

ASTR®

Refrigeration Technology

ASTR Refrigeration Technology has developed a versatile new Hybrid style of package unit with the ongoing theme of a fully dressed unit and with the versatility of mounting the condenser as part of the package or remotely.



The Industrial Range: The Hybrid

Features:

- Dorin semi hermetic compressor
- Wide Temperature range, medium or low.
- Factory fitted: Accumulator, Liquid Receiver, Oil Separator, Danfos D/P Control, Saginomiya Fan Speed Control, Demountable Suction Line Drier, Liquid line assembly (drier and sight glass), ABB Contactors and gauges.
- For added efficiency the condenser has been designed with liquid sub-cooling adding 6% to the capacity and lowering gas temperature to prolong the life of the compressor.

R404A SATURATED SUCTION TEMP DEG C

Model Number	Ambient Deg C	10	5	0	-5	-10	-15	-20	-25
NFB5500SGMH	35	28840	24310	20320	16810	13750	11110	8850	6930
	45	24440	20520	17080	14070	11460	9220	7300	5670
NFB7500SGMH	35	40270	34100	28650	23840	19640	15980	12830	10130
	45	33950	28660	23990	19900	16340	13250	10590	8310
NFB1000SGMH	35	50500	42740	35850	29790	24480	19870	15900	12520
	45	42690	35980	30060	24870	20350	16450	13090	10230
NFB1500SGMH	35	63270	53720	45230	37740	31180	25460	20510	16260
	45	53950	45510	38070	31540	25850	20940	16710	13110
NFB2000SGMH	35	73480	62300	52390	43660	36020	29380	23640	18740
	45	62250	52590	44070	36590	30070	24420	19550	15380

Model Number	H/P	Compressor	Voltage	Run Amps	Locked Rotor Amps	CF Watts	CF Amps	Liquid Line	Suction Line	Condensor	Liquid Receiver Ltr
NFB500SGM/H	5.5HP	H550CC	380-420/3/50	13.5	63.1	2*120	0.6	1/2	1-1/8	7/8,1/2	10
NFB750SGM/H	7.5HP	H750CC	380-420/3/50	17.5	86.0	2*160	0.8	5/8	1-3/8	7/8,5/8	14
NFB1000SGM/H	10HP	H1000CC	380-420/3/50	23.0	109.0	2*240	1.2	5/8	1-3/8	1 1/8,5/8	18.0
NFB1500SGM/H	15HP	H1500CC	380-420/3/50	34.0	171.0	2*350	1.7	7/8	1-5/8	1 1/8,7/8	30.0
NFB2000SGM/H	20HP	H2000CC	380-420/3/50	38.0	177.0	2*410	1.9	7/8	1-5/8	1 3/8,7/8	35.0

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The company reserves the right to make specification changes without notice.

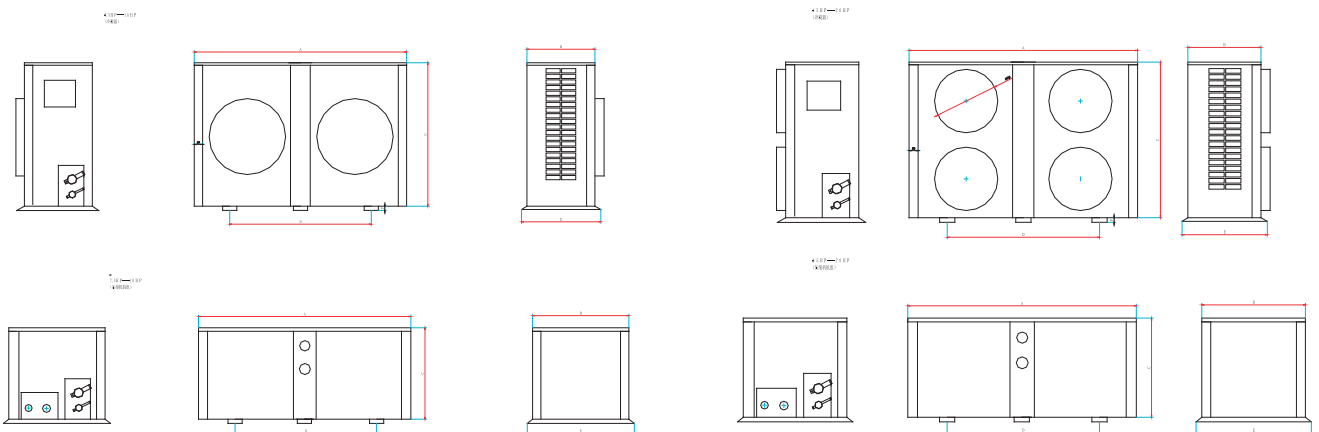
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The Hybrid



Model	Fan		Length mm	Height mm	Depth mm	Weight kg
NFB5500SGMH	2	Compressor	1250	400+80	710+30	154
		Condenser	1250	580+80	530+30	82
NFB7500SGMH	2	Compressor	1350	400+80	855+30	182
		Condenser	1350	580+80	560+30	102
NFB1000SGMH	2	Compressor	1450	420+80	810+30	225
		Condenser	1450	600+80	560+30	115
NFB1500SGMH	4	Compressor	1500	480+80	1020+30	236
		Condenser	1500	680+80	650+30	153
NFB2000SGMH	4	Compressor	1550	480+80	1220+30	255
		Condenser	1550	680+80	650+30	170