

**Positive temperature | R-134a**

Compressor		Cooling capacity / Cold room volume according to cold room temperature									Power (kW)	Max. Current (A)	Evap. air flow (m³/h)	Condens. air flow (m³/h)	Weight (kg)	db(A)
Model	HP	Power supply	W	m³	W	m³	W	m³	W	m³						
			-5°C		0°C		5°C		10°C							
MSF-NY-00 010	3/8	230V	497	2,9	637	5,0	788	8,8	945	13	0,41	4,2	300	350	46+12	28
MSF-NY-00 015	1/2	230V	653	3,6	832	7,4	1004	11	1188	16	0,51	5,2	300	350	49+12	29
MSF-NY-11 015	1/2	230V	805	4,7	1061	10	1296	14	1582	28	0,56	5,6	550	1700	57+16	34
MSF-NY-11 026	3/4	230V	1076	9,0	1412	16	1738	25	2084	40	0,80	9,2	550	1700	65+16	34
MSF-NY-12 033	1	230V	1475	13	1859	20	2289	35	2741	57	1,02	9,7	1050	1700	67+24	34
MSF-NY-12 053	1 1/2	230V	1811	22	2347	33	2872	50	3439	79	1,42	12,3	1050	1700	77+24	35
MSF-NY-13 074	2	230V	2772	30	3528	50	4363	76	5229	125	1,94	17,2	1725	1700	79+45	37
MSF-NY-23 086	4	400V	3355	38	4384	65	5376	108	6437	160	2,18	14,1	1725	3700	94+45	38
MSF-NY-24 108	5	400V	4347	58	5649	90	6920	138	8316	220	2,83	18,2	3100	3700	98+45	35
MSF-NY-24 136	6 1/2	400V	5486	75	6899	110	8363	150	9949	280	3,55	22,2	3100	3700	101+55	34
MSF-NY-34 171	8	400V	6080	88	7613	130	9240	200	10978	350	4,16	25,2	3100	4000	140+55	40

**Positive temperature | R-449A**

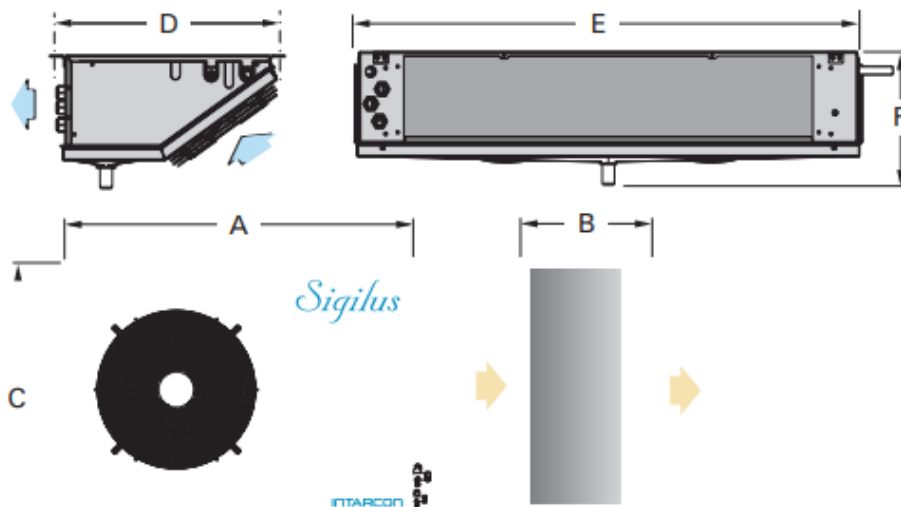
				-5°C		0°C		5°C		10°C						
MSF-NG-0 008	1/3	230V	611	2,9	759	5,0	915	8,8	1103	13	0,43	5,1	300	350	47+12	29
MSF-NG-0 010	3/4	230V	739	3,6	894	6,1	1056	10	1254	15	0,53	4,8	300	350	49+12	29
MSF-NG-0 012	1/2	230V	878	4,7	981	7,4	1153	12	1358	21	0,63	5,6	300	350	50+12	29
MSF-NG-1 014	1/2	230V	882	8,0	1095	12	1322	20	1585	34	0,77	6,5	550	1700	59+16	34
MSF-NG-1 016	5/8	230V	972	10	1210	15	1462	24	1759	40	0,81	7,4	550	1700	67+16	34
MSF-NG-1 018	3/4	230V	1397	12	1649	19	1915	28	2245	45	0,94	8,7	550	1700	68+16	34
MSF-NG-2 024	1	230V	1513	14	1958	22	2420	35	2958	57	1,26	11,1	1050	1700	82+24	34
MSF-NG-2 026	1 1/4	230V	1712	16	2147	25	2611	39	3157	64	1,44	11,5	1050	1700	83+24	34
MSF-NG-2 034	1 1/2	230V	2120	21	2606	33	3117	50	3730	79	1,83	16,1	1050	1700	83+24	35
MSF-NG-3 038	1 3/4	400V	2770	29	3394	46	4078	71	4894	112	1,89	8,1	1725	3200	82+45	29
MSF-NG-4 048	2	400V	3368	39	4231	62	5158	92	6225	145	2,34	9,6	1725	3700	84+45	26
MSF-NG-4 054	2 1/2	400V	3792	47	4671	70	5640	105	6780	160	2,54	10,1	1725	3700	85+45	26

### Negative temperature | R-449A

Model	HP	Power supply	-25°C		-20°C		-15°C		Evap. fan (Ømm)	Liq-Gas cooling conn.	Power (kW)	Max. Current (A)	Evap. Air flow (m³/h)	Condens. air flow (m³/h)	Weight (kg)	db(A)
			W	m³	W	m³	W	m³								
BSF-NG-0 018	5/8	230V	486	1,1	613	2,3	749	4,1	1x 172	1/4-1/2	0,50	4,7	300	350	50+12	28
BSF-NG-1 026	3/4	230V	763	3,2	952	7,0	1155	13	1x 200	1/4-1/2	0,82	8,5	550	1700	67+16	34
BSF-NG-2 034	1 1/4	230V	930	3,9	1107	8,1	1437	15	2x 200	1/4-1/2	1,18	11,3	1050	1700	83+16	34
BSF-NG-2 055	1 3/4	230V	1260	9,0	1710	16	2190	30	2x 200	1/4-5/8	1,70	17,5	1050	1700	85+24	36
BSF-NG-2 075	2 1/2	230V	1655	13	2130	22	2625	38	2x 200	1/4-5/8	2,10	25,5	1050	1700	90+24	37
BSF-NG-3 075	2 1/2	230V	1755	14	2450	27	3080	48	3x 254	1/4-5/8	2,30	26,3	1725	1700	90+45	37
BSF-NG-4 096	3 1/2	400V	2139	19	2670	39	3523	68	3x 254	3/8-3/4	2,48	12,0	1725	3700	97+45	39
BSF-NG-4 108	4 1/4	400V	2463	29	3276	50	4118	78	3x 254	3/8-7/8	2,82	14,6	1725	3700	97+45	37
BSF-NG-4 136	5	400V	2949	37	3775	61	4648	100	3x 254	3/8-7/8	3,64	16,8	1725	3700	100+45	32

#### Options:

- Change (voltage) power supply
- Proportional control of condensing pressure through fan speed variation (except 0 series)
- Coil protection grill
- Built-in oil separator
- Anticorrosion evaporator coil coating
- Anti-corrosion condenser coil coating
- Larger sized multifunctional control



Dimensions (mm)	A	B	C	D	E	F	Evaporator fans
0 and 00 series	670	308	450	417	549	185	1x Ø 172
1 and 11 series	1 030	375	580	430	643	235	1x Ø 200
2 and 12 series	1 030	375	580	430	993	235	2x Ø 200
3 and 13 series	1 030	375	580	508	1 691	235	3x Ø 254
4 and 23 series	1 080	415	830	508	1 691	235	3x Ø 254
24 series	1 080	415	830	547	2 064	285	4x Ø 300
34 series	1 150	480	1 100	547	2 064	285	4x Ø 300