



GH CONDENSING UNITS





STRONG. SUPERIOR. STEADFAST.

We're Ryker. Our condensing units are the ultimate chillers, created for optimum and instantaneous cooling. Highly efficient and developed to thrive in outdoor conditions, they're the cream of the crop.



RYKER

GH CONDENSING UNITS

With a strong and sturdy design, Ryker GH condensing units are built to withstand the most extreme conditions, operating in ambients up to 43°C.

Ryker units have your back, whether used for VAT cooling, in cool rooms, food service or food and beverage retail installations. Supremely efficient, Ryker helps you get your job done quickly, easily and reliably.

Strong. Superior. Steadfast.



STANDARD FEATURES

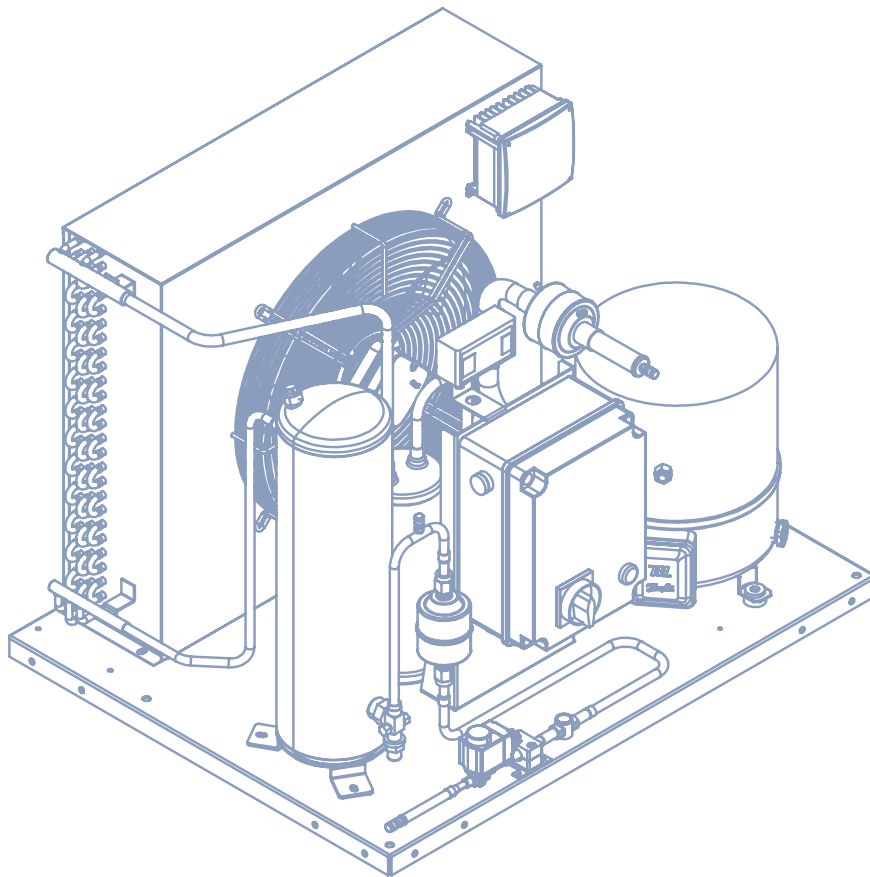
Larger condenser that provides lower energy consumption and higher capacity at any given ambient
Condenser fans are single phase 240V ensuring economical efficiency and reduced risk of failure
Manufactured using a reliable, robust and highly efficient compressor
Compressors are fitted with an internal line break protection to ensure maximum motor protection for long life operation
Condensing units are supplied with sight glass, oil separator, filter drier, suction filter drier and solenoid valve and fully wired electrical enclosure
Designed for use with most common HFC and HFO/HFC refrigerant blends
All models are fully pre-wired for quick installation (DOL)
All models are fitted with a Carel condenser fan speed control
Powder coated exterior for long wearing durability
Range of units to suit applications from 5.2kW to 25.6kW

CONDENSING UNIT NOMENCLATURE

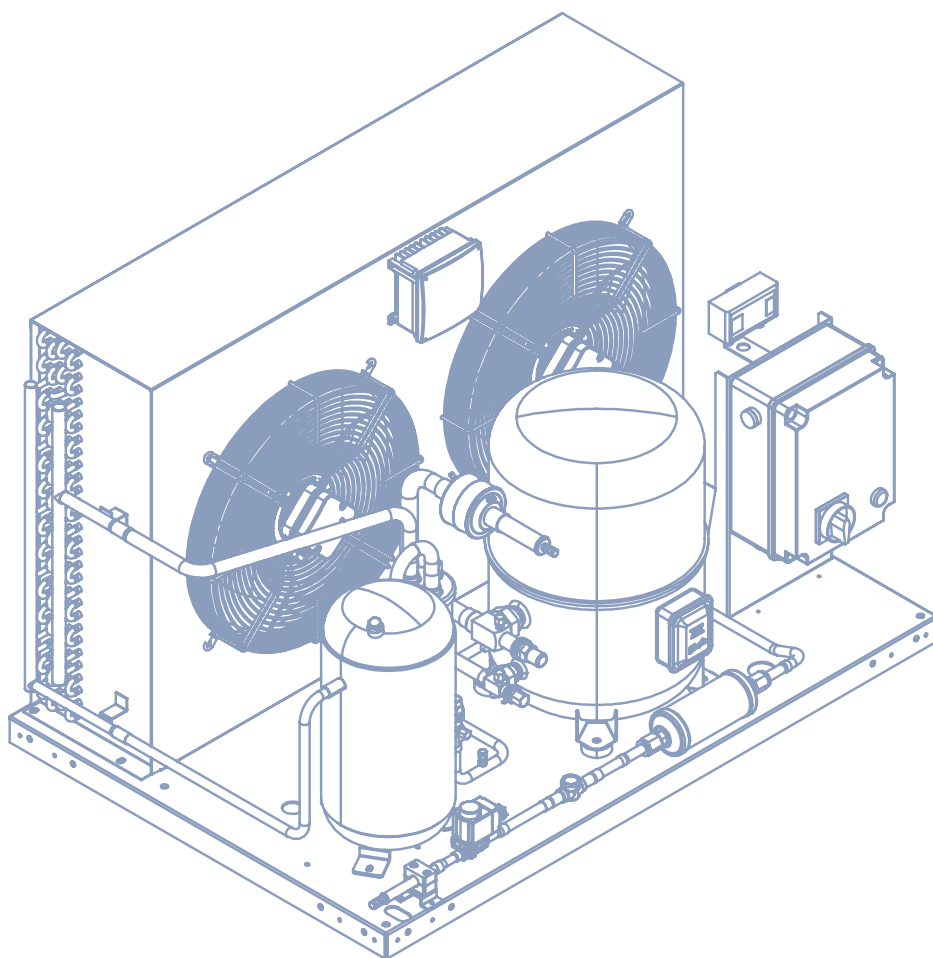
G	H	112	MH	A1	-2
Unit Type G = Indoor Unit	Compressor Type H = Hermetic Recip.	Rated Capacity (R404A) in Watts Divided By 100 32°C Ambient MH and LMH @ -5°C SST L and LM @ -25°C SST	Application Range L (Low), M (Medium), H (High)	Condenser Type and Variation A = Air Cooled	Power Supply & Release Number (Sequential) Even = 3 Phase Supply

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GH CONDENSING UNITS



Product Code	Model	Compressor	Nominal HP	Number of cylinders	Displacement		MOC: Amps	Electrical supply Volts / Phase
					cm ³ /rev	m ³ /hr		
3518000	GH087MHA1-2	MTZo50	4	2	85.6	14.9	11.5	380-420V/3/50Hz
3518001	GH112MHA1-2	MTZo64	5.5	2	107.7	18.74	14.0	380-420V/3/50Hz
3518002	GH144MHA1-2	MTZo80	6.5	2	135.8	23.63	19.0	380-420V/3/50Hz
3518003	GH168MHA1-2	MTZ100	8.5	4	171.3	29.8	22.0	380-420V/3/50Hz
3518004	GH209MHA1-2	MTZ125	10	4	215.4	37.49	27.0	380-420V/3/50Hz
3518005	GH271MHA1-2	MTZ160	13.5	4	271.6	47.25	36.0	380-420V/3/50Hz

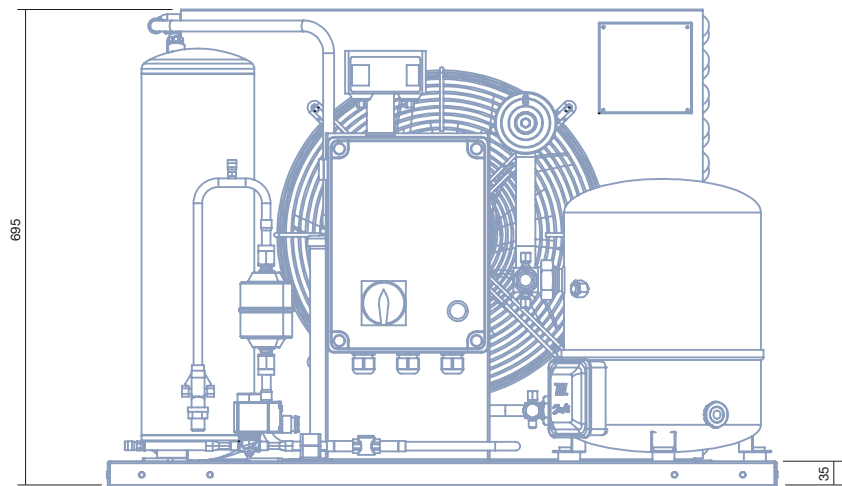


Product Code	Connection Size (inches) Valve		Oil Charge ml	Oil Type	Compressor Weight kg	Overall Dimensions			Overall kg
	Suction	Discharge				L mm	W mm	H mm	
3518000	1 1/8"	1/2"	1800	POE 175PZ	35	980	770	695	96
3518001	1 1/8"	1/2"	1800	POE 175PZ	37	980	770	655	113
3518002	1 1/8"	5/8"	1800	POE 175PZ	40	1270	870	670	117
3518003	1 1/8"	5/8"	3900	POE 175PZ	60	1270	870	820	151
3518004	1 1/8"	5/8"	3900	POE 175PZ	64	1270	870	930	164
3518005	1 1/8"	5/8"	3900	POE 175PZ	67	1270	870	927	199

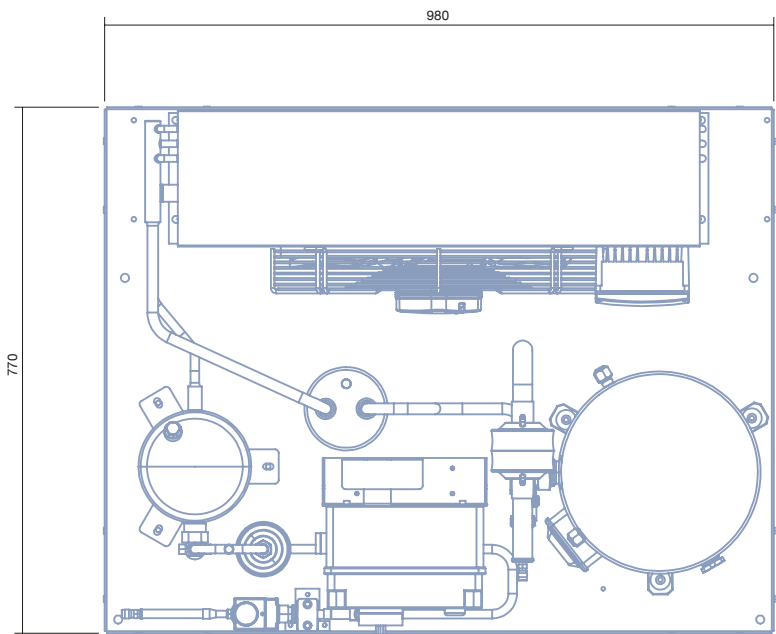
SINGLE FAN MODEL

GH087MHA1-2

FRONT



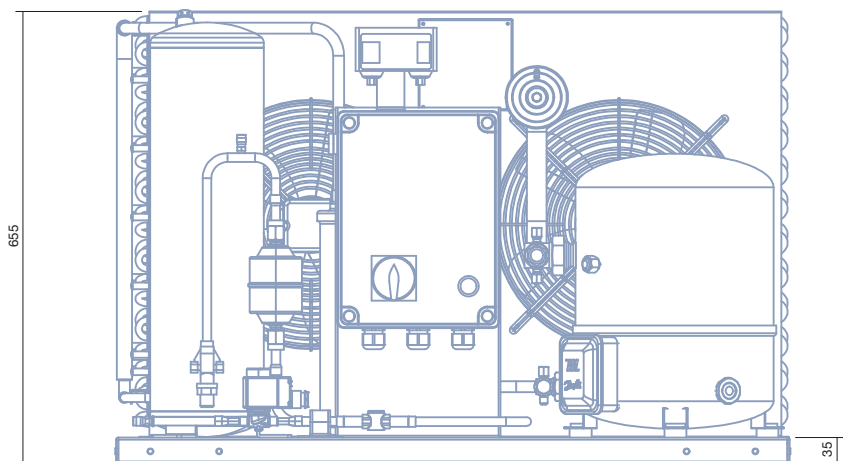
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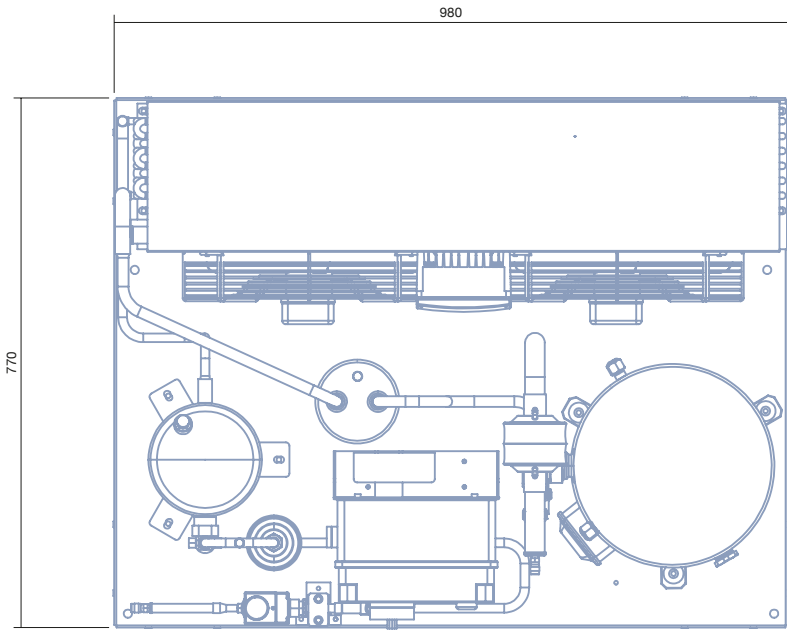
DOUBLE FAN MODELS

GH112MHA1-2

FRONT



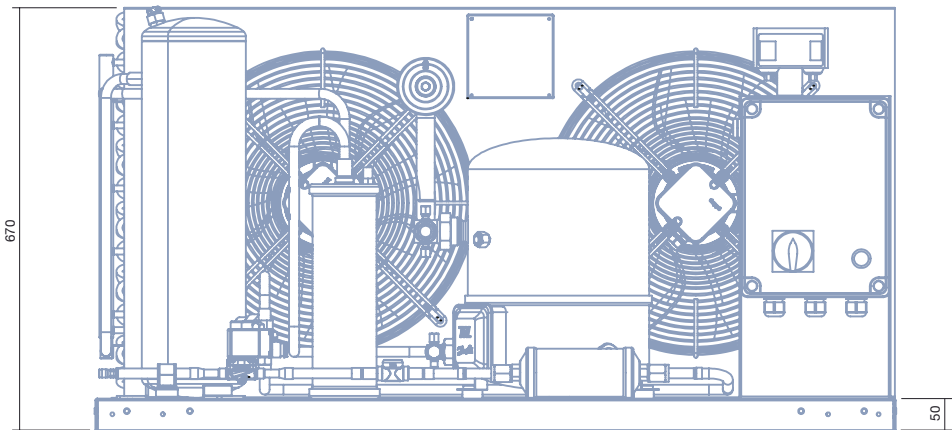
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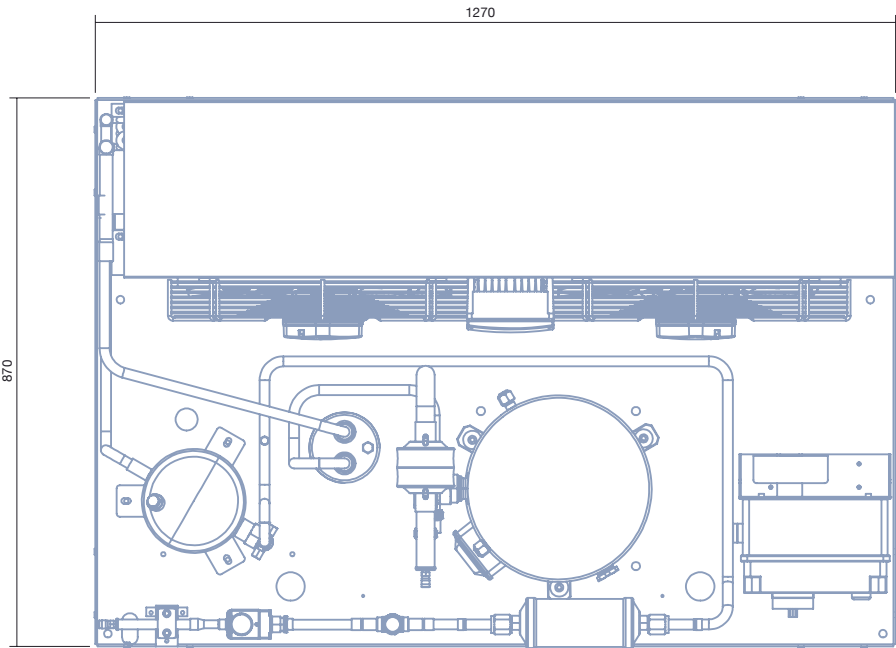
DOUBLE FAN MODELS

GH144MHA1-2

FRONT

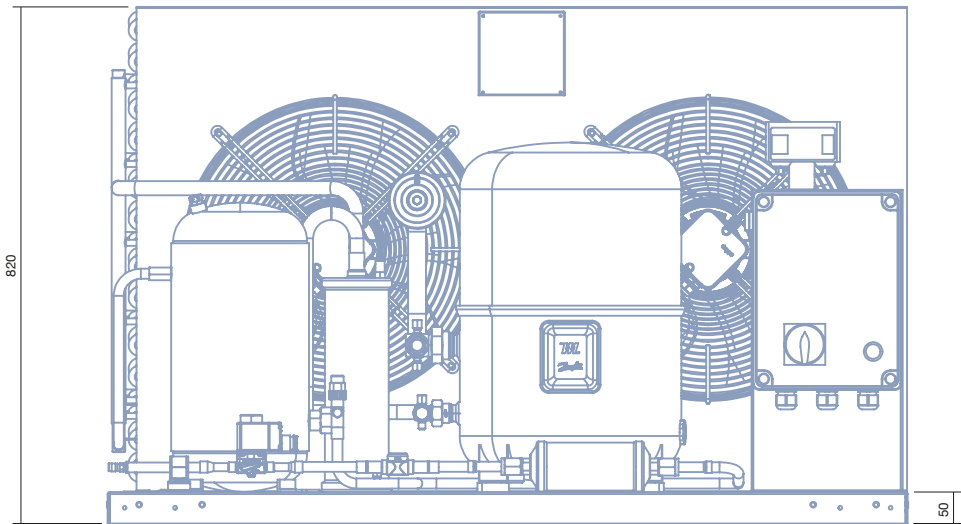


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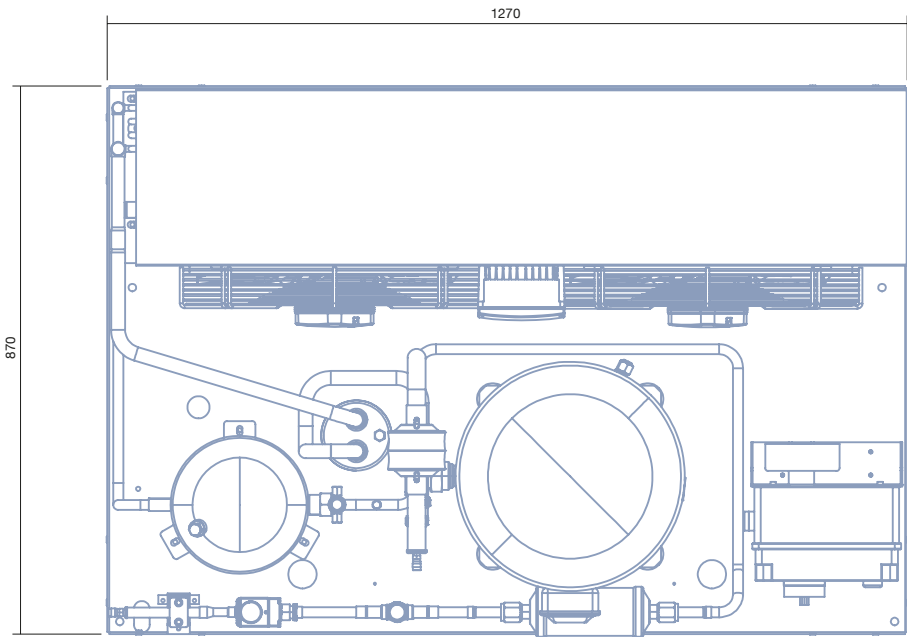


DOUBLE FAN MODELS
GH168MHA1-2

FRONT



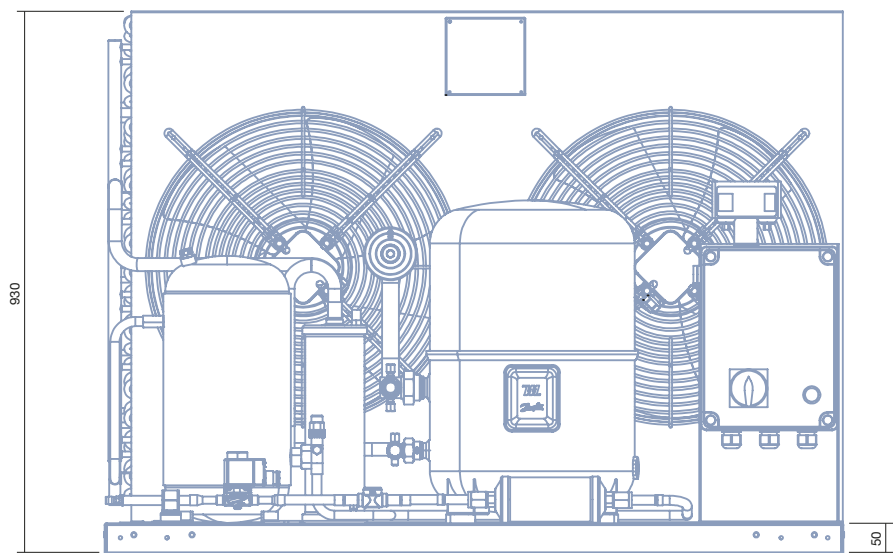
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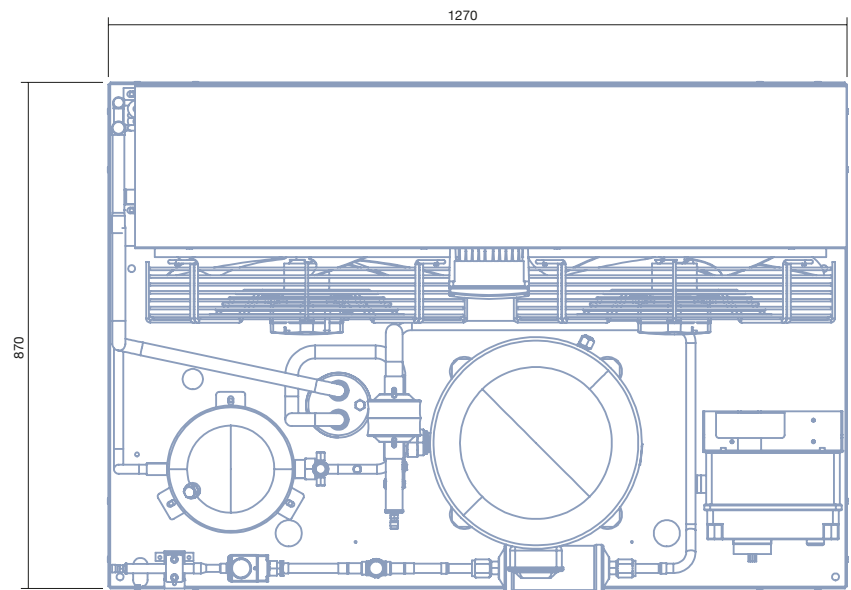
DOUBLE FAN MODELS

GH209MHA1-2

FRONT



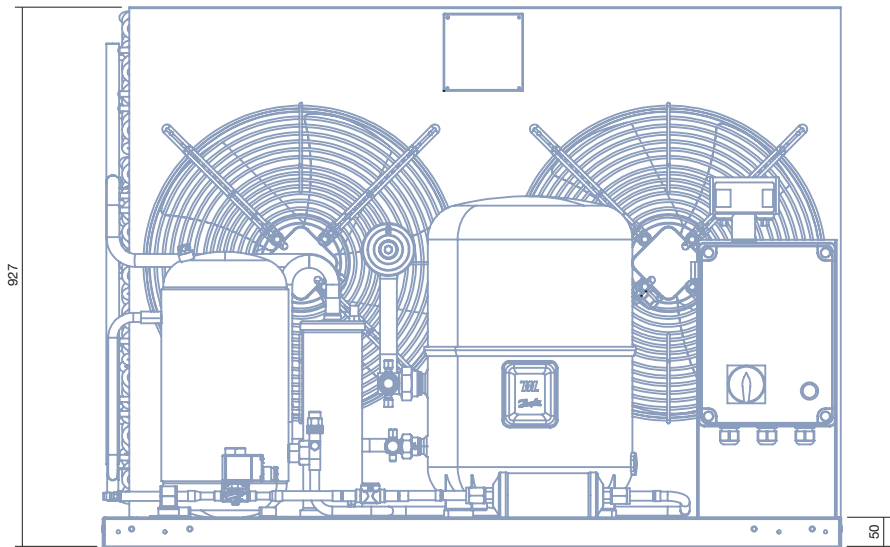
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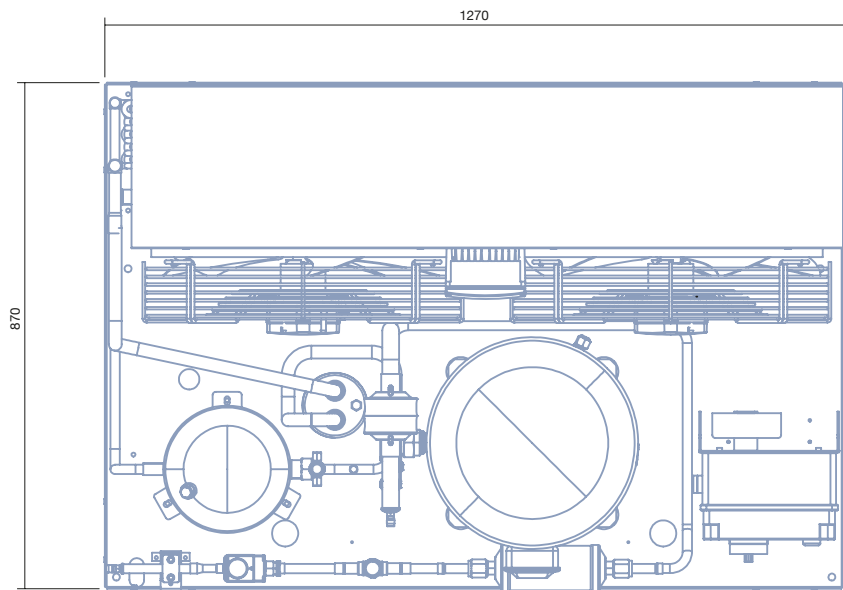
DOUBLE FAN MODELS

GH271MHA1-2

FRONT



TOP





"My long association with the dairy industry gives me absolute confidence in this product. The unit offers superior cooling and I am proud to be a part of the journey."

GEORGE HALE

PERFORMANCE DATA

R404A

Product Code	Model	Ambient	Saturated Suction Temperature: °C								
			-30	-25	-20	-15	-10	-5	0	5	10
R404A Medium / Low Temperature application											
3518000	GH087MHA1-2	32	2312	3196	4258	5504	6933	8544	10330	12281	14381
		35	2118	2955	3958	5134	6485	8011	9700	11557	13558
		38	1923	2713	3657	4764	6037	7477	9078	10834	12734
		43	1622	2332	3178	4168	5310	6606	8052	9648	11373
3518001	GH112MHA1-2	32	2954	4043	5346	6876	8637	10628	12844	15262	17877
		35	2701	3738	4975	6423	8092	9980	12081	14385	16876
		38	2449	3433	4603	5971	7547	9332	11322	13507	15875
		43	2044	2938	3993	5225	6644	8255	10057	12043	14188
3518002	GH144MHA1-2	32	4132	5539	7185	9077	11217	13599	16213	19045	22075
		35	3816	5158	6721	8517	10546	12806	15288	17981	20866
		38	3500	4776	6257	7956	9874	12012	14363	16917	19657
		43	3012	4159	5501	7034	8766	10697	12826	15138	17628
3518003	GH168MHA1-2	32	4507	6290	8422	10913	13767	16975	20530	24406	28580
		35	4138	5847	7877	10240	12941	15979	19340	23011	26969
		38	3768	5404	7332	9566	12115	14979	18150	21615	25357
		43	3177	4643	6404	8429	10727	13305	16161	19272	22643
3518004	GH209MHA1-2	32	6065	8167	10672	13589	16918	20648	24760	29227	34016
		35	5590	7576	9942	12699	15849	19385	23289	27538	32100
		38	5114	6985	9211	11808	14780	18121	21818	25848	30185
		43	4388	6061	8050	10375	13043	16055	19400	23064	26996
3518005	GH271MHA1-2	32	7980	10635	13729	17269	21249	25650	30442	35582	41023
		35	7372	9899	12834	16188	19958	24127	28670	33548	38716
		38	6764	9163	11939	15107	18666	22604	26898	31513	36408
		43	5823	7967	10470	13318	16517	20062	23933	28085	32503

*Capacity ratings are at EN13215 Conditions of 10K Superheat and 0K Sub-Cooling

PERFORMANCE DATA

R448A* / R449A

Product Code	Model	Ambient	Saturated Suction Temperature: °C							
			-25	-20	-15	-10	-5	0	5	10
R449A Medium / Low Temperature application										
3518000	GH087MHA1-2	32	2632	3660	4895	6348	8026	9930	12057	14399
		35	2459	3440	4631	6019	7622	9448	11494	13736
		38	2279	3225	4356	5684	7220	8965	10919	13078
		43	1983	2855	3899	5124	6541	8154	9966	11972
3518001	GH112MHA1-2	32	3498	4791	6318	8086	10098	12352	14841	17556
		35	3255	4488	5946	7638	9574	11739	14131	16751
		38	3003	4181	5581	7203	9048	11128	13421	15943
		43	2611	3695	4980	6475	8186	10112	12253	14601
3518002	GH144MHA1-2	32	5024	6667	8601	10835	13375	16218	19356	22777
		35	4724	6300	8153	10296	12732	15461	18478	21769
		38	4424	5933	7706	9756	12089	14705	17599	20763
		43	3926	5320	6957	8852	11008	13433	16122	19065
3518003	GH168MHA1-2	32	5489	7528	9984	12881	16233	20048	24325	29055
		35	5115	7060	9404	12171	15378	19034	23141	27690
		38	4736	6592	8823	11460	14522	18002	21956	26325
		43	4135	5840	7886	10308	13130	16364	20016	24085
3518004	GH209MHA1-2	32	7199	9828	12961	16616	20794	25489	30683	36348
		35	6707	9215	12206	15699	19697	24120	29188	34637
		38	6215	8602	11450	14781	18601	22909	27692	32927
		43	5428	7615	10225	13285	16807	20791	25230	30107
3518005	GH271MHA1-2	32	10124	13217	16782	20818	25315	30251	35595	41307
		35	9474	12439	15853	19718	24028	28762	33895	39388
		38	8823	11661	14923	18617	22738	27274	32195	37469
		43	7781	10409	13424	16837	20649	24849	29417	34300

*additional compressor cooling may be required

Capacity ratings are at EN13215 Conditions of 10K Superheat and 0K Sub-Cooling

PERFORMANCE DATA

R134a

Product Code	Model	Ambient	Saturated Suction Temperature: °C							
			-15	-10	-5	0	5	10	15	20
R134a Medium / Low Temperature application										
3518000	GH087MHA1-2	32	2989	3998	5216	6657	8332	10249	12397	14785
		35	2802	3768	4934	6316	7930	9768	11850	14158
		38	2615	3537	4651	5974	7518	9291	11296	13531
		43	2327	3179	4211	5439	6877	8535	10417	11672
3518001	GH112MHA1-2	32	3668	4906	6400	8168	10223	12572	15218	18156
		35	3449	4640	6079	7783	9767	12039	14602	17453
		38	3231	4374	5757	7397	9311	11506	13986	16750
		43	2880	3944	5234	6768	8563	10630	12972	14533
3518002	GH144MHA1-2	32	5129	6678	8535	10729	13280	16201	19495	23161
		35	4863	6359	8153	10271	12736	15601	18750	22301
		38	4596	6041	7770	9813	12192	14921	18006	21450
		43	4149	5506	7128	9044	11278	13847	16759	20019
3518003	GH168MHA1-2	32	5812	7793	10174	12982	16235	19946	24123	28765
		35	5491	7397	9688	12390	15524	19103	23136	27623
		38	5169	7001	9201	11798	14813	18260	22149	26481
		43	4635	6342	8392	10813	13628	16855	20503	24577
3518004	GH209MHA1-2	32	7318	9686	12494	15769	19523	23764	28491	33695
		35	6891	9171	11875	15029	18645	22738	27301	32332
		38	6463	8655	11255	14288	17770	21711	26113	30968
		43	5749	7792	10216	13045	16299	19989	24117	28680
3518005	GH271MHA1-2	32	10279	13370	16983	21128	25805	31000	36692	42852
		35	9752	12733	16210	20197	24695	29692	35170	41103
		38	9224	12095	15437	19266	23584	28383	33648	39354
		43	8307	10991	14106	17670	21688	26159	31068	36390

Capacity ratings are at EN13215 Conditions of 10K Superheat and 0K Sub-Cooling

Superior reliability comes standard when you choose Ryker – our chillers are built to withstand even the harshest environmental conditions.





STRONG. SUPERIOR. STEADFAST.

Actrol. Works for you.™

Call **1800 ACTROL** for your nearest branch.

The manufacturer/distributor reserves the right to vary specifications or delete models from their range without prior notification.
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V1

