

MODEL	RANGE	SIZES	INPUT	COOLING INDUSTRY	REF.	
<b>Controllers for Cool Industry. Compressor Control. Defrost. (32x74). °C (Copy-Key)</b>						
<b>With Compressor Relay, Defrost Control Activated by Compressor Shutdown</b>						
<b>OT 31-AZ</b> +PTC Probe (Substitute to OT31-A)	-50/+150°C -50/+110°C	32x74 x65	PTC NTC	<b>Digital Controller. Cold/Heat .1 switched Relay/Alarm. ON/OFF. Defrost by stopping the compressor. 1 Digital input. Protection of parameters by "LOCK" password. Decimal Point configurable between -50,0 / +150,0. IP65 Front Panel. Power supply 100...230 Vac. Connector for COPY-KEY device. + Options.</b>	11001	
<b>OT 31-AZB</b> +PTC Probe	-50/+150°C -50/+110°C			Same features as OT31-AZ + 1 Relay/Alarm. Audible alarm. With user configurable digital input. Power supply 100...230V. + Options	11002	
<b>OT 31-Z</b> +Probe	-50/+150°C -50/+110°C			Same features as OT31-AZ. Power supply 12 Vac/dc. + Options.	11003	
<b>Options</b> OT 31				24 Vac/dc	Power supply 24 Vac/dc.	1100A
<b>T2001 -A +Probe</b>	-40/+60°C	32x74 x65	NTC	Digital Temperature Controller. Cold/Heat. 1 switched.Relay/Alarm. On/Off. IP65 Front Panel. Power supply 230 V. (Optional 110 V or 24 V).	12001	
<b>With Defrost Relay + Compressor + Inputs for Evaporator probe and Cold rooms</b>						
<b>OF 32-AZ</b> (100...230 Vac.)	-50/+150°C -50/+110°C	32x74 x65	2 x PTC 2 x NTC	Thermostat, 2 relays (1 switched + 1 single); Control of compressor. Defrost (by resistances, gas or heat pump). Regulation with 2 probes (atmosphere + evaporator). 1 Digital input. TTL Output for RS485 communication port. Protection of parameters by "LOCK" password. IP65 Front panel. With connector for COPY-KEY device + Options.	12002	
<b>OF 32-Z</b> (12 Vac/dc.)					12003	
<b>with Defrost Relay + compressor + Fans + Inputs for Evaporator Probe and Cold Rooms</b>						
<b>OF 33-AZ</b> (100...230 Vac.)	-50/+150°C -50/+110°C	32x74 x65	2 x PTC 2 x NTC	Thermostat, 3 Relays (1 switched + 2 singles); Control of compressor, Defrost (by resistances, gas or heat pump). Control of Fan evaporator Regulation with 1 or 2 probes (atmosphere + evaporator). 1 Digital input. TTL Output for RS485 communication. Protection of parameters by "LOCK" password. IP65 Front panel. With connector for COPY-KEY device + Options.	12004	
<b>OF 33-Z</b> (12 Vac/dc.)					12005	
<b>Options</b> OF 32 OF 33			24 Vac.	Power supply 24 Vac.	1200A	
			Audible Alarm	Internal Audible Alarm	1200B	
			Internal Clock	Internal Clock for on time Defrosting .	1200C	
<b>with Defrost Relay at real time + compressor + Fans + Auxiliary + Inputs for Evaporator Probe and Cold Rooms</b>						
<b>OF 34-AZ</b> (100...230 V.)	-50/+150°C -50/+110°C	32x74 x65	2 x PTC 2 x NTC	Thermostat, 4 Relays (singles); Configurable for: Controlling the compressor, Defrosting at real time, Controlling the fans and evaporator, 4th additional relay. 1 Digital input. Regulation with 1 or 2 probes (atmosphere + evaporator). TTL Output for RS485 communication. IP65 Front panel. Protection of parameters by "LOCK" password. With connector for COPY-KEY device.	12006	
<b>OF 34-Z</b> (12 Vac/dc.)					12007	
<b>Accessories</b> OF32 OF33 OF34			COPY-KEY 05	Device to program the apparatus rapidly and without errors. Once the apparatus configured, easily transfer its parameters to another one.	11013	
<b>Cool industry controllers with RS485. Compressor Control. Defrost. (32x74). °C (Copy-Key)</b>						
<b>with Defrost Relay at real time + compressor + Fans + Auxiliary + Inputs for Evaporator Probe and Cold Rooms</b>						
<b>OF 35-CRS</b>	-50/+150°C -19.9/+19.9°C	32x74 x65	2 x PTC	Digital Thermostat. 4 Relays of Control. ON/OFF. with RS485 communication port for Softwares, PLC. Internal Clock for on-time Defrosting. Regulation of Compressor/Fan and Auxiliary. IP65 Front panel. Power supply 12 Vac/dc +options.	12008	
<b>Options</b> OF 35			NTC	NTC Probe Input	1200D	

Note: The codes "-A" mean Power supply 230 Vac. 50/60 Hz.

MODEL	RANGE	SIZES	INPUT	COOL INDUSTRY	REF.
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**Cool industry controllers. Compressor Control. Defrost. (32x74) and (DIN RAIL). °C (Copy-Key)**

**Defrost Relay + Compressor + Fans+ Inputs for Evaporator probe and Cold rooms**

OF 30 +	-50/+150°C -19.9/+19.9°C	32x74 x65	OF 03	Digital Thermostats. Panel mounting. 3 digits. Allows to manage Compressor, Defrost and fan. The relays are in the OF-03 power module. IP65 Front panel	12009
OF 03	-50/+150°C -19.9/+19.9°C	RAIL DIN	2 x PTC Optional (2 x NTC)	Power Module. DIN RAIL Thermostat. 3 Relays. Control of Compressor. 15 A. AC1 (8 A. AC3)/250 Vac. Defrost (by resistances, gas or heat pump). Control of Fan and Evaporator 8A. AC1 (3A. AC3). Regulation with 1 or 2 probes (atmosphere + evaporator). IP65 Front panel. Programmable through OF 30. Power supply 230 V. + Options.	12010
Options OF 03			110 Vac.	Power supply 110 Vac.	1200E
			24 Vac.	Power supply 24 Vac.	1200F



**Defrost Relay + Compressor + Fans+ Inputs for Evaporator probe and Cold rooms. (DIN RAIL).**

OF 43-AZ	-50/+150°C	RAIL DIN	2 x PTC Optional (2 x NTC)	DIN RAIL Thermostat. 3 Relays. Control of Compressor. Defrost (by resistances, gas or heat pump). Control of Fan and Evaporator. Regulation with 1 or 2 probes (atmosphere + evaporator). TTL Output for RS485 Communication. Protection of parameters by "LOCK" password. IP65 Front panel. Power supply 230 V. With Connector for COPY-KEY device.+ Options.	12011
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**Controller for MILK / Liquid Cooling applications, Compressor Control, Shaker. (DIN RAIL).**

OF 50	-50/+150°C -19.9/+19.9°C	RAIL DIN	PTC	Digital Thermostat. Specially designed for controlling Milk cooling or other liquids. Time and Temperature Programming of Shaker running, manually or automatically. 1 Display. IP65 Front panel. Power supply 230V. +Options.	12012
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**Multi stage controllers . Control station / Condensers central. (DIN RAIL)**

ORT6-mA	-50.0/+900.0	RAIL DIN	4...20 mA.	Controller of Stages/ Compressors/Fans. 1-6 stages . ON/OFF for rotation or capacity. Probe input for Pressure or Temperature. Cold or Heat management. IP65 Front panel. Power supply 230...110Vac.	12013
ORT6-O	-50/+130°C		PTC		12014



**Multi stage controllers. Control station / Condensers central. (32x74). (Copy-Key)**

OKC 41-O (12 Vac/dc.)	-50.0/+150.0°C -50.0/+110.0°C	32x74 x65	PTC NTC	Stage controllers (Compressors/Fans) from 1 to 4 power loads; (expandable to 12 Power loads) by OKC-04 power module (DIN RAIL). Regulation for rotation or capacity, for compressors of 1 or several stages, fans, power loads,... 1 Display. 4 digits. Additional 12 Vdc Output for passive probes. IP65 Front panel. With Connector for COPY-KEY device.+ Options.	12015
OKC 41-MA (12 Vac/dc.)	-1999/+9999 -199.9/+999.9 -19.99/+99.99		0/4...20 mA.		12016
Options OKC 41			RS485	RS485 Output for Power loads extension modules (OKC 04) or Software .	1200G



OKC 04		RAIL DIN	4 Loads	Extension Module for 4 Power loads. This module is managed by the OKC41 and we can connect until 2 modules for each OKC41 (Total of 12 Power loads).	12017
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Accessories OKC 41 OF 43-AZ			COPY-KEY 05	Device to program the apparatus rapidly and without errors. Once the apparatus configured, easily transfer its parameters to another one.	11013
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