



CLIMA&COMFORT | RESIDENTIAL

SOLAR THERMAL



PRODUCT IN COMPLIANCE WITH EU REGULATIONS ON ECODESIGN* AND ENERGY LABELLING

 * Minimum efficiency limits on global primary energy consumption for product & onboard heating system circulators

ECOTECH HD SYSTEM ECOTECH G SYSTEM SOLAR COMPACT KIT ECOTOP VHM-N ECOUNIT F 100-500 ACCESSORIES SUPPORT SYSTEM FOR SLOPING ROOFS

ECOTECH HD SYSTEM THERMOSYPHON SYSTEM (NATURAL CIRCULATION) FOR TERRACE INSTALLATION

mod. HD 300

> PRODUCT SPECIFICATIONS

 Complete system: flat collector, tank, hydraulic fittings, collector connection pipes, 8 bar pressure safety valves with non-return valve on cold water inlet; safety valve 1,7 bar solar primary circuit

COLLECTOR FEATURES

- Flat collectors with high efficiency
- Structure of the tub collector in dark painted aluminum
- Highly selective aluminum absorber with titanium oxide treatment
- Tempered glass, prismatic with high transparency

TANK FEATURES

- Storage tank for domestic hot water, with external cavity on the primary circuit side.
- Enamel surface on water side. Rigid insulation of 40 mm thickness and external finish in painted sheet steel.
- Supplied in standard configuration with magnesium anode and electrical integration resistance

TANK FEATURES			150	200	300	300 H	
Water volume		1	145	190	273	273	
Primary circuit volume I		8,6	11,2	15,9	15,9		
Magnesium anode diam \ length		22 \ 500 mm	22 \ 650 mm	22 \ 790 mm	22 \ 790 mm		
Overall dimensions	Diameter	mm	560	560	560	560	
Overall dimensions	Length	mm	1070	1315	1765	1765	
Collector type and quantity (*)		1 x mod. VHM-N 2.1	1 x mod. VHM-N 2.1	2 x mod. VHM-N 2.1	2 x mod. VHM-N 2.7		
Net weight kg		53	72	83	83		
M	Water side	bar	8	8	8	8	
Max working pressure	Heating side	bar	2,0	2,0	2,0	2,0	
Electric backup capacity		kW	2,0	2,0	3,0	3,0	
	Water side	type		G 1/2"	female		
Connection	Heating side	type	G 1/2" female				
Elect Heaters type		G 1 1/4" female					
SYSTEM CODE		OXDC1AXA	OXDC1BXA	OXDC2BXA	OXDC2KXA		

IMPORTANT NOTES: It is mandatory to install an expansion vessel on the hydraulic line of domestic hot water (at the inlet point before the storage tank) to protect the tank and the circuit in the house from pressure shocks, and to compensate overpressure in the solar storage tank which may damage or hamper the durability of flexible connection pipes into the house.

> THE COLLECTOR (*)

MODEL		VHM-N 2.1	VHM-N 2.7	
Dimensions	mm	1017 x 2022 x 90	1294 x 2022 x 90	
Gross area of the collector	m ²	2,06	2,62	
Net useful area (absorber)	m ²	1,93	2,47	
Total weight	kg	33,7	41,8	
Stagnation temperature	°C	201,2	201,2	
Solar absorption	%	95	95	
Thermal emission	%	5	5	
Solar collector insulation		40 mm high density mineral wool with ventilation openings		

> ACCESSORIES

DESCRIPTION		CODE	
Special premixed solar fluid, ready for use, antifreeze protection to -12°C (base: Propilene-glycol,		077102X0	
(base: Propiene-glycol, demineralized water, anti-toxic patented pink traceant for pH, specific corrosion inhibitors)	25 kg	077103X0	
 Thermostatic mixing valve 1/2"		013002X0	
Safety temperature valve (opening temperature: 95°C)		36903300	

Ferroli

ECOTECH G SYSTEM ERP



mod. G 300

THERMOSYPHON SYSTEM (NATURAL CIRCULATION) FOR TERRACE INSTALLATION

> PRODUCT SPECIFICATIONS

- Complete system: flat collector, tank, hydraulic fittings, collector connection pipes, antifreeze liquid (pure glycol to be mixed), 10 bar pressure safety valves with non-return valve on cold water inlet; safety valve 1,7 bar solar primary circuit

COLLECTOR FEATURES

- Flat collectors with high efficiency with NATURAL circulation
- Structure of the tub collector in dark painted aluminum
- Highly selective aluminum absorber with titanium oxide treatment
- Tempered glass, prismatic with high transparency
- 22 mm connection / interconnection connections on the four corners of the panel

TANK FEATURES

- Storage tank for domestic hot water, with external cavity on the primary circuit side.
- Enamel surface on water side. Rigid insulation of 40 mm thickness and external finish in painted sheet steel.
- Supplied in standard configuration with magnesium anode and electrical integration resistance

TANK FEATURES			150	200	300	300 H	
Water volume		1	144	199	295	295	
Primary circuit volume I		8	9	19	19		
Magnesium anode diam \ length		22 \ 400 mm	22 \ 450 mm	32 \ 500 mm	32 \ 500 mm		
Overall dimensions	Diameter	mm	500	580	580	580	
Overall dimensions	Length	mm	1290	1290	1790	1790	
Collector type and quantity (**)		1 x mod. 2.0	1 x mod. 2.0	2 x mod. 2.0	2 x mod. 2.4		
Net weight kg		54	68	100	100		
M	Water side	bar	10	10	10	10	
Max working pressure	Heating side	bar	2,0	2,0	2,0	2,0	
Electric backup capacity		kW	2,0	2,0	3,5	3,5	
	Water side	type	G 1/2" female				
Connection	Heating side	type	G 1/2" female				
Elect Heaters type				G 1 1/4'	female		
SYSTEM CODE			OXED11XA	0XED12XA	0XED23XA	0XED33XA	

IMPORTANT NOTES: It is mandatory to install an expansion vessel on the hydraulic line of domestic hot water (at the inlet point before the storage tank) to protect the tank and the circuit in the house from pressure shocks, and to compensate overpressure in the solar storage tank which may damage or hamper the durability of flexible connection pipes into the house.

> THE COLLECTOR (**)

MODEL		2.0	2.4	
Dimensions	mm	1960 x 960 x 80	1960 x 1210 x 80	
Gross area of the collector	m ²	1,88	2,37	
Net useful area (absorber)	m ²	1,83	2,33	
Total weight	kg	32,5	42	
Stagnation temperature	°C	170	170	
Solar absorption	%	95	95	
Thermal emission	%	5	5	
Solar collector insulation		40 mm high density mineral wool with ventilation openings		

SOLAR COMPACT KIT PRE-ASSEMBLED COMPLETE SOLAR SOLUTION



SOLAR COMPACT KIT MADE OF

- Pump station, pre-assembled on the storage tank, including: 1/2" safety valve, flow meter with flow adjuster, filling and drain valves, no return valve and pressure gauge, solar pump, ON/OFF valve, 18 litres solar expansion tank
- Integrated solar control unit, featuring auto-diagnostic function and monitoring of temperatures in the solar installation through dedicated probes (1 PT 1000 + 1 NTC)
- ECOUNIT 2C enamelled storage cylinder with twin coil
- ECOTOP VHM-N 2.1 vertical flat solar collector with prismatic glass (Vertical or Horizontal installation)
- Quick coupling adaptors, with 3/4" M connections to the external side, hydraulic connections included in the package for models ST 200/300 (not included for models BL 200/300)
- Preset for auxiliary electric heater, 1" 1/2 connection
- Monobloc assembly is eventually available alone and includes tank, pump, controller, expansion vessel: model BL 200/300

MODELLO		ST 200 H	BL 200	ST 300 H	BL 300
Storage tank: ERP efficiency class		С	С	С	С
Double coil tank	lt	200	200	300	300
Tank's heat loss	W	67	67	85	85
ECOTRONIC TECH solar controller	n	1	1	1	1
Solar collector: ECOTOP VHM 2.1 N + hydraulic connections	n	1	not supplied	2	not supplied
Total gross surface	m ²	2,09	0	4,18	0
Total useful surface	m ²	1,82	0	3,64	0
ARTICLE NR.		OXDU1AXA	OXDTOAXA	OXDU2BXA	OXDTOBXA

> ACCESSORIES

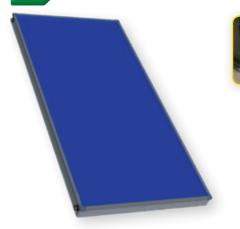
VERTICAL MOUNTING	VERTICAL MOUNTING SETS		
FIXING BARS (1 couple for each collector) mod. 2.1	10	076224X0	
FIXING BARS (1 couple for each collector) mod. 2.7	1.1	076225X0	
ADDITIONAL MOUNTING SET FOR FLAT ROOFS (TERRACE): to be ordered in nr. equal to the total nr. of collectors in one hydraulic battery (or 2 pieces for one single collector) adjustable 30:45°	A	076226X0	

HORIZONTAL MOUNTIN	G SETS	CODE	
FIXING BARS MOD 2.1 1 couple for each collector	10	076224X0	
FIXING BARS MOD 2.7 1 couple for each collector	1.1	076225X0	
VHM-N HORIZONTAL ADAPTING PLATES For Sloping Roofs		076228X0	
ADDITIONAL MOUNTING SET FOR FLAT ROOFS (TERRACE): to be ordered in nr. equal to the total nr. of collectors in one hydraulic battery (or 2 pieces for one single collector)	11	076227X0	
HYDRAULIC INTERCONNECTION SET 2 pcs, insulated (between 2 collectors - horizontal)	-	072243X0	

BRACKETS FOR SLOPING ROOFS	CODE
Stainless steel universal flexible brackets for each collector (4 pcs.)	076218X0
Stainless steel brackets for 1 coll metallic roofs (threaded)	076172X0
Stainless steel brackets for each additional collector - metallic roofs (threaded)	076176X0
Stainless steel brackets for 1 coll metallic roofs (self-threading for wood)	076197X0
Stainless steel brackets for each additional collector - metallic roofs (self-threading for wood)	076198X0
Galvanised brackets for 1 coll flat tiles	076173X0
Galvanised brackets for each additional collector - flat tiles	076175X0
Galvanised brackets for 1 coll curved (florence) tiles	076174X0
Galvanised brackets for each additional collector - curved (florence) tiles	076177X0
Galvanised brackets for 1 coll slate tiles	076195X0
Galvanised brackets for each additional collector - slate tiles	076196X0

	DESCRIPTION		CODE	
	Special premixed solar fluid, ready for use, antifreeze protection to -12°C	5 kg	077102X0	
		25 kg	077103X0	
e e	Thermostatic mixing valve ½"		013002X0	
Û #	Airvent for the solar circuit		072237X0	
	2 kW electric auxiliary heater with overtemperature protection thermostat		073107X0	

ECOTOP VHM-N FLAT PANEL COLLECTOR



> **PRODUCT SPECIFICATIONS**

- Solar collector with "tray" aluminum construction for better durability
- Solar collector absorber with laser-welded with harp copper pipes
- Tempered solar glass, high transparency
- Solar collector insulation: 40 mm high density mineral wool (rear) and 10 mm (side), with ventilation openings
- Max operating pressure: 10 bar

Connection type

- 3/4" M threaded connection / interconnection on the four corners of the panel

MODEL		VHM 2.1 N	VHM 2.7 N
Gross area / Useful area	m ²	2,06 / 1,93	2,62 / 2,47
Length x Width x Height	mm	1017 x 2022 x 90	1294 x 2022 x 90
Number of connections	n.	4	4
Conversion factor η 0 (ref. to aperture area)		0,753	0,753
Heat transfer coeff. a1 (ref. to aperture area)	W/m ² K	3,168	3,168
Heat transfer coeff. a2 (ref. to aperture area)	W/m ² K	0,012	0,012
Weight	kg	33,7	41,8
Fluid content	1	0,87	1,1
Stagnation temperature	°C	201,2	201,2
Heat capacity c (ref. to aperture area)	kJ/m ² K	4,243	4,243
Incidence angle modifier Kθ (50°)		0,94	0,94
Mass flow / Max mass flow	l/h	108 / 150	132 / 180
Max number of collectors in battery	n.	8	6
Solar absorption / Thermal emission	%	95 / 5	95 / 5
Thermal insulation	mm	40	40
Tempered solar glass with thickness	mm	3,2	3,2
Transmission factor	%	91,4	91,4
ARTICLE NR.		0XDP1KXA	0XDP2KXA

> ACCESSORIES

VERTICAL MOUNTING	SETS	CODE	
FIXING BARS (1 couple for each collector) mod. 2.1	1	076224X0	
FIXING BARS (1 couple for each collector) mod. 2.7	1%	076225X0	
ADDITIONAL MOUNTING SET FOR FLAT ROOFS (TERRACE): to be ordered in nr. equal to the total nr. of collectors in one hydraulic battery (or 2 pieces for one single collector) adjustable 30:+45°	A	076226X0	

HORIZONTAL MOUNTING	SETS	CODE	
FIXING BARS MOD 2.1 1 couple for each collector	10	076224X0	
FIXING BARS MOD 2.7 1 couple for each collector	1%	076225X0	
VHM-N HORIZONTAL ADAPTING PLATES For Sloping Roofs		076228X0	
ADDITIONAL MOUNTING SET FOR FLAT ROOFS (TERRACE): to be ordered in nr. equal to the total nr. of collectors in one hydraulic battery))	076227X0	
HYDRAULIC INTERCONNECTION SET 2 pcs, insulated (between 2 collectors - horizontal)	-	072243X0	

BRACKETS FOR SLOPING ROOFS	CODE
Stainless steel universal flexible brackets for each collector (4 pcs.)	076218X0
Stainless steel brackets for 1 coll metallic roofs (threaded)	076172X0
Stainless steel brackets for each additional collector - metallic roofs (threaded)	076176X0
Stainless steel brackets for 1 coll metallic roofs (self-threading for wood)	076197X0
Stainless steel brackets for each additional collector - metallic roofs (self-threading for wood)	076198X0
Galvanised brackets for 1 coll flat tiles	076173X0
Galvanised brackets for each additional collector - flat tiles	076175X0
Galvanised brackets for 1 coll curved (florence) tiles	076174X0
Galvanised brackets for each additional collector - curved (florence) tiles	076177X0
Galvanised brackets for 1 coll slate tiles	076195X0
Galvanised brackets for each additional collector - slate tiles	076196X0

	DESCRIPTION		CODE	
	Special premixed solar fluid, ready for	5 kg	077102X0	
10	use, antifreeze protection to -12°C	25 kg	077103X0	
- all b	Thermostatic mixing valve 1/2"	013002X0		
	Hydraulic connections - start set, 4 pcs connections for the first/last collector)	s. (side	072235X0	
a i ai	Hydraulic interconnection set 2 pcs, insulated (between 2 collectors - verti	ical)	072236X0	
Û,	Airvent for the solar circuit		072237X0	

ECOUNIT F 100-500 DOMESTIC HOT WATER STORAGES WITH SINGLE-DOUBLE COIL ERP

Ferroli (2)

> PRODUCT SPECIFICATIONS

- Vertical storages for DHW, with single heat exchanger/coil (version 1C) or double heat exchanger/ coil (version 2C), made by enamelled steel, for solar systems.
- Rigid insulation 50 mm thickness, exterior in white painted steel.
- Supplied as standard with magnesium anode and electrical backup resistor (1500 Watt) adjustable temperature setpoint: 15-75°C
- 3 probe sockets

	DIMENSIONS (mm)										
	100- 1C	150- 1C	200- 1C	300- 1C	400- 1C	500- 1C	200- 2C	300- 2C	400- 2C	500- 2C	
Α	500	500	540	620	750	750	540	620	750	750	
В	978	1325	1453	1535	1469	1769	1453	1535	1469	1769	
C	870	1216	1344	1431	1326	1626	1344	1431	1326	1626	
D	736	1088	1084	1161	985	1261	1234	1311	1174	1474	
E	636	988	984	1061	885	1161	1134	1211	1074	1374	
F	536	888	884	961	785	1061	1034	1111	974	1274	
G	336	336	334	361	441	441	934	961	852	1152	
Н	236	236	234	261	341	341	834	861	752	1052	
1	126	126	124	131	155	155	734	761	661	898	
J	-	-	-	-	-	-	234	261	391	398	
K	-	-	-	-	-	-	124	131	291	298	
L	-	-	-	-	-	-	324	351	155	155	
М	400	400	440	520	650	650	440	520	650	650	
N	326	326	324	351	418	418	324	351	418	418	

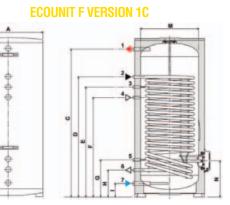
HYDRAULIC CONNECTIONS										
	100- 1C	150- 1C	200- 1C	300- 1C	400- 1C	500- 1C	200- 2C	300- 2C	400- 2C	500- 2C
DHW	3/4"	3/4"	3/4"	1"	1"	1"	3/4"	1"	1"	1"
Heat exchanger/coil(s)	3/4"	3/4"	3/4"	1"	1"	1"	3/4"	3/4"	1"	1"
DHW recirculation feed	3/4"	3/4"	3/4"	1"	1"	1"	3/4"	3/4"	3/4"	3/4"

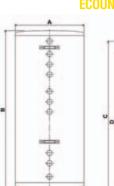
> NOMENCLATURE 1 hot water outlet 2 boiler inlet



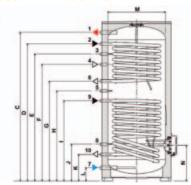
- 4 dhw recirculation feed
- 5 thermal probe
- 6 boiler outlet
- 7 cold water inlet
- 8 thermal probe
- 9 solar circuit inlet







ECOUNIT F VERSION 2C



MODEL				SINGL	E COIL			DOUBLE COIL			
		100-1C	150-1C	200-1C	300-1C	400-1C	500-1C	200-2C	300-2C	400-2C	500-2C
ERP Class	(F - A+ Class)	С	С	С	С	С	С	С	С	С	С
Total capacity	1	89	129	173	261	335	460	174	262	356	461
Nominal power of the coil (At 35°C, upp/low)	m ²	0,74	1,25	1,4	1,83	2,37	3,39	0,5/0,83	0,72/1	1,19/1,52	1,19/2,2
Coil surface (upp/low)	KW	18,5	31,25	35	45,75	59,25	84,75	12,5/20,75	18/25	29,6/38,1	29,6/55
Hydraulic losses of the coil (upp/low)	mbar	228	386	432	565	118	167	155/254	220/308	58/75	58/109
Thermal losses with water temp. 65°C	m ²	0,74	1,25	1,4	1,83	2,37	3,39	0,5 / 0,83	0,72/1	1,19/1,52	1,19/2,2
Max operating temperature	kWh/24h	1,6	1,8	2,2	2,7	2,9	3,5	2,2	2,7	2,9	3,5
Primary circuit flow	°C	95	95	95	95	95	95	95	95	95	95
Max operating pressure	m³/h	2	2	2	2	2	2	2	2	3	3
Weight (empty)	bar	8	8	8	8	8	8	8	8	8	8
Peso a vuoto	kg	45	64	73	103	126	155	73	102	126	155
ARTICLE NR.		GRZ1010A	GRZ3010A	GRZ4110A	GRZ6310A	GRZ7410A	GRZ8410A	GRZ4120A	GRZ6320A	GRZ7420A	GRZ8420A

YDRAULIC MODULES FOR SOLAR SYSTEMS

PUMP + SAFETY VALVES + PRESSURE AND TEMPERATURE GAUGE + FILLING PORTS







> PRODUCT SPECIFICATIONS

- High efficiency (ERP) solar circulator
- Fill/flush hydraulic connections for system charge
- Flow/return analogic thermometers integrated in the pump station
- PP insulation with mechanical rear plate for wall installation
- Hydraulic connection for solar expansion vessel
- Safety valve (6 bar) and pressure gauge of the solar circuit incorporated in the pump station
- Flowmeter (adjustable)
- Check valve (non-return valve) to block passive circulation incorporated in the pump station
- Lodging for Ecotronic controller (Idro 12/30)
- Manual de-aerator integrated in the Idro 12/30 (recommended in any case, mandatory if the filling is not made with high-pressure pumps, is the use of a de-aerator on top of the collector's field)
- Idro 6 includes only return pipe from tank, with accessories.

MODEL		6-E	12-E	30-E	70-E
Dimensions (WxHxL)	mm	155x425x150	308x434x169	308x434x169	285x500x170
Hydraulic connections diameter		3/4"M	1"M	1"M	1"1/4 M
Min-max nominal flow	I/min	1 - 6	2 - 12	8 - 28	20 - 70
Max operating pressure	bar	8	8	8	8
ARTICLE NR.		0X2022XA	0X2021XA	0X2023XA	0X2027XA

(PANSION VESSELS FOR THE SOLAR CIRCUIT

SPECIFIC HIGH-TEMPERATURE AND GLYCOL-RESISTANT SOLAR VESSELS

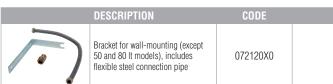


> PRODUCT SPECIFICATIONS

- Suitable for high temperatures
- Suitable for high pressures
- Specific membrane for glycol-based solutions
- 50 and 80 It models with legs for free-standing installation

MODEL	12	18	24	35	50	80
ARTICLE NR.	072101X0	072102X0	072103X0	072117X0	072118X0	072119X0

> ACCESSORIES



ELECTRONIC CONTROL

FOR SINGLE OR DOUBLE EXPOSURE SOLAR FIELDS



> PRODUCT SPECIFICATIONS

- Electronic control for DHW solar thermal systems, with capability to control single exposure or double exposure collectors' fields *
- Self-diagnose function

50.40

- Digital display with graphical symbols of the solar circuit main components

108.00

- 3 probes supplied (2 x PT 1000 + 1 x NTC)
- Voltage supply range: 210-250 V
- Possibility to integrate and manage an auxiliary heater (boiler or electrical backup heater) with an additional thermal probe
- Output signal to control a device (blind) to cover the solar collectors (anti.stagnation function)
- * in case of double exposure collectors' fields the control can operate two solar pumps, or alternatively one solar pump + a couple of two-way valves via an external relay with double inputs (not supplied) which activates the single pump when the control opens either one or both the two way valves.

MODEL	ECOTRONIC TECH	
ARTICLE NR.	0X3002XA	54.00
		34.75

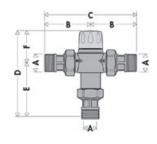
THERMOSTATIC MIXING VALVE

MIXING VALVE SPECIFIC FOR SOLAR SYSTEMS



> PRODUCT SPECIFICATIONS

- DHW thermostatic mixing valve, limestone-proof, adjustable, to prevent injuries due to water
- overheating (e.g. by thermosiphon uncontrolled solar systems) to persons at the DHW tapping point. - Adjustable in the range: 30-65°C
- Diameter 1/2",
- EN 12165 compliant
- Max inlet temperature: 100°C
- Max operating pressure: 5 bar
- Two check-valves (non-return valves) included



DIMENSIONS (mm)								
Α	В	C	D	E	F			
1/2"	67	134	152	86,5	65,5			

MODEL	THERMOSTATIC MIXING VALVE
ARTICLE NR.	013002X0

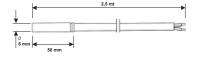
SOLAR PROBE

SOLAR PROBE FOR FORCED SOLAR COLLECTORS, UV-RESISTANT, FOR OUTDOOR USE



> PRODUCT SPECIFICATIONS

- PT 1000 solar probe, AISI 304 Ø6x500 mm sensor head
- Bipolar silicon cable, 22 AWG; L = 2500 mm
- Operating temperature: -20 to +180 °C
- Max operating temperature: 200 $^\circ\mathrm{C}$





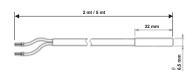
STORAGE PROBE

STORAGE PROBE FOR FORCED SOLAR SYSTEM



> PRODUCT SPECIFICATIONS

- Material: copper
 Insulation voltage strenght: 1500 V
- Resistance at 25°C: 10.000 Ω
- Available in 2 m or 5 m size



MODEL	NTC 2 mt	NTC 5 mt
ARTICLE NR.	1KWMA11W	043005X0

FERSOL - PREMIXED SOLAR FLUID READY-FOR USE SOLAR FLUID FOR HIGH TEMPERATURES, WITH FROST PROTECTION



> PRODUCT SPECIFICATIONS

Special premixed solar fluid, ready for use, antifreeze protection to -12°C (base: Propilene-glycol, demineralized water, anti-toxic patented pink traceant for pH, specific corrosion inhibitors), 5 kg or 25 kg.
 The change in colour (from purple to transparent) of the fluid means the pH is no longer suitable for the

- solar circuit (danger of corrosion), and the fluid must be replaced
- Can resist to stagnation temperatures up to 300 °C
- To be refilled/replaced ONLY with the same type of fluid.

MODEL	LT 5 KG	LT 25 KG
ARTICLE NR.	077102X0	077103X0

Ferroli III

SUPPORT SYSTEM FOR SLOPING ROOFS ERP

> UNIVERSAL STUD

Stainless steel fastening system with stud insert (M12x250 mm) for ECOTECH (all models)*, ECOTOP

Stainless steel fastening system with self-tapping screw for wood (M12x120 min.) for ECOTECH (model 150 and 200), ECOTOP

Specifically for fastening on cement tiles, bitumen tiles, flat metallic surfaces or corrugated one; can also be used for all other types of covering and tiles using drilled studs (lock nut required under the roof) or self-tapping screws for wood (Fischer type anchor required).





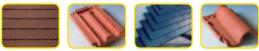
*For installation on sloping roofs, use n°1 code 076172X0 + n° 1 code 076176X0 (for model 250).



THREADED	FIRST COLLECTOR	ADDITIONAL COLLECTOR
ARTICLE NR.	076172X0	076176X0
SELF-THREADING	FIRST COLLECTOR	ADDITIONAL COLLECTOR
SELF-THREADING Article Nr.	FIRST COLLECTOR 076197X0	ADDITIONAL COLLECTOR 076198X0

> UNIVERSAL UNDER-TILES **BRACKFT**

Universal flexible stainless steel fixing set (4 pcs), for ECOTOP series Fit for under-tile application for any type of sloping roof





> BRACKET FOR FLAT TILES



MODEL	FOR EACH COLLECTOR
ARTICLE NR.	076218X0

Adjustable galvanised steel fastening system for ECOTOP series Suitable for roofs with flat tiles ("Marseille" style)

Adjustable galvanised steel fastening system for ECOTOP series



	MODEL	FIRST COLLECTOR	ADDITIONAL COLLECTOR
	ARTICLE NR.	076173X0	076175X0
£			

> BRACKET FOR CURVED TILES



MODEL	FIRST COLLECTOR	ADDITIONAL COLLECTOR
ARTICLE NR.	076174X0	076177X0

> BRACKET FOR SLATE TILES

Adjustable galvanised steel fastening system for FCOTOP series







Suitable for roofs with slate til	es

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MAX 82 mm

Suitable for roofs with curved tiles



MODEL	FIRST COLLECTOR	ADDITIONAL COLLECTOR
ARTICLE NR.	076195X0	076196X0







In accordance with the constant efforts to improve its range of products and thus raise the level of customer satisfaction, the Company stresses that the appearance and/or size, technical specifications and accessories may be subject to variation.

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