

Professionall

Solutii profesionale pentru echipamente profesionale



GAS COMPONENTS



ELECTRIC COMPONENTS



WATER TECHNOLOGY



MECHANICAL COMPONENTS




TOOLS

Spare parts suitable for


HATCO

h1>heating elements


h2>heating elements for hot counters


			
No.	418720	Ref. No.	X02.05.619.00
description	heating element 350W 220V heating circuits 1 L 133mm W 116mm H 113mm W1 41mm W2 34mm tube ø 8mm connection male faston 6.3mm L1 17mm L2 116mm rectangular flange hole distance 56mm flange length 70mm flange width 16mm hole ø 3mm		
For models:	FLVM1X		


h2>heating elements for chargrills

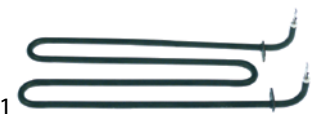
			
No.	417716	Ref. No.	02.08.101.00 2-08-101 R02.08.101D.00 R02-08-101
description	heating element 500W 115V heating circuits 1 L 485mm lug length 38mm lug width 25mm tube ø 6.5mm suitable for HATCO		


h2>heating elements for salamanders/toast-

			
No.	418723	Ref. No.	X02.09.260.00
description	heating element 1000W 220V L 290mm W 90mm H 40mm tube ø 7mm connection male faston 6.3mm with strap hole ø 5mm hole distance 66mm mounting distance 83mm heating circuits 1 lug length 25mm lug width 12.5mm dry heating element connection length 17mm mounting pos. upper		


			
No.	418722	Ref. No.	02.05.682.00 HAT02.05.682.00 X02.09.259.00
description	heating element 600W 220V L 210mm W 90mm H 40mm tube ø 7mm connection male faston 6.3mm with strap hole ø 5mm hole distance 66mm mounting distance 83mm heating circuits 1 lug length 25mm lug width 12.5mm dry heating element connection length 17mm mounting pos. lower		


			
No.	418721	Ref. No.	02.05.679.00 X02.09.258.00
description	heating element 700W 220V L 210mm W 85mm H 40mm tube ø 7mm connection male faston 6.3mm bracket mounting hole ø 5mm hole distance 66mm mounting distance 78mm heating circuits 1 lug length 25mm lug width 12.5mm dry heating element connection length 17mm mounting pos. upper		


			
No.	418724	Ref. No.	X02.09.261.00
description	heating element 900W 220V L 290mm W 110mm H 40mm tube ø 7mm connection male faston 6.3mm with strap hole ø 5mm mounting thread 103 hole distance 66mm heating circuits 1 lug length 25mm lug width 12.5mm dry heating element connection length 17mm mounting pos. lower		

			
No.	417538	Ref. No.	R02.09.205.00 R02.09.205E.00
description	heating element 275W 220V L 34mm Wmm Hmm heating circuits 1		

h2>heating elements for heating bridges

			
No.	418207	Ref. No.	R02.08.142E.00
description	heating element 1100W 220V heating circuits 1 L 1095mm Wmm lug length 40mm lug width 18mm connection length 27mm connection M5 tube ø 6.3mm bracket mounting hole ø 5mm dry heating element		
For models:	GR 48		

			
No.	418208	Ref. No.	R02.08.143E.00
description	heating element 1250W 220V heating circuits 1 L 1245mm Wmm lug length 39mm lug width 25mm connection length 27mm connection M5 tube ø 6.5mm bracket mounting hole ø M4mm dry heating element		
For models:	GR 54		

			
No.	418209	Ref. No.	R02.08.144E.00
description	heating element 1400W 220V heating circuits 1 L 1400mm Wmm lug length 39mm lug width 25mm connection length 28mm connection M5 tube ø 6.5mm bracket mounting hole ø M4mm dry heating element		
For models:	GR 60		



No.	418210	Ref. No.	R02.08.145E.00
description	heating element 1560W 220V heating circuits 1 L 1565mm Wmm lug length 39mm lug width 25mm connection length 26mm connection M5 tube ø 6.5mm bracket mounting hole ø M4mm dry heating element		
For models:	GR 66		



No.	418211	Ref. No.	R02.08.148E.00
description	heating element 1725W 220V heating circuits 1 L 1715mm Wmm lug length 39mm lug width 25mm connection length 27mm connection M5 tube ø 6.8mm bracket mounting hole ø M4mm dry heating element		
For models:	GR 72		



No.	418203	Ref. No.	R02.08.138E.00
description	heating element 350W 220V heating circuits 1 L 335mm Wmm lug length 40mm lug width 18mm connection M5 tube ø 6.3mm rectangular flange mounting pos. dry heating element hole ø 5mm		
For models:	GR 18		



No.	418202	Ref. No.	R02.08.103.00 R02.08.103E.00 R02.08.136E.00 R02.8.103E.00
description	heating element 500W 220V heating circuits 1 L 485mm Wmm lug length 40mm lug width 18mm connection M5 tube ø 6.3mm rectangular flange hole ø M4mm dry heating element		
For models:	GR 24		



No.	418204	Ref. No.	R02.08.139E.00
description	heating element 660W 220V heating circuits 1 L 634mm Wmm lug length 40mm lug width 18mm connection male faston tube ø 6.5mm rectangular flange hole ø 4mm dry heating element		
For models:	GR 30		



No.	418205	Ref. No.	R02.08.140E.00
description	heating element 800W 220V heating circuits 1 L 790mm Wmm lug length 40mm lug width 18mm connection length 26mm connection M5 tube ø 6.3mm rectangular flange hole ø 5mm dry heating element flange length 40mm flange width 18mm		
For models:	GR 36		



No.	418206	Ref. No.	R02.08.141E.00
description	heating element 950W 220V L 940mm Wmm lug length 40mm lug width 18mm tube ø 6.3mm dry heating element flange length 40mm flange width 18mm		
For models:	GR 42		

heating elements for heated cabinets



No.	420568	Ref. No.	R02.08.003.00
description	heating element 350W 240V heating circuits 1 L 540mm flange length 38mm flange width 25mm connection M4 tube ø 6.5mm		

coil heating elements





No.	418719	Ref. No.	X02.05.620.00
description	heating element 1000W 230V L 180mm W 80mm H 84mm tube ø 22mm connection male faston 6.3mm connection length 36mm dry heating element heating circuits 1 bracket mounting		
For models:	FLVM1X		

energy regulators

EGO

1-circuit



No.	380666	Ref. No.	R02.19.019.00
description	energy regulator		
For models:	GRAH18, GRAH30, GRAH42, GRAH54		
accessories for	380666		
	No.	111825	Ref. No. 05.30.043.00 R05.30.043.00
	knob switch zero mark ø 30mm shaft ø 6x4.6mm shaft flat right silver		
	No.	112946	Ref. No. 07.01.034.00
	bezel 0-7 dimensions 51x60mm		


thermostats

bi-metal thermostats

bi-metal thermostats




No.	390447	Ref. No.	X02.16.138.00
description	bi-metal thermostat hole distance 23.5mm switch-off temp. 130°C NC 1-pole 10A 250V connection F6.3		
For models:	FLVM1X		


			
1			
No.	390511	Ref. No.	R02.16.029.00
description	bi-metal thermostat hole distancemm switch-off temp. 78°C 1NC 1-pole 10A connection F4.8		

control and safety thermostats


IMIT / TEMPOMATIC / ARTERMO


control thermostats

			
1			
No.	375891	Ref. No.	X02.16.136.00
description	thermostat t.max. 85°C temperature range 0-85°C 1-pole 1CO 15A probe ø 6mm probe L 78mm capillary pipe 1000mm capillary pipe isolatedmm gland nut shaft ø 6x4.6mm shaft L 15mm probe material SS		
For models:	FLVM1X		

accessories for		301230		
	No.	691507	Ref. No.	04.08.240.00
	cover for toggle switch			

accessories



			
1			
No.	112947	Ref. No.	07.01.035.00
description	bezel L 60mm W 51mm		
For models:	GRAH18, GRAH30, GRAH42, GRAH54		


			
1			
No.	691507	Ref. No.	04.08.240.00
description	cover for toggle switch		
For models:	GRAH18, GRAH30, GRAH42, GRAH54		

switches and momentary switches

rocker/momentary rocker switches


30x11mm

			
1			
No.	301010	Ref. No.	X02.19.180.00
description	rocker switch mounting measurements 30x11mm red 1NO/indicator light 250V 16A 0-I connection male faston 6.3mm ambient temperature max. 85/125°C protection IP40		
For models:	FLVM1X		
accessories for	301010		
	No.	301035	Ref. No.
	—		
protective cover mounting measurements 30x11mm			

			
1			
No.	691506	Ref. No.	07.01.214.00
description	plate for toggle switch		
For models:	GRAH18, GRAH30, GRAH42, GRAH54		


microswitches

lever actuated



			
1			
No.	347021	Ref. No.	X02.19.186.00
description	microswitch with lever 250V 5A 1CO connection soldering connection L 15mm ambient temperature max. 85°C mounting distance 10mm actuating force: 13g lever length 17mm		

toggle switches


M12x0.75



1

No.	301230	Ref. No.	R02.19.008A.00
description	toggle switch thread M12x0.75 2NO 250V 15A ON-OFF screw		
For models:	GRAH18, GRAH30, GRAH42, GRAH54		
accessories for	301230		
	No.	112947	Ref. No.
	07.01.035.00		
bezel L 60mm W 51mm			
	No.	691506	Ref. No.
	07.01.214.00		
plate for toggle switch			

float switches

			
1			
No.	402061	Ref. No.	X02.01.249.00
description	float switch thread 9.7 1NO ø 26mm L 130mm mounting ø 10mm 230V 0.5A cable cable length 500mm		
For models:	FLVM1X		

cam switches

4-position



1

No.	300022	Ref. No.	X02.19.174.00
description	cam switch 4 operating positions 2CO sequence 0-1-2-3 16A shaft Ø 6x4.6mm shaft L 23mm connection screw		

magnetic switches

accessories

magnets



1

No.	691503	Ref. No.	X05.30.099.00
description	magnet for door		
For models:	FLVM1X		

encoders and potentiometers



1

No.	402057	Ref. No.	02.13.338.00 02.13.340.00 X02.13.330.00
description	potentiometer 0.5KOhm rotation 320° shaft Ø 6mm shaft L 12.8mm 25W 230V type FVR25W cable length 150mm		

accessories for 402057



No.	112939	Ref. No.	X05.30.098.00 X05.30.098.00 old
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knob switch zero mark Ø 45mm shaft Ø 6mm

lamps

indicator lights

indicator lights (complete)

Ø12mm

with plug-in socket



1

No.	359041	Ref. No.	X02.19.175.00 X02.19.182.00
description	indicator light Ø 12mm green 230V connection male faston 6.3mm temp.-resist. 120°C Qty 1 pcs		
For models:	FLVM1X		



1

No.	359043	Ref. No.	X02.19.176.00 X02.19.181.00
description	indicator light Ø 12mm red 230V connection male faston 6.3mm temp.-resist. 120°C Qty 1 pcs		
For models:	FLVM1X		



1

No.	580014	Ref. No.	2-19-029 2-19-154
description	indicator light Ø 12mm 230V red		

Ø12.5mm



1

No.	357009	Ref. No.	02.19.150.00
description	indicator light Ø 12.5mm 230V green connection male faston 4.8mm		
For models:	GRAH18, GRAH30, GRAH42, GRAH54		

screw-on/push-on fit

light bulbs

for lighting



1

No.	359849	Ref. No.	R02.30.058.00
description	light bulb t.max.°C socket E27 230V 60W Ø 48mm L 102mm lens L 75mm PTFE coated for HATCO heated bridge GR Qty 1 pcs		

oven lamps

producer-specific oven lamps

HATCO



1

No.	359500	Ref. No.	X02.30.102.00
description	lamp socket 250V socket E27 connection cable 250mm ø 35mm H 38mm mounting distance Qty 1 pcs		
For models:	FLVM1X		



1

No.	359848	Ref. No.	02.30.045.00 R02.30.045.00
description	lamp socket socket E27 double for HATCO heated bridge GR		



1

No.	359847	Ref. No.	02.30.044.00 R02.30.044.00
description	lamp socket socket E27 for HATCO heated bridge GR		

lamps

light bulbs



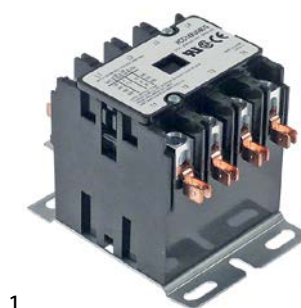
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No.	359849	Ref. No.	R02.30.058.00
description	light bulb t.max.°C socket E27 230V 60W ø 48mm L 102mm lens L 75mm PTFE coated for HATCO heated bridge GR Qty 1 pcs		

contactors

HARTLAND

power contactors

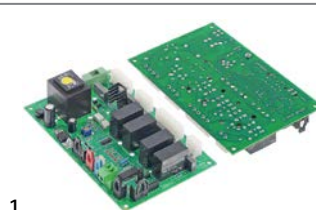


1


No.	580012	Ref. No.	2-01-018
description	contactor resistive load 50A 240VAC 40A/10HP (AC3/240V) 40A/7.46kW main contacts 4NO connection screw clamp/male faston 6.3mm type HCCY4XU04CG		

electronics

PCBs



1

No.	401799	Ref. No.	CM33580150	
description	PCB ice maker N201/N301//N501 230V			
accessories for	401799			
	No.	701450	Ref. No.	—
	connection cable L 1300mm 2-pole level sensor suitable for ice maker connection plug plug type coded plug			



1

No.	403125	Ref. No.	76-2782-3
description	PCB L 175mm W 99mm for ice-cube maker		



keypads

front foils



1

No.	402059	Ref. No.	X07.03.465.00
description	front foil toaster TOASTMAX L 185mm W 85mm		



1

No.	402060	Ref. No.	X07.03.466.00
description	front foil toaster TOASTMAX L 265mm W 85mm		

solenoid valves

solenoid valves (water)

ELBI



1

No.	373001	Ref. No.	65010554
description	solenoid valve single straight 230VAC inlet 3/4" outlet 11.5mm input/min output 2l/min 50/60Hz DN10 t.max. 90°C duty cycle 100% ELBI plastic		



fans

axial fans

import





1

No.	601080 ¹	Ref. No.	X02.12.082.00	
description	axial fan L 119mm W 119mm H 38mm 230VAC 50/60Hz 23/20W bearing ball bearing connection male faston 2.8mm metal ADDA fan wheel ø 110mm temp.-resist. 70°C			
accessories for	601080			
	No.	550898	Ref. No.	—
connecting cable cable length 2000mm connection F 2.8 connection distance 7.9mm for axial flow fan				
	No.	692519	Ref. No.	—
guard L 120mm W 120mm plastic				

¹with ball bearings

1

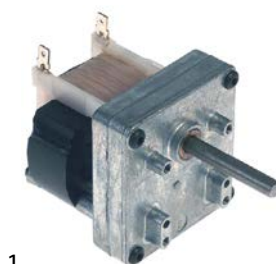
No.	601055 ¹	Ref. No.	X02.12.093.00	
description	axial fan L 92mm W 92mm H 25mm 230VAC 50/60Hz 14.5/14W bearing ball bearing connection male faston 2.8mm metal ADDA fan wheel ø 85mm temp.-resist. 70°C			
For models:	FLVM1X			
accessories for	601055			
	No.	550898	Ref. No.	—
	connecting cable cable length 2000mm connection F 2.8 connection distance 7.9mm for axial flow fan			
	No.	691103	Ref. No.	—
	guard ø 90mm mounting distance 83mm for axial fan 92mm			

¹with ball bearings

motors

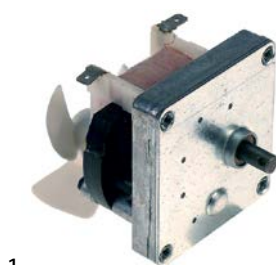
gear motors

miscellaneous



1

No.	601483	Ref. No.	02.12.079.00
description	gear motor MERKLE type 4515UI-063 230V 50Hz 11rpm shaft ø 7x8mm L 125mm W 76mm H 69mm for toaster		

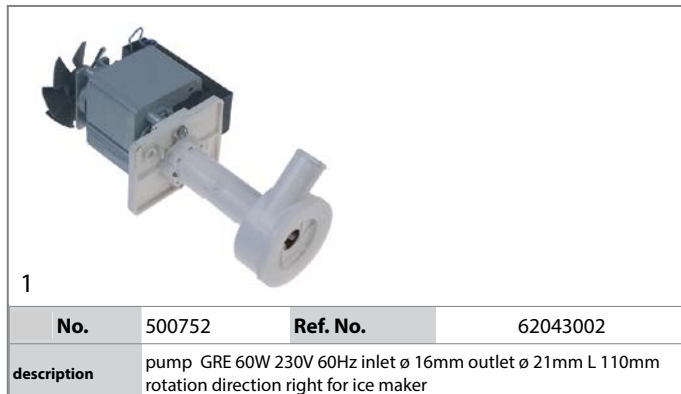


1

No.	601484	Ref. No.	02.12.026.00
description	gear motor MK type S4355L 230V 50Hz shaft ø 7x8mm L 76mm W 70mm H 92mm for hot display		

pumps

pumps for ice machines



1

No.	500752	Ref. No.	62043002
description	pump GRE 60W 230V 60Hz inlet ø 16mm outlet ø 21mm L 110mm rotation direction right for ice maker		



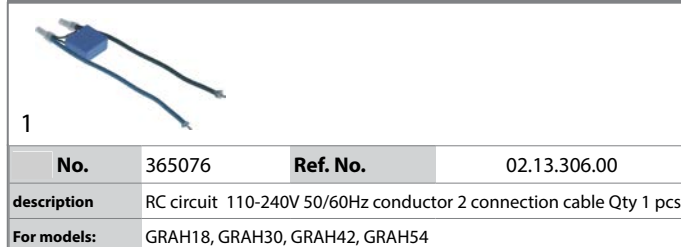
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No.	499122	Ref. No.	7626013
description	pump NBK MOTORS type YSP6PJDVF2 208-240V 50/60Hz outlet ø 26mm L 210mm rotation direction right for ice-cube maker		

condensators & interference suppression filters

filters

RC circuits

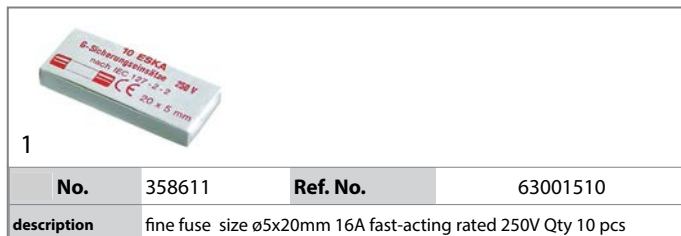


1

No.	365076	Ref. No.	02.13.306.00
description	RC circuit 110-240V 50/60Hz conductor 2 connection cable Qty 1 pcs		
For models:	GRAH18, GRAH30, GRAH42, GRAH54		

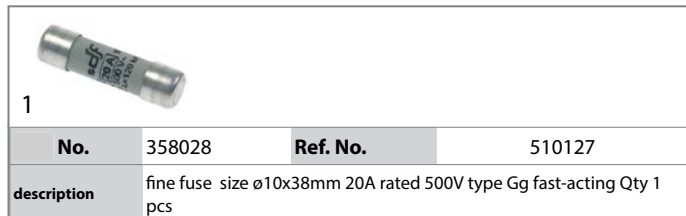
fuses

fine fuses



1

No.	358611	Ref. No.	63001510
description	fine fuse size ø5x20mm 16A fast-acting rated 250V Qty 10 pcs		



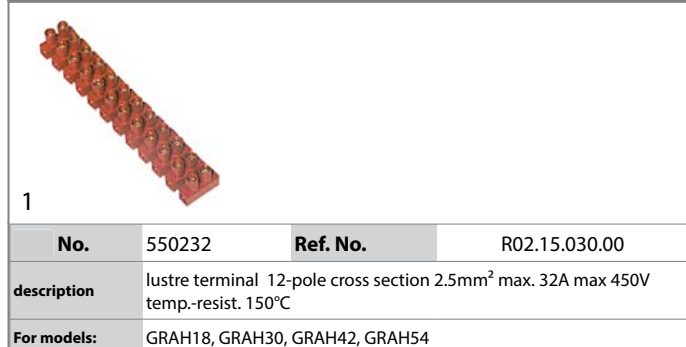
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No.	358028	Ref. No.	510127
description	fine fuse size ø10x38mm 20A rated 500V type Gg fast-acting Qty 1 pcs		

electric accessories

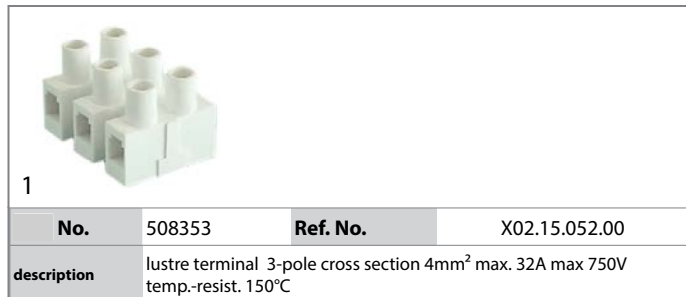
terminals

terminal blocks



1

No.	550232	Ref. No.	R02.15.030.00
description	lustre terminal 12-pole cross section 2.5mm ² max. 32A max 450V temp.-resist. 150°C		
For models:	GRAH18, GRAH30, GRAH42, GRAH54		



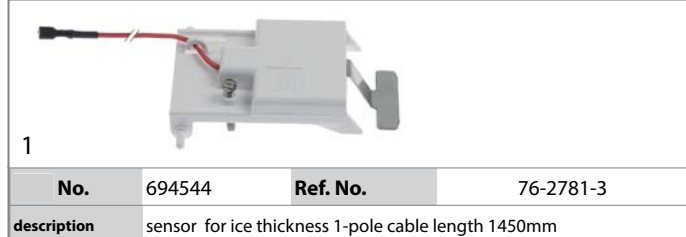
1

No.	508353	Ref. No.	X02.15.052.00
description	lustre terminal 3-pole cross section 4mm ² max. 32A max 750V temp.-resist. 150°C		

equipment-specific units

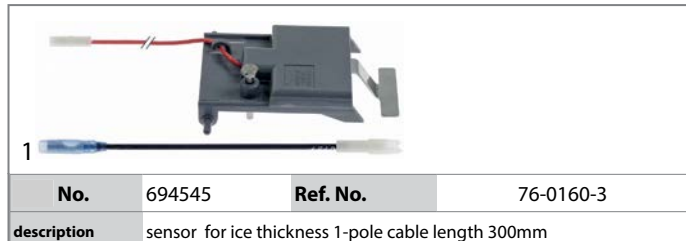
for ice-cube maker

probes



1

No.	694544	Ref. No.	76-2781-3
description	sensor for ice thickness 1-pole cable length 1450mm		



1

No.	694545	Ref. No.	76-0160-3
description	sensor for ice thickness 1-pole cable length 300mm		

valves

intake valves



1

No.	694548	Ref. No.	0200361201
description	intake valve with float		



1

No.	695613	Ref. No.	8369133
description	intake valve with float		

for toasters

miscellaneous



1

No.	691472	Ref. No.	X05.03.040.00
description	chain US norm 25-1 splitting 6mm links 30 internal width 3.3mm rollerø 4.3mm single closed		



1

No.	691473	Ref. No.	X05.03.044.00
description	chain US norm 25-1 splitting 6mm links 31 internal width 3.3mm rollerø 4.3mm single closed		



1

No.	694056	Ref. No.	05.03.036.00 X05.03.042.00
description	conveyor belt L 570mm W 260mm wire gauge ø 1.2mm for conveyor toaster		



1

No.	694057	Ref. No.	X05.03.041.00
description	conveyor belt L 580mm W 180mm wire gauge ø 1.2mm for conveyor toaster		



1

No.	694059	Ref. No.	X05.07.025.00
description	drive shaft ø 9.5mm L 235mm		

accessories for 694059



No.	691470	Ref. No.	X05.03.043.00
description	retaining ring E D1 ø 8mm D2 ø 16mm SS DIN 6799 thickness 1mm for shaft ø 9-12mm		



No.	694060	Ref. No.	X05.02.024.00
description	flange for spindle		



1

No.	694058	Ref. No.	X05.07.026.00
description	drive shaft ø 9.5mm L 320mm		


accessories for 694058




No.	691470	Ref. No.	X05.03.043.00
description	retaining ring E D1 ø 8mm D2 ø 16mm SS DIN 6799 thickness 1mm for shaft ø 9-12mm		



No.	694060	Ref. No.	X05.02.024.00
description	flange for spindle		

			
1			
No.	694060	Ref. No.	X05.02.024.00
description	flange for spindle		


gear wheels

			
1			
No.	691474	Ref. No.	X05.09.052.00 X05.09.053.00
description	sprocket-wheel DIN/ISO splitting 25-1 teeth 24 shaft intake ø 19mm H 18mm hub ø 19mm metal ø 50mm		

			
1			
No.	691475	Ref. No.	05.09.055.00 X05.09.054.00 X05.09.055.00
description	sprocket-wheel DIN/ISO splitting 25-1 teeth 36 shaft intake ø 9.5mm H 18mm hub ø 19mm metal ø 74mm		

for heated display cases

miscellaneous

			
1			
No.	691508	Ref. No.	X04.17.1054.00
description	rotation plate		


knoobs

producer-specific knobs

HATCO


			
1			
No.	111825	Ref. No.	05.30.043.00 R05.30.043.00
description	knob switch zero mark ø 30mm shaft ø 6x4.6mm shaft flat right silver		
For models:	GRAH18, GRAH30, GRAH42, GRAH54		

			
1			
No.	112939	Ref. No.	X05.30.098.00 X05.30.098.00 old
description	knob switch zero mark ø 45mm shaft ø 6mm		
For models:	FLVM1X		

			
1			
No.	112712	Ref. No.	05.30.020.00 X05.30.020.00 X05.30.098.00
description	knob switch zero mark t.max.°C ø 38mm shaft ø 6mm shaft flat		

accessories


fascias

			
1			
No.	112946	Ref. No.	07.01.034.00
description	bezel 0-7 dimensions 51x60mm		
For models:	GRAH18, GRAH30, GRAH42, GRAH54		

equipment feet and end caps

equipment feet

with screw mounting

			
1			
No.	691476	Ref. No.	05.30.007.00 X05.30.092.00
description	equipment foot thread 3/8"-16UNC thread L 12mm H 101-135mm plastic size 1 1/2" Qty 1 pcs		

transmission technology and ball bearings

chains

roller chains 25-1 single



1

No.	691472	Ref. No.	X05.03.040.00
description	chain US norm 25-1 splitting 6mm links 30 internal width 3.3mm rollerø 4.3mm single closed		



1

No.	691473	Ref. No.	X05.03.044.00
description	chain US norm 25-1 splitting 6mm links 31 internal width 3.3mm rollerø 4.3mm single closed		

measuring equipment

thermometers

built-in thermometers

external power supply



1

No.	403623	Ref. No.	X02.16.137.00
description	thermometer mounting measurements 65x20mm 220V 0 up to +99°C cable length 2900mm probe ø 6mm probe L 25mm		
For models:	FLVM1X		

fastening material

fasteners

retainer clips



1

No.	691471	Ref. No.	X05.04.531.00
description	retainer clip L 48mm wire gauge ø 2.3mm stainless steel Qty 1 pcs		

retaining rings

DIN 6799



1

No.	691470	Ref. No.	X05.03.043.00
description	retaining ring E D1 ø 8mm D2 ø 16mm SS DIN 6799 thickness 1mm for shaft ø 9-12mm		

consumables

fuses

fine fuses



1

No.	358611	Ref. No.	63001510
description	fine fuse size ø5x20mm 16A fast-acting rated 250V Qty 10 pcs		

ø10x38mm 500V



1

No.	358028	Ref. No.	510127
description	fine fuse size ø10x38mm 20A rated 500V type Gg fast-acting Qty 1 pcs		