34 590	11.7	41 590	11.8	49 630	11.9	58 800	12.1	69 220	12.2
	55	-	-	-	-	24 480	14.3	29 850	14.4	36 070	14.5	43 240	14.6	51 460	14.7	60 830	14.8
SH180-4	35	24 030	10.8	29 730	10.8	36 350	10.9	44 030	10.9	52 900	10.9	63 090	10.9	74 730	10.9	87 960	10.9
	45	20 280	13.5	25 600	13.5	31 740	13.5	38 820	13.5	46 970	13.5	56 340	13.6	67 050	13.6	79 230	13.6
	55	-	-	-	-	26 960	16.8	33 350	16.7	40 710	16.7	49 160	16.7	58 850	16.7	69 900	16.7
SH240-4	35	32 870	14.5	40 560	14.6	49 510	14.6	59 880	14.7	71 820	14.7	85 500	14.8	101 070	15.0	118 700	15.3
	45	28 840	17.9	35 880	18.0	44 040	18.1	53 470	18.2	64 330	18.3	76 790	18.3	91 000	18.4	107 130	18.5
	55	-	-	-	-	38 010	22.5	46 350	22.6	55 980	22.7	67 060	22.7	79 760	22.8	94 230	22.9
SH300-4	35	40 840	19.1	50 620	19.3	62 000	19.4	75 200	19.5	90 390	19.6	107 800	19.7	127 620	19.8	150 060	20.0
	45	35 730	23.2	44 700	23.4	55 100	23.6	67 130	23.7	81 000	23.8	96 900	23.8	115 030	23.9	135 610	24.0
	55	-	-	-	-	47 350	28.8	57 970	28.9	70 260	29.0	84 410	29.1	100 620	29.1	119 100	29.1
SH380-4	35	48 760	22.6	60 230	22.7	73 640	22.9	89 230	23.0	107 250	23.2	127 950	23.4	151 580	23.8	178 390	24.3
	45	42 710	27.5	53 170	27.7	65 360	27.8	79 540	27.9	95 960	28.0	114 860	28.2	136 480	28.4	161 090	28.8
	55	-	-	-	-	56 080	34.0	68 560	34.1	83 070	34.2	99 870	34.3	119 210	34.5	141 320	34.7
SH182-4	35	23 250	10.8	28 930	11.0	35 550	11.2	43 230	11.4	52 080	11.6	62 220	11.8	73 780	12.1	86 870	12.3
	45	20 370	13.3	25 590	13.5	31 640	13.7	38 650	13.8	46 730	14.0	56 000	14.2	66 580	14.4	78 590	14.6
	55	-	-	-	-	27 240	16.8	33 450	16.9	40 630	17.1	48 890	17.3	58 370	17.4	69 180	17.6
SH210-4	35	27 390	12.6	34 090	12.8	41 900	13.0	50 930	13.2	61 340	13.5	73 260	13.8	86 840	14.1	102 200	14.5
	45	23 970	15.5	30 160	15.6	37 310	15.8	45 560	16.0	55 060	16.2	65 940	16.5	78 340	16.8	92 400	17.1
	55	-	-	-	-	32 070	19.5	39 430	19.6	47 900	19.8	57 620	20.0	68 730	20.2	81 370	20.4
SH242-4	35	31 530	14.3	39 260	14.5	48 240	14.7	58 630	15.0	70 600	15.3	84 300	15.7	99 890	16.1	117 530	16.6
	45	27 570	17.6	34 720	17.8	42 980	17.9	52 480	18.2	63 400	18.4	75 890	18.7	90 110	19.1	106 210	19.5
	55	-	-	-	-	36 890	22.1	45 410	22.3	55 170	22.4	66 350	22.6	79 090	22.9	93 560	23.2
SH281-4	35	36 840	16.4	45 570	16.6	55 720	16.8	67 480	17.1	81 020	17.4	96 530	17.8	114 190	18.1	134 180	18.6
	45	32 240	20.2	40 280	20.3	49 570	20.5	60 310	20.8	72 670	21.0	86 830	21.3	102 970	21.6	121 290	22.0
	55	-	-	-	-	42 560	25.4	52 110	25.5	63 120	25.7	75 760	25.9	90 230	26.1	106 700	26.4
SH322-4	35	42 140	18.4	51 870	18.7	63 200	18.9	76 320	19.2	91 440	19.5	108 760	19.8	128 490	20.2	150 820	20.6
	45	36 910	22.7	45 830	22.9	56 170	23.1	68 140	23.3	81 930	23.6	97 770	23.8	115 840	24.1	136 360	24.5
	55	-	-	-	-	48 230	28.7	58 810	28.8	71 060	28.9	85 180	29.1	101 370	29.3	119 830	29.6
SH360-4	35	47 330	21.5	58 570	21.7	71 620	21.8	86 750	21.8	104 210	21.9	124 280	21.9	147 210	21.8	173 270	21.8
	45	39 950	27.1	50 440	27.1	62 530	27.1	76 470	27.1	92 540	27.1	110 990	27.1	132 080	27.2	156 080	27.3
	55	-	-	-	-	53 120	33.6	65 710	33.5	80 200	33.3	96 850	33.3	115 930	33.3	137 690	33.5
SH420-4	35	56 040	25.2	69 240	25.4	84 580	25.5	102 360	25.6	122 850	25.7	146 360	25.8	173 160	25.9	203 550	26.2
	45	48 380	31.4	60 560	31.6	74 640	31.7	90 900	31.7	109 640	31.8	131 130	31.9	155 680	32.0	183 560	32.2
	55	-	-	-	-	64 000	39.3	78 510	39.4	95 240	39.4	114 480	39.4	136 530	39.5	161 660	39.6
SH480-4	35	63 890	29.9	79 140	30.1	96 880	30.3	117 440	30.4	141 140	30.5	168 330	30.6	199 320	30.8	234 440	31.0
	45	55 170	36.7	69 250	36.9	85 540	37.1	104 360	37.2	126 050	37.3	150 940	37.4	179 350	37.5	211 620	37.6
	55	-	-	-	-	73 200	45.6	89 960	45.7	109 310	45.7	131 570	45.7	157 080	45.7	186 160	45.8
SH482-4	35	64 750	28.9	79 910	29.1	97 540	29.2	117 960	29.3	141 490	29.5	168 430	29.7	199 110	30.0	233 830	30.5
	45	56 820	35.7	70 690	36.0	86 750	36.3	105 330	36.4	126 730	36.5	151 280	36.6	179 270	36.8	211 040	37.0
	55	-	-	-	-	74 880	45.0	91 310	45.2	110 280	45.4	132 110	45.5	157 130	45.6	185 630	45.7
SH540-4	35	72 600	33.6	89 810	33.8	109 850	34.0	133 050	34.2	159 780	34.3	190 400	34.5	225 260	34.8	264 720	35.3
	45	63 610	41.0	79 380	41.4	97 650	41.7	118 790	41.9	143 150	42.0	171 080	42.1	202 950	42.3	239 100	42.5
	55	-	-	-	-	84 080	51.3	102 760	51.6	124 350	51.7	149 200	51.8	177 680	51.9	210 130	52.0
SH600-4	35	80 450	38.2	99 720	38.5	122 150	38.8	148 130	39.0	178 080	39.1	212 370	39.3	251 420	39.6	295 610	40.0
	45	70 400	46.3	88 070	46.8	108 550	47.1	132 250	47.3	159 570	47.5	190 890	47.6	226 620	47.8	267 160	48.0
	55	-	-	-	-	93 270	57.6	114 210	57.9	138 420	58.0	166 290	58.1	198 230	58.1	234 630	58.1
SH760-4	35	97 520	45.2	120 460	45.5	147 270	45.7	178 450	46.0	214 500	46.3	255 900	46.9	303 160	47.6	356 780	48.6
	45	85 420	54.9	106 340	55.3	130 730	55.6	159 090	55.8	191 920	56.1	229 710	56.4	272 970	56.8	322 180	57.5
	55	-	-	-	-	112 160	67.9	137 120	68.2	166 150	68.4	199 750	68.7	238 410	69.0	282 650	69.4

Performance data for SH090-120-161-380 and corresponding tandem models are provisional data

Legend: **To:** Evaporating temperature in °C      **Qo:** Cooling capacity in W      Superheat = 11.1 K      Voltage: 460 V / 3 / 60 Hz  
**Tc:** Condensing temperature in °C      **Pe:** Power input in kW      Subcooling = 8.3 K

## **Danfoss Commercial Compressors** <http://cc.danfoss.com>

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