

Positive temperature – Humidity control | R-134a

Compressor		Cooling capacity / Cold room volume according to cold room temperature (RH – relative humidity)													
Model	HP	Power supply	W	m ³	W	m ³	Liq-Gas cooling connec.	Refrig. load (kg)	Power (kW)	Max. Current (A)	Evap. air flow (m ³ /h)	Conden. air flow (m ³ /h)	Weight (kg)	db (A)	
			5°C RH 95%		10°C RH 95%										
HSF-DY-12 015	1/2	230V	1544	22	1906	38	1/4-1/2	<2,0	0,74	6,5	1800	1700	57+32	34	
HSF-DY-12 026	3/4	230V	2116	32	2594	53	1/4-1/2	<2,0	1,06	10,2	1800	1700	65+32	34	
HSF-DY-13 033	1	230V	2620	43	3192	73	1/4-1/2	<2,5	1,30	11,0	3150	1700	67+45	34	
HSF-DY-13 053	1 1/2	230V	3486	64	4237	103	1/4-5/8	<3,0	1,90	13,6	3150	1700	77+65	35	
HSF-DY-14 074	2	230V	4977	91	6090	148	1/4-3/4	<5,0	2,57	17,7	5700	1700	79+65	37	
HSF-DY-24 086	4	400V	6773	134	8311	217	3/8-7/8	<6,0	2,87	14,5	5700	3700	96+65	38	
HSF-DY-24 108	5	400V	7865	158	9713	263	3/8-7/8	<6,0	3,40	17,5	5700	3700	98+65	35	
HSF-DY-24 136	6 1/2	400V	9870	202	11960	331	3/8-1 1/8	<6,5	4,44	21,5	5700	3700	101+70	34	

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		5°C RH 95%		10°C RH 95%										
HSF-DG-1 014	1/2	230V	1801	25	2112	41	1/4-1/2	<2,0	0,85	6,6	1100	1700	59+32	34
HSF-DG-1 016	5/8	230V	2015	29	2378	47	1/4-1/2	<2,0	0,93	7,5	1100	1700	67+32	34
HSF-DG-1 018	3/4	230V	2582	38	3036	62	1/4-1/2	<2,0	1,22	9,1	1800	1700	68+45	34
HSF-DG-1 024	1	230V	2945	46	3478	75	3/8-5/8	<3,5	1,40	11,3	1800	1700	82+45	34
HSF-DG-1 026	1 1/4	230V	3289	54	3849	86	3/8-5/8	<3,5	1,53	16,3	1800	1700	83+45	34
HSF-DG-1 034	1 1/2	230V	3734	64	4361	100	3/8-5/8	<3,5	2,09	5,9	1800	1700	83+45	35
HSF-DG-1 038	1 3/4	400V	4905	85	5760	135	3/8-5/8	<4,0	2,02	7,8	3150	3200	82+65	29
HSF-DG-2 048	2	400V	6170	115	7244	175	3/8-3/4	<5,0	2,53	7,9	3150	3700	84+65	26
HSF-DG-2 054	2 1/2	400V	6852	130	7997	200	3/8-3/4	<5,0	2,77	9,8	3150	3700	85+65	26
HSF-DG-2 060	3	400V	7844	150	9122	230	3/8-3/4	<5,0	3,28	11,3	3800	3700	88+65	26
HSF-DG-2 068	3 1/2	400V	8576	165	9934	260	1/2-3/4	<5,0	3,77	12,3	3800	3700	88+65	25
HSF-DG-3 086	4	400V	10308	200	12124	320	1/2-7/8	<9,0	4,74	14,5	5700	4000	115+70	38

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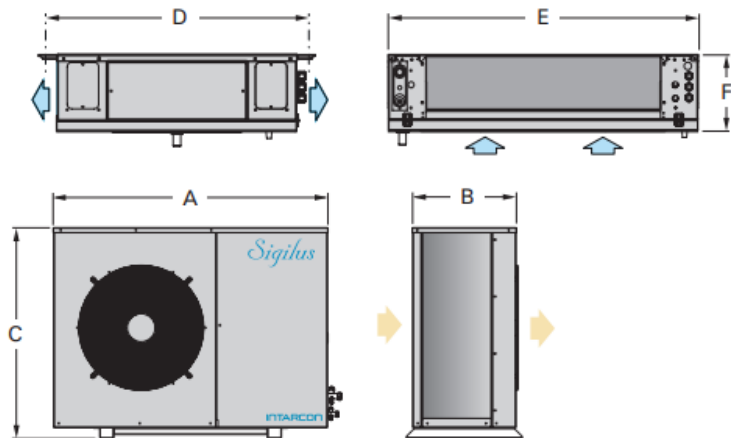
Model	HP	Cooling capacity 5°C RH 95%		Model	HP	Cooling capacity 5°C RH 95%	
		W	m ³			W	m ³
HSH-CDY-12 015	1/2	1415	21	HSH-CDY-23 074	2	4526	82
HSH-CDY-12 026	3/4	1859	28	HSH-CDY-34 074	2	5140	93
HSH-CDY-12 033	1	2242	32	HSH-CDY-44 086	4	6741	134
HSH-CDY-23 033	1	2746	45	HSH-CDY-44 108	5	7817	158
HSH-CDY-23 053	1 1/2	3507	64	HSH-CDY-44 136	6 1/2	9791	200

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HSH-CDG-1 014	1/2	1399	20	HSH-CDG-3 038	1 3/4	4360	77
HSH-CDG-1 016	5/8	1608	22	HSH-CDG-3 048	2	6160	116
HSH-CDG-2 018	3/4	2510	38	HSH-CDG-4 054	2 1/4	6833	132
HSH-CDG-2 024	1	2902	46	HSH-CDG-4 060	3	7652	149
HSH-CDG-2 026	1 1/4	3242	54	HSH-CDG-4 068	3 1/2	8371	164
HSH-CDG-3 034	1 1/2	4056	71				

Options:

- Change (voltage) power supply
- Anti-corrosion condenser coil coating
- Coil protection grille
- Built-in active humidification kit
- Dehumidification and heating kit
- Built-in oil separator
- Anti-corrosion evaporator coil coating
- Proportional control of condensing pressure through fan speed variation (already included in 2/22 series and above)



Dimensions (mm)		A	B	C	D	E	F	Evap. fan
R-134a	12 series	1 030	375	580	798	1 056	245	2x Ø 360
	13 series	1 030	375	580	798	1 756	245	3x Ø 360
	14 series	1 030	375	580	888	2 156	295	3x Ø 450
	24 series	1 080	415	830	888	2 156	295	3x Ø 450
R-449A	HSF-DG-1 014 and 1 016	1 030	375	580	798	706	245	1x Ø 360
	HSF-DG-1 018 up to 1 034	1 030	375	580	798	1 056	245	2x Ø 360
	HSF-DG-1 038	1 030	375	580	798	1 756	245	3x Ø 360
	HSF-DG-2 048 up to 2 068	1 080	415	830	798	1 756	245	3x Ø 360
	HSF-DG-3 086	1 150	480	1 100	888	2 156	295	3x Ø 450