



Delivering Certainty
hamer.co.nz

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From humble beginnings to being stronger than ever before, our philosophy at Hamer is simple: deliver the best quality electrical tools from around the world to the New Zealand market.

We are a 100% New Zealand family-owned business that has proudly supported other New Zealand businesses for over 75 years.

We import quality tools, power engineering and electrical products from around the world. Our products are found behind the scenes in power distribution networks, factories, commercial properties and anywhere humans control their environments – from water management in agriculture to air quality in the work space.

Hamer promises to 'Deliver Certainty' to the electrical industry, and we believe our quality products add an element of safety to every aspect of electrical activity in New Zealand. Whether it be the tools used in installation and maintenance or electrical components that energise and protect equipment, Hamer only distributes and supports quality products.

At Hamer we value:

- *Safety* – we care about the safety of our staff, customers and the public. Our products' quality and design are important to helping our customers avoid risk
- *Being Straight Up and Reliable* – we do what we say and we make it happen
- *Real People* – we are a professional team of individuals and we like to have fun
- *High Quality* – our service, people, solutions and products are aligned to only deliver quality results
- *Customer Centric* – our philosophy is to exceed customer expectations
- *Proud of Our Brands* – Hamer represents quality and performance

With expertise in a huge range of markets including Power Engineering, Electrical Wholesaling, HVAC and Refrigeration, Industrial, Commercial, Lighting and Telecommunications, our team really covers it all. Our customers love us because we get out in the field face to face, delivering what they need through a stable, reliable distribution platform. We have an intimate knowledge of our customers' needs, allowing us to find niche products from around the world specifically matched to local market requirements.

You will see our world leading brands in protected switching solutions, cable management systems and switchboards. Our people are never far away, advising our channel partners on the latest product releases, with knowledge and expertise from their years of industry experience. And when it comes to tools, we source the ones that last, allowing electricians and linemen to get the job done right.

Why Hamer?

We believe we can provide our clients three key promises which give them confidence that we can deliver certainty to their business.

- *Solutions* - Hamer will find the solution to your requirements, whether it be importing a new brand or providing a manufactured solution. We will leave no stone unturned.
- *Peace of mind* - our product selection criteria and policies ensure that our products meet strict criteria for safety, performance and value. Combined with our determined focus on service and delivery, you can rely on Hamer.
- *Long term reliability* - we only import the best brands, sourced from reliable and reputable suppliers around the world. While backing all products with industry leading warranties, support and after sales service.

Talk to our team to ensure you are getting the best value and reliability for your business and customers.

Delivering Certainty

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SAGInoMIYA

Saginomiya was founded in 1940 and is a leading manufacturer of a wide range of high quality automatic controls for refrigeration, cooling, heating and air conditioning equipment. Saginomiya invest heavily in research and development, ensuring their products offer energy savings and state-of-the-art technology.

Order code: **SG101**

Saginomiya DYS-D306X3A Dual Pressure Controls - (Automatic Reset)



- Dual pressure control with automatic reset and adjustable differential
- For use with fluorinated refrigerants as well as with air and water
- Allowable fluid temp: -20°C to +120°C
- Flare nut, 1/4" 7/16-20 UNF thread
- Note: 100KPa = 1 Bar
- Supplied with mounting bracket
- CE and UL available on request

Low Side:

Range: 60 to 600KPa (-8,7 to 87 PSI)

Differential Range: 60-400KPa (8,7 to 58 PSI)

High Side:

Range 800 to 3000KPa (116 to 435,1 PSI)

Differential fixed: Approx 400KPa (58 PSI)

Complete with independant contacts on high and low side

Contact Electrical Rating - SPDT - For detail refer Appendix A

Inductive: 12A 250VAC

Locked Rotor: 72A 250VAC

Order code: **SG140**

Saginomiya DNS-D606X Dual Pressure Controls - (Automatic Reset)



- Dual pressure control with automatic reset and adjustable differential
- For use with fluorinated refrigerants as well as with air and water
- Allowable fluid temp: -20°C to +120°C
- Flare nut, 1/4" 7/16-20 UNF thread
- Note: 100KPa = 1 Bar
- Supplied with mounting bracket
- CE and UL available on request

Low Side:

Range: -60 to 600KPa (-8,7 to 87 PSI)

Differential Range: 60-400KPa (8,7 to 58 PSI)

High Side:

Range:800 to 3000KPa (116 to 435,1 PSI)

Differential fixed: Approx 400KPa (58 PSI)

Complete with independant contacts on high and low side

Contact Electrical Rating - SPDT - For detail refer Appendix A

Inductive: 12A 250VAC

Locked Rotor: 72A 250VAC

Order code: **SG110**

Saginomiya DNS-D306XM Dual Pressure Controls - (Manual Reset)



- Dual pressure control with manual reset and adjustable differential
- For use with fluorinated refrigerants as well as with air and water
- Allowable fluid temp: -20°C to +120°C
- Flare nut, 1/4" 7/16-20 UNF thread
- Note: 100KPa = 1 Bar
- Supplied with mounting bracket
- CE and UL available on request

Low Side:

Range: -60 to 600KPa (-8,7 to 87 PSI)

Differential Range: 60-400KPa (8,7 to 58 PSI)

High Side:

Range: 800 to 3000KPa (116 to 435,1 PSI)

Manual reset, trips on pressure rise

Complete with independent contacts on high and low side

Contact Electrical Rating - SPDT - For detail refer Appendix A

Inductive: 12A 250VAC

Locked Rotor: 72A 250VAC

Order code: **SG146**

Saginomiya DYS-D606X3MA Dual Pressure Controls - (Manual Reset)



- Dual pressure control with automatic operation on pressure rise, manual reset and adjustable differential
- For use with fluorinated refrigerants as well as with air and water
- Allowable fluid temp: -20°C to +120°C
- Flare nut, 1/4" 7/16-20 UNF thread
- Note: 100KPa = 1 Bar
- Supplied with mounting bracket
- CE and UL available on request
- Detail ref: Fig 8, Appendix A

Low Side:

Range: -60 to 600KPa (-8,7 to 87 PSI)

Differential Range: 60-400KPa (8,7 to 58 PSI)

High Side:

Range: 800 to 3000KPa (116 to 435,1 PSI)

Manual reset, trips on pressure rise

Complete with independent contacts on high and low side

Contact Electrical Rating - SPDT

Inductive: 12A 250VAC

Locked Rotor: 72A 250VAC

Order code: **SG218**

Saginomiya Single Pressure Control (Auto Reset)



- Single pressure control with automatic reset and adjustable differential
- For use with fluorinated refrigerants as well as with air and water
- Allowable fluid temp: -20°C to +120°C
- Flare nut, 1/4" 7/16-20 UNF thread
- Note: 100KPa = 1 Bar - Supplied with mounting bracket
- Detail ref: Fig 1, Appendix A
- CE and UL available on request

Contact Electrical Rating - SPDT - For detail refer Appendix A
 Inductive: 12A 250VAC
 Locked Rotor: 72A 250VAC

Hamer Code	Cat. Code	Pressure Range	Differential Range
SG218	SNS-C101X	-60 to 100KPa (-8.7 to 14.5 PSI)	15 to 50KPa (2.17 to 7.25 PSI)
SG220	SNS-C102X	-20 to 200KPa (-2.9 to 29 PSI)	25 to 150KPa (3.62 to 21.75 PSI)
SG276	SNS-C120X	500 to 2000KPa (72.5 to 290 PSI)	200 to 500KPa (29 to 72.5 PSI)

Order code: **SG231**

Saginomiya Single Pressure Control (Auto Reset)



- Compact size and new cover design has a larger significantly clearer pressure scale plate & window - also covers the top - CE and UL recognised
- Single pressure control with automatic reset and adjustable differential
- For use with fluorinated refrigerants as well as with air and water
- Allowable fluid temp: -20°C to +120°C
- Flare nut, 1/4" 7/16-20 UNF thread
- Note: 100KPa = 1 Bar - Supplied with mounting bracket

Contact Electrical Rating - SPDT - For detail refer Appendix A
 Inductive: 12A 250VAC
 Locked Rotor: 72A 250VAC

Hamer Code	Cat. Code	Pressure Range	Differential Range
SG231	SYS-C106X3A	-60 to 600KPa (-8.7 to 87 PSI)	60 to 400KPa (8.7 to 58.01 PSI)
SG271	SYS-C110X3A	100 to 1000KPa (14.5 to 145 PSI)	100 to 300KPa (14.5 to 43.5 PSI)
SG281	SYS-C130X3A	500 to 3000KPa (72.5 to 435.1 PSI)	300 to 1000KPa (43.5 to 145 PSI)
SG299	SYS-C135X3A	1000 to 3500KPa (145 to 507.6 PSI)	500 to 1500KPa (72 to 217.5 PSI)

Order code: **SG251**

Saginomiya SYS-C106X3MA2 Single Pressure Control (Manual Reset) (NEW)



- New compact size - these are now the smallest and lightest in the industry
- New design - new cover design has a larger and significantly clearer pressure scale plate & window and also covers the top
- Single pressure control with manual reset
- For use with fluorinated refrigerants as well as with air and water
- Allowable fluid temp: -20°C to +120°C
- Flare nut, 1/4" 7/16-20 UNF thread
- Note: 100KPa = 1 Bar
- Pressure Range: -60 to 600KPa (-8,7 to 87 PSI) Manual reset, trips on pressure decrease
- Supplied with mounting bracket
- CE and UL available on request

Contact Electrical Rating - SPDT - For detail refer Appendix A

Inductive: 12A 250VAC

Locked Rotor: 72A 250VAC

Order code: **SG290**

Saginomiya SNS-C130XM2 Single Pressure Control (Manual Reset)



- Single pressure control with manual reset
- For use with fluorinated refrigerants as well as with air and water
- Allowable fluid temp: -20°C to +120°C
- Flare nut 1/4" 7/16-20 UNF thread
- Note: 100KPa = 1 Bar
- Pressure Range: 500 to 3000KPa (-72,5 to 435 PSI) Manual reset, trips on pressure decrease
- Supplied with mounting bracket
- CE and UL available on request

Contact Electrical Rating - SPDT - For detail refer Appendix A

Inductive: 12A 250VAC

Locked Rotor: 72A 250VAC

Order code: **SG320**

Saginomiya Single Pressure Control - Fixed Narrow Differential



- Single pressure control with fixed narrow differential and auto reset
- For use with fluorinated refrigerants as well as with air and water
- Allowable fluid temp: -20°C to +120°C
- Flare nut, 1/4" 7/16-20 UNF thread
- Note 100KPa = 1 bar - Supplied with mounting bracket
- CE and UL available on request

Contact Electrical Rating - SPDT - For detail refer Appendix A

Inductive: 12A 250VAC

Locked Rotor: 72A 250VAC

Hamer Code	Cat. Code	Pressure Range	Differential (Fixed)	
SG320	FNS-C101X	-60 to 100KPa (-8.7 to 14.5 PSI)	6KPa (0.87 PSI)	Detail ref: Fig 1, Appendix A
SG325	FNS-C102X	-20 to 200KPa (-2.9 to 29 PSI)	8KPa (1.16 PSI)	Detail ref: Fig 1, Appendix A
SG340	FNS-C110X	100 to 1000KPa (14.5 to 145 PSI)	25KPa (3.62 PSI)	Detail ref: Fig 1, Appendix A
SG350	FNS-C130X	500 to 3000KPa (72.5 to 435.1 PSI)	120KPa (17.4 PSI)	Detail ref: Fig 2, Appendix A

Order code: **SG200**

Saginomiya Single Pressure Control- High Pressure Safety Cut Out



- Single pressure control with either automatic or manual reset and high pressure safety cut out
- For use with fluorinated refrigerants as well as with air and water
- Allowable fluid temp: -20°C to +120°C
- Flare nut, 1/4" 7/16-20 UNF
- Note: 100KPa = 1 Bar - Supplied with mounting bracket
- CE and UL available on request

Contact Electrical Rating - SPDT - For detail refer Appendix A

Inductive: 12A 250VAC

Locked Rotor: 72A 250VAC

Hamer Code	Cat. Code	Pressure Range	Differential	
SG200	HNS-C130X	800 to 3000KPa (116 to 435.1 PSI)	400KPa (58 PSI)	Detail ref: Fig 3, Appendix A
SG210	HNS-C130XM1	800 to 3000KPa (116 to 435.1 PSI) Manual reset trips on pressure increase	-	Detail ref: Fig 4, Appendix A

Order code: **SG293**

Saginomiya Single Pressure Control- Differential Pressure Control



- For use in any application where the relationship between two pressures is critical to proper equipment operation
- Auto reset
- Allowable fluid temp: -20°C to +120°C
- Flare nut 1/4", 7/16-20 UNF
- Note: 100KPa = 1 Bar - Supplied with mounting bracket
- CE and UL available on request

Contact Electrical Rating - SPDT - For detail refer Appendix A
 Inductive: 12A 250VAC
 Locked Rotor: 72A 250VAC

Hamer Code	Cat. Code	Pressure Range	Differential Range
SG293	WNS-C102X	30 to 200KPa (4.35 to 29 PSI)	30 to 150KPa (4.35 to 21.75 PSI)
SG292	WNS-C106X	50 to 350KPa (7.25 to 50.76 PSI)	50 to 250KPa (7.25 to 36.25 PSI)

Order code: **SG302**

Saginomiya Single Pressure Control- Special Variant



- New compact size - these are now the smallest and lightest in the industry
- New design - new cover design has a larger and significantly clearer pressure scale plate & window and also covers the top
- Single pressure control with auto reset
- Allowable fluid temp -20°C to +120°C
- Supplied without bracket and with female 1/4" BSPT
- Note: 100KPa = 1 Bar - CE and UL available on request

Contact Electrical Rating - SPDT - For detail refer Appendix A
 Inductive: 12A 250VAC
 Locked Rotor: 72A 250VAC

Hamer Code	Cat. Code	Pressure Range	Differential Range
SG302	SP61-A	-60 to 600KPa (-8.7 to 87 PSI)	60-400KPa (8.7 to 58 PSI)
SG401	SP61-B	100 to 1000KPa (14.5 to 145 PSI)	100 to 300KPa (14.5 to 43.5 PSI)

Order code: **SG235**

Saginomiya Single Pressure Control (Loss of Prime Shut Off)

D-1



- Single pressure control with loss of prime override switch
- The switch acts as momentary start contact for a latching pump start circuit
- This enables the pressure switch to act as a low pressure cut out preventing the pump from running dry
- For use with fluorinated refrigerants as well as with air and water
- Allowable fluid temp: -20°C to +120°C
- Supplied without mounting bracket and with female 1/4" BSPT
- Note: 100KPa = 1 Bar
- Pressure Range: -60 to 540KPa (-8,7 to 78,32 PSI)
- Differential Range: 60-400KPa (8,7 to 58 PSI)
- CE and UL available on request

Contact Electrical Rating - SPDT - For detail refer Appendix A

Inductive: 12A 250VAC

Locked Rotor: 72A 250VAC

Order code: **SG310**

Saginomiya 103011-01 Single Pressure Switch Accessories - Adaptor Connector



- Single Pressure Switch Accessories - Adaptor Connector for Saginomiya Pressure Controls
- To convert 1/4"SAE flare (7/16" 20UNF) to 1/4" BSP female/female connection

Order code: **SG202**



Saginomiya SNS-AE01 Single Pressure Switch Accessories - Mounting Bracket

- Angled mounting bracket for Saginomiya 'NS' series Pressure Controls

Order code: **SG298**



Saginomiya SNS-AD01 Single Pressure Switch Accessories - Capillaries

- Single Pressure Switch Accessories - Capillary for Pressure Switch
- Capillary length 1m
- Flare nut 1/4" 7/16-20 UNF

Order code: **SG300**



Saginomiya SNS-AD02 Single Pressure Switch Accessories - Capillaries

- Single Pressure Switch Accessories - Capillary for Pressure Switch
- Capillary length 2m
- Flare nut 1/4" 7/16-20 UNF

Order code: **SG212**

Saginomiya Stainless Steel Single Pressure Control - High Pressure Safety Cut Out



- Stainless steel, single pressure control with either automatic or manual reset and high pressure safety cut out
- For use with ammonia, fluorinated refrigerants as well as with air and water
- Allowable fluid temp: -20°C to +120°C
- Female 1/4" BSPT
- Supplied with mounting bracket
- CL and UL available on request

Contact Electrical Rating - SPDT - For detail refer Appendix A
 Inductive: 12A 250VAC
 Locked Rotor: 72A 250VAC

		Pressure Range	Differential
SG212	HNS-C130XM1N	800 to 3000KPa (116 to 435.1 PSI).	Manual reset, trips on pressure increase.
SG215	HNS-C130XN	800 to 3000KPa (116 to 435.1 PSI)	Fixed: 400KPa (58 PSI) Automatic reset

Order code: **SG295**

Saginomiya Stainless Steel Differential Pressure Control



- For use in any application where the relationship between two pressures is critical to proper equipment operation
- Auto reset
- For use with ammonia
- Female 1/4" BSPT
- Supplied with mounting bracket
- CE and UL available on request

Contact Electrical Rating - SPDT - For detail refer Appendix A
 Inductive: 12A 250VAC
 Locked Rotor: 72A 250VAC

		Pressure Range	Differential Range
SG295	WNS-C106XN	50 to 350KPa (7.25 to 50.76 PSI)	50 to 250KPa (7.25 to 36.25 PSI)

Order code: **SG260**

Saginomiya Stainless Steel Single Pressure Control (Auto Reset)



- Stainless steel, single pressure control with auto reset and adjustable differential
- For use with ammonia, fluorinated refrigerants as well as with air and water
- Allowable fluid temp: -20°C to +120°C
- Supplied with mounting bracket
- Female 1/4" BSPT
- CE and UL available on request

Contact Electrical Rating - SPDT - For detail refer Appendix A
 Inductive: 12A 250VAC
 Locked Rotor: 72A 250VAC

Hamer Code	Cat. Code	Pressure Range	Differential Range
SG260	SNS-C106XN	-60 to 400KPa (-8.7 to 58 PSI)	60 to 400KPa (8.7 to 58.01 PSI)
SG275	SNS-C110XN	100 to 1000KPa 14.5 to 145 PSI)	100 to 300KPa (14.5 to 43.5 PSI)
SG282	SNS-C130XN	500 to 3000KPa (72.5 to 435 PSI)	300 to 1000KPa (43.5 to 145 PSI)

Order code: **SG262**

Saginomiya Stainless Steel Single Pressure Control (Manual Reset)



- Stainless steel, single pressure control with manual reset
- For use with ammonia, fluorinated refrigerants as well as with air and water
- Allowable fluid temp: -20°C to +120°C
- Supplied with mounting bracket
- Female 1/4" BSPT
- CE and UL available on request

Contact Electrical Rating - SPDT - For detail refer Appendix A
 Inductive: 12A 250VAC
 Locked Rotor: 72A 250VAC

Hamer Code	Cat. Code	Pressure Range	Trip Function
SG262	SNS-C106XM2N	-60 to 600KPa (-8.7 to 87 PSI) Manual reset.	Trips on pressure decrease.
SG291	SNS-C130XM2N	500 to 3000KPa (72.5 to 435.1 PSI) Manual reset.	Trips on pressure decrease

Order code: **SG2113**

Saginomiya Disc Type Small Pressure Control (Low)

D-1



- Disc type small pressure control for low pressure range
- Compact structure and high quality
- Designed to suit a variety of applications - air conditioning, automotive and other
- Low pressure cut out
- SPST (low cut) contact action
- Fluid temperature: -54 to 135°C
- Ambient temperature: -30 to 100°C
- Waterproof terminal construction

Inductive: 12A 250VAC
 Locked Rotor: 72A 250VAC

Hamer Code	Cat. Code	Pressure off	Pressure On
SG3048	LCB-PA48	6±5 PSI	21±7 PSI
SG3095	LCB-PA95	10±5 PSI	25±5 PSI
SG3096	LCB-PA96	35±7	60±7
SG1053	ACB-PA53	170±14	250±14
SG1055	ACB-PA55	200±20	259±10
SG2052	ACB-PB52	385±14	310±14
SG2111	ACB-PB111	400±14	300±21
SG2112	ACB-PB112M	400±28	<300 Manual
SG2113	ACB-PB113	350±10	250±20

Order code: **SG354**

Saginomiya Condenser Single Phase Fan Speed Controller



- Single phase condenser fan speed controller for freezing and refrigeration units
- Suitable for units operated throughout the year
- Keep condensing pressure constant in winter and intermediate seasons for stable operation
- Minimum fixed setting 0,6MPa
- IP54 rating

Hamer Code	Cat. Code	Refrigerants Factory set	Electrical rating Amps
SG354	RGE-ZIN4-5	R22, R404A, R407C. Adjustable for R134A	Single phase 220-240V AC (50Hz): 0.2 to 4A
SG358	RGE-Z1Q4-5	R22, R404A, R407C. Adjustable for R134A	Single phase 220-240V AC (50Hz): 0.2 to 8A
SG359	RGE-Z1N6-5	R410A refrigerant	Single phase 220-240V AC (50Hz): 0.2 to 4 A

Order code: **SG356**

Saginomiya Condenser Three Phase Fan Speed Controller



- Three phase condenser fan speed controller for freezing and refrigeration units
- Suitable for units operated throughout the year
- Keep condensing pressure constant in winter and intermediate seasons for stable operation
- Minimum fixed setting 0,6MPa
- IP54 rating

Hamer Code	Cat. Code	Refrigerants Factory Set	Electrical rating Amps
SG356	RGE-X3R4-7	R22, R404A, R407C. Adjustable for R134A	Three phase 380 to 415 V AC (50Hz): 0.2 to 5A

Order code: **SG361**

Saginomiya Check Valve

- Solder type check valve
- Install in a liquid line to prevent counter flow at change over of cycles from heating to cooling and vice versa
- Also prevents reverse flow of high pressure gas when compressor stops
- For use with fluorinated refrigerants
- Can be mounted in horizontal or vertical line
- Allowable liquid temp: -30°C to 120°C



D-1

Hamer Code	Cat. Code	Copper Tube I.D.	Port size	Length
SG361	BCV-803DY	3/8"	5.5mm	120mm
SG360	BCV-804DY	1/2"	8mm	140mm
SG363	BCV-1005DY	5/8"	10mm	160mm
SG364	BCV-1306DY	3/4"	12.5mm	180mm

Order code: **SG900****Saginomiya FQS-U30G Flow Switch**

- For use on liquid lines such as water, ethylene glycol, or any non-corrosive fluid in chillers, pumps, condensers, boilers etc
- SPDT contact mechanism
- 3" segmented paddle
- 1" NPT (25,4mm) connection
- Electrical Ratings Power Factor (COS): Non-inductive current: 1 Inductive current - Full load: 0,75, Locked Rotor 0,45
- Electrical Ratings 125V AC: Non-inductive current: 15A Inductive current - Full load: 3,5A, Locked Rotor: 21A
- Electrical Ratings 250V AC: Non-inductive current: 15A Inductive current - Full load: 2,5A, Locked Rotor: 15A
- IP20
- CE and UL available on request

Order code: **SG905****Saginomiya BQS Flow Switch Paddle Set**

- Spare 3 piece paddle sets for SG900 flow switch

Order code: **SG761**

Saginomiya ULE-SD11-011 Digital Thermostat



- Electronic digital thermostat
- Large, easy to see LED reading
- Back up memory on power failure
- Easy operation with a combination of setting knob and arrow keypads
- Wall or panel mounting
- Sensor holder and panel mounting brackets supplied
- Ambient temperature: Controller: -10°C to +50°C
- Electrical Ratings Power Factor (COS): Power source: 85-264V AC (50/60Hz), Relay output: 250V AC, 6A (cos=0,7)
- 2m lead

Temp adjust range	Differential				
-50°C to +30°C	Min. 0.5°C				

Order code: **SG830**

Saginomiya ARS-S630 Room Thermostat



- High quality room thermostat for heating or cooling
- Two stage auto change over
- Easy to adjust with dial knob
- Dial stopper screw prevents unauthorised change of setting
- Electrical Ratings Power Factor (COS): Non-inductive current: 1 Inductive current - Full load: 0,75, Locked Rotor: 0,45
- Electrical Ratings 125V AC: Non-inductive current: 4A Inductive current - Full load: 4A, Locked Rotor: 16A
- Electrical Ratings 250V AC: Non-inductive current: 2A Inductive current - Full load: 2A, Locked Rotor: 8A

Temp adjust range	Ambient temp.	Differential			
+10°C to +30°C	-20°C to +50°C	+1.5°C			

Order code: **SG831**

Saginomiya ARS-AE02 Mounting Bracket for ARS Room Thermostat



- Stainless steel mounting bracket for Saginomiya ARS type room thermostats

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Order code: **SG547**

Saginomiya Capillary Thermostat - Set High Type with Remote Sensing



- Capillary thermostat with fixed or adjustable differential
 - Standard remote sensing element
 - Single pole double throw contacts allows use for either heating or cooling applications, with large contact rating as well
 - Electrical Ratings Power Factor (COS Phi) Non-inductive current: 1 Inductive current - Full load: 0,75, Locked Rotor: 0,45
 - Electrical Ratings 125V AC: Non-inductive current: 16A Inductive current - Full load: 16A, Locked Rotor: 96A
 - Electrical Ratings 250V AC: Non-inductive current: 8A Inductive current - Full load: 8A Locked Rotor: 48A
 - Capillary length 2m
- **Note: Available on request only

Hamer Code	Cat. Code	Temp adjusting range	Ambient temp.	Differential	Bulb size (dia. x L)
SG547	LWS-C1120FGL2	40°C to +120°C	-20°C to +70°C	Fixed at +2.5°C	9.5mm x 100mm **
SG548	LWS-C1090AGL2	+25°C to +90°C	-20°C to +70°C	+2-7°C	9.5mm x 100mm

Order code: **SG566**

Saginomiya Capillary Thermostat - Set Low Type with Remote Sensing



- Capillary thermostat with adjustable differential
- Standard remote sensing element
- Single pole double throw contacts allows use for either heating or cooling applications, with large contact rating as well
- Electrical Ratings Power Factor (COS): Non-inductive current: 1 Inductive current - Full load: 0,75, Locked Rotor: 0,45
- Electrical Ratings 125V AC: Non-inductive current: 16A Inductive current - Full load: 16A Locked Rotor: 96A
- Electrical Ratings 250V AC: Non-inductive current: 8A Inductive current - Full load: 8A Locked Rotor: 48A
- Adjustable differential

Hamer Code	Cat. Code	Temp adjusting range	Ambient temp.	Differential	Bulb size (dia. x L)
SG566	XWS-C1030AGL2	-35°C to +30°C	-20°C to +70°C	+2°C to +7°C	9.5mm x 100mm
SG567	XWS-C1060AGL2	-5°C to +60°C	-20°C to +70°C	+2°C to +7°C	9.5mm x 100mm

Order code: **SG574**

Saginomiya General Purpose Capillary Thermostat - Adjustable Differential



- Capillary thermostat with adjustable differential
 - Standard remote sensing element
 - SPDT contact mechanism
 - Supplied with mounting bracket
 - Electrical Ratings Power Factor (COS): Non-inductive current: 1 Inductive current - Full load: 0,75, Locked Rotor: 0,45
 - Electrical Ratings 125V AC: Non-inductive current: 12A Inductive current - Full load: 12A, Locked Rotor: 72A
 - Electrical Ratings 250V AC: Non-inductive current: 12A Inductive current - Full load: 12A, Locked Rotor: 72A
 - Capillary length 1m
- *Note: Available on request only

Hamer Code	Cat. Code	Temp adjusting range	Differential	Bulb size (dia. x L)	IP Rating
SG574	TNS-C1034XC	-20°C to +35°C	+4°C to +20°C	12.7mm x 100mm	IP20 **

Order code: **SG551**

Saginomiya High Limit Capillary Thermostat (Manual Reset)



- High limit, capillary thermostat with manual reset on temperature increase
- SPDT contact mechanism
- Supplied with mounting bracket
- Electrical Ratings Power Factor (COS): Non-inductive current: 1 Inductive current - Full load: 0,75, Locked Rotor: 0,45
- Electrical Ratings 125/250V AC: Non-inductive current: 12A Inductive current - Full load: 12A, Locked Rotor: 72A
- CE and UL available on request

**Note: Available on request only

Hamer Code	Cat. Code	Temp adjust range	Bulb size (dia. x L)	Capillary length	IP Rating
SG551	INS-C1070XM1Q2	+25°C to +75°C	9.5mm x 80mm	1m	IP20
SG552	INS-C1120XM1Q2	+70 to +120°C	9.5mm x 80mm	1m	IP20 **
SG553	INS-C1150XM1L2	+115°C to +150°C	9.5mm x 80mm	2m	IP20 **

Order code: **SG554**

Saginomiya Low Limit Capillary Thermostat (Manual Reset)



- Low limit, capillary thermostat with fixed differential and manual reset
- Supplied with mounting bracket
- Reset operates on temperature decrease
- Electrical Ratings Power Factor (COS): Non-inductive current: 1 Inductive current - Full load: 0,75, Locked Rotor: 0,45
- Electrical Ratings 125/250V AC: Non-inductive current: 12A Inductive current - Full load: 12A, Locked Rotor: 72A

Hamer Code	Cat. Code	Temp adjust range	Bulb size (dia. x L)	Capillary length
SG554	CNS-C114XM2	-15°C to +15°C	6mm x 80mm	1m

Order code: **SG582**

Saginomiya Bottle Cooler Thermostat



- Bead style thermostat for bottle coolers
- SPST style contact mechanism
- Electrical Ratings Power Factor (COS): Non-inductive current: 1 Inductive current - Full load: 0,75, Locked Rotor: 0,45
- Electrical Ratings 125V AC: Non-inductive current: 8A Inductive current - Full load: 6A, Locked Rotor: 24A

Hamer Code	Cat. Code	Temperature range On	Temperature range Off	Capillary length
SG582	DTB-X178	+5°C, Adjustable	-10.1°C to +2.9°C	1m

Order code: **SG585**

Saginomiya Pressure Switch for Pools and Spas



- Pressure switch for pools and spas
- SPDT style contact mechanism
- Electrical Ratings Power Factor (COS): Non-inductive current: 1 Inductive current - Full load: 0,75, Locked Rotor: 0,45
- Electrical M Ratings 125/250V AC: Non-inductive current: 16A Inductive current - Full load: 16A, Locked Rotor: 64A

D-1

Hamer Code	Cat. Code	Pressure Range	Fittings	Capillary length
SG585	LTB-X321	Fixed Setting: ON - 5 PSI, OFF 2 PSI	1/4" flare nut	400mm

Order code: **SG941**

Saginomiya 4-Way Reversing Valve



- Pilot operated 4-way reversing valve, suitable for heat pump applications on unitary, split system and window type air conditioners, etc.
- For use with R410A Refrigerant
- Reliable changeover operation
- Designed for instantaneous reversing and operations under small minimum pressure differential between the high and low side
- Pressure drop across the valve and valve leakage are minimised
- Provided with drip proof resin encapsulated solenoid coil (SG961)
- Maximum Working Pressure: 4,15MPa {42,3kgf/cm²}
- Ambient Temperature: -20°C to +55°C

Hamer Code	Cat. Code	Compressor	Discharge	Suction and Coils	Port Size	Reference Capacity
SG941	STF-0201G	3/8" OD		1/2" OD	11.1mm	2.6 TON (2.8-11.4kW)
SG948	STF-0214G	1/2" OD		5/8" OD	11.1mm	3 TON (2.8-11.4kW)
SG950	STF-0408G	1/2" OD		3/4" OD	15.5mm	6 TON (8.3-29.2kW)

Order code: **SG961**

Saginomiya STF-01AJ50211 Coil for 4-Way Reversing Valves



- 4-Way reversing valve 230Vac, 50Hz Coil
- Rated voltage 208-240VAC
- Suits CHV/STF 101 - 2011 Valves
- Insulation class B



HAMER CODE	CAT#	PAGE	HAMER CODE	CAT#	PAGE	HAMER CODE	CAT#	PAGE
SG101	DYS-D306X3A	1	SG567	XWS-C1060AGL2	16			
SG1053	ACB-PA53	11	SG574	TNS-C1034XC	17			
SG1055	ACB-PA55	11	SG582	DTB-X178	18			
SG110	DNS-D306XM	2	SG585	LTB-X321	19			
SG140	DNS-D606X	1	SG590	LTB-X330	19			
SG146	DYS-D606X3MA	2	SG761	ULE-SD11-011	15			
SG200	HNS-C130X	5	SG830	ARS-S630	15			
SG202	SNS-AE01	8	SG831	ARS-AE02	15			
SG2052	ACB-PB52	11	SG900	FQS-U30G	14			
SG210	HNS-C130XM1	5	SG905	BQS PADDLESET	14			
SG2111	ACB-PB111	11	SG941	STF-0201G	19			
SG2112	ACB-PB112M	11	SG948	STF-0214G	19			
SG2113	ACB-PB113	11	SG950	STF-0408G	19			
SG212	HNS-C130XM1N	9	SG961	STF-01AJ50211	20			
SG215	HNS-C130XN	9						
SG218	SNS-C101X	3						
SG220	SNS-C102X	3						
SG231	SYS-C106X3A	3						
SG235	SNS-106XLP	7						
SG251	SYS-C106X3MA2	4						
SG260	SNS-C106XN	10						
SG262	SNS-C106XM2N	10						
SG271	SYS-C110X3A	3						
SG275	SNS-C110XN	10						
SG276	SNS-C120X	3						
SG281	SYS-C130X3A	3						
SG282	SNS-C130XN	10						
SG290	SNS-C130XM2	4						
SG291	SNS-C130XM2N	10						
SG292	WNS-C106X	6						
SG293	WNS-C102X	6						
SG295	WNS-C106XN	9						
SG298	SNS-AD01	8						
SG299	SYS-C135X3A	3						
SG300	SNS-AD02	8						
SG302	SP61-A (SYS-C106X3047)							
SG3048	LCB-PA48	11						
SG3095	LCB-PA95	11						
SG3096	LCB-PA96	11						
SG310	103011-01	7						
SG320	FNS-C101X	5						
SG325	FNS-C102X	5						
SG340	FNS-C110X	5						
SG350	FNS-C130X	5						
SG354	RGE-ZIN4-5	12						
SG356	RGE-X3R4-7	12						
SG358	RGE-Z1Q4-5	12						
SG359	RGE-Z1N6-5	12						
SG360	BCV-804DY	13						
SG361	BCV-803DY	13						
SG363	BCV-1005DY	13						
SG364	BCV-1306DY	13						
SG401	SP61-B (SYS-C110X3048)							
SG547	LWS-C1120FGL2	16						
SG548	LWS-C1090AGL2	16						
SG551	INS-C1070XM1Q2	17						
SG552	INS-C1120XM1Q2	17						
SG553	INS-C1150XM1L2	17						
SG554	CNS-C114XM2	18						
SG566	XWS-C1030AGL2	16						



CAT#	HAMER CODE	PAGE	CAT#	HAMER CODE	PAGE	CAT#	HAMER CODE	PAGE
103011-01	SG310	7	STF-0214G	SG948	19			
ACB-PA53	SG1053	11	STF-0408G	SG950	19			
ACB-PA55	SG1055	11	SYS-C106X3A	SG231	3			
ACB-PB111	SG2111	11	SYS-C106X3MA2	SG251	4			
ACB-PB112M	SG2112	11	SYS-C110X3A	SG271	3			
ACB-PB113	SG2113	11	SYS-C130X3A	SG281	3			
ACB-PB52	SG2052	11	SYS-C135X3A	SG299	3			
ARS-AE02	SG831	15	TNS-C1034XC	SG574	17			
ARS-S630	SG830	15	ULE-SD11-011	SG761	15			
BCV-1005DY	SG363	13	WNS-C102X	SG293	6			
BCV-1306DY	SG364	13	WNS-C106X	SG292	6			
BCV-803DY	SG361	13	WNS-C106XN	SG295	9			
BCV-804DY	SG360	13	XWS-C1030AGL2	SG566	16			
BQS PADDLESET	SG905	14	XWS-C1060AGL2	SG567	16			
CNS-C114XM2	SG554	18						
DNS-D306XM	SG110	2						
DNS-D606X	SG140	1						
DTB-X178	SG582	18						
DYS-D306X3A	SG101	1						
DYS-D606X3MA	SG146	2						
FNS-C101X	SG320	5						
FNS-C102X	SG325	5						
FNS-C110X	SG340	5						
FNS-C130X	SG350	5						
FQS-U30G	SG900	14						
HNS-C130X	SG200	5						
HNS-C130XM1	SG210	5						
HNS-C130XM1N	SG212	9						
HNS-C130XN	SG215	9						
INS-C1070XM1Q2	SG551	17						
INS-C1120XM1Q2	SG552	17						
INS-C1150XM1L2	SG553	17						
LCB-PA48	SG3048	11						
LCB-PA95	SG3095	11						
LCB-PA96	SG3096	11						
LTB-X321	SG585	19						
LTB-X330	SG590	19						
LWS-C1090AGL2	SG548	16						
LWS-C1120FGL2	SG547	16						
RGE-X3R4-7	SG356	12						
RGE-Z1N6-5	SG359	12						
RGE-Z1Q4-5	SG358	12						
RGE-ZIN4-5	SG354	12						
SNS-106XLP	SG235	7						
SNS-AD01	SG298	8						
SNS-AD02	SG300	8						
SNS-AE01	SG202	8						
SNS-C101X	SG218	3						
SNS-C102X	SG220	3						
SNS-C106XM2N	SG262	10						
SNS-C106XN	SG260	10						
SNS-C110XN	SG275	10						
SNS-C120X	SG276	3						
SNS-C130XM2	SG290	4						
SNS-C130XM2N	SG291	10						
SNS-C130XN	SG282	10						
SP61-A (SYS-C106X)	SG302	6						
SP61-B (SYS-C110X)	SG401	6						
STF-01AJ50211	SG961	20						
STF-0201G	SG941	19						

Cable Care

- **HellermannTyton** - Cable ties and insulation tape
12 months
 - **Sharpie** - Permanent markers / pens
1 month
 - **Dymo** - Labelling machines and labels
12 months
 - **Pemsa** - Mesh cable tray
12 months
-

Electrical Components

- **Flexelec** - Heat Trace Cables
12 months
 - **GEN3** - Industrial switchgear
12 months
-

Motor Accessories & Control

- **Comar** - Capacitors
12 months
 - **Lovato** - Motor control
12 months
 - **Schurter** - Overloads
12 months
-

Power Engineering

- **Bowthorpe** - Line taps and accessories
12 months
- **Klein** - Chicago Grips
Working Lifetime

Power Protection & Safety

- **Spikefree** - Surge protected power boards
12 months
 - **Powersafe** - Guardian & Duo power boards
5 Year Pro rata
-

Test Meters

- **Anco** - Multimeters
12 months
 - **Klein** - Multimeters & Clamp Meters
24 months
 - **Wavecom**
24 months
-

Tools

- **Klein** - Hand tools
Working Lifetime
 - **Klauke** - Hand Tools, - 12 months
Battery operated Tools - 24 Months
 - **Hamer Bags** - Bags & pouches 3 months
 - **Taurus** - Leather
Working Lifetime
 - **Greenlee**
12 months
-

Automation & Control

- **Schmersal**
12 months
- **Flash** - Timers & temperature controllers
12 months

HVAC & Refrigeration

- **Polyslab** - Air conditioning bases
3 months
- **Saginomiya** - Pressure, temperature & refrigeration
12 months
- **Rectorseal** - Mighty Bracket
12 months

Contact Us Today.

Our team is here to answer any questions you may have. Whether it be sales, distribution, warranty or after sales service, let us know how we can help.

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