

STATIONARY BIO COOLER

BCF 230

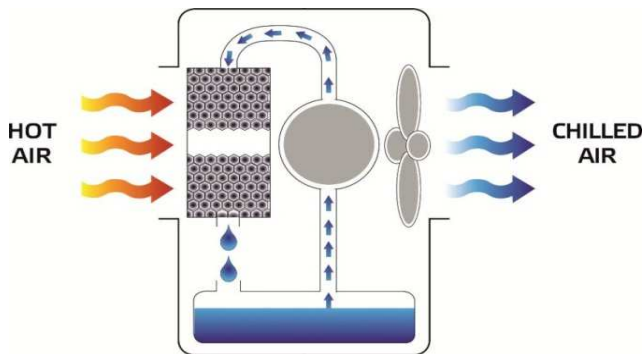
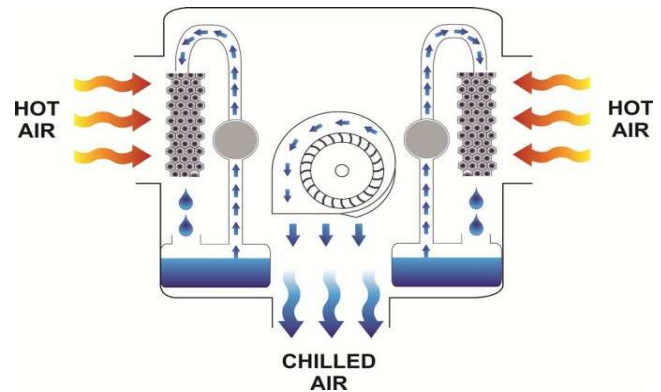
**AXIAL FAN
CENTRIFUGAL FAN**



Petrolgas 
CALAMANDREI SRL

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FUNCTIONING PRINCIPLES

AXIAL FAN BIO-COOLERS

CENTRIFUGAL FAN BIO-COOLERS


An energy saving and environmentally friendly evaporative coolers for climate control of large facilities. It creates a comfortable indoor climate with optimal combination of temperature and humidity.

TECHNICAL DATA

		BCF 230AB	BCF 230AL	BCF 230AU	BCF 230RB	BCF 230RL
Cooling pad	dm ³	220	170	220	220	170
Cooling pad	cm	79x70x10	79x70x10	79x70x10	79x70x10	79x70x10
Air displacement	m ³ /h	18.000	18.000	18.000	18.000	18.000
Max air pressure	Pa	200	200	200	258	258
Fan type		Axial	Axial	Axial	Centrifugal	Centrifugal
Fan speed	n°	12	12	12	12	12
Power consumption	kW	1,1	1,1	1,1	1,5	1,5
Power supply	V	220-240	220-240	220-240	220-240	220-240
Frequency	Hz	50	50	50	50	50
Air exit		bottom	lateral	upper	bottom	lateral
Tank capacity	l	40	40	40	40	40
Water consumption	l/h	10 - 15	10 - 15	10 - 15	10 - 15	10 - 15
Noise level	dB(A)	67	67	67	65	65
IP protection	IP	54	54	54	54	54
Water input/drain	in	1,2" and 1"	1,2" and 1"	1,2" and 1"	1,2" and 1"	1,2" and 1"
Dimensions air exit	cm	65 x 65	65 x 65	65 x 65	65 x 65	65 x 65
Dimensions air exit (Ø)	cm	61	61	61	61	61
Packaging dimensions	cm	110x110x95	110x110x95	110x110x95	110x110x95	110x110x95
Net weight	kg	76	76	76	94	94

FEATURES

AXIAL FAN BIO-COOLERS

MOTOR INSULATION CLASS: B

MOTOR PROTECTION CLASS: IP 54

HIGH STRENGTH SHELL, 10 YEARS WARRANTY

HIGH COOLING EFFICIENCY PAD

FULL-SEALED CONTROL BOARD TO ENSURE LONG SERVICE LIFE WHEN IT UNDER THE HIGH HUMIDITY AND HEAVY AIRSTREM ENVIRONMENT

LCD CONTROL PANEL AND REMOTE CONTROL

FULL-SEALED ALUMINIUM MOTOR

CENTRIFUGAL FAN BIO-COOLERS

MOTOR INSULATION CLASS: E

MOTOR PROTECTION CLASS: IP 54

HIGH STRENGTH SHELL, 10 YEARS WARRANTY

HIGH COOLING EFFICIENCY PAD

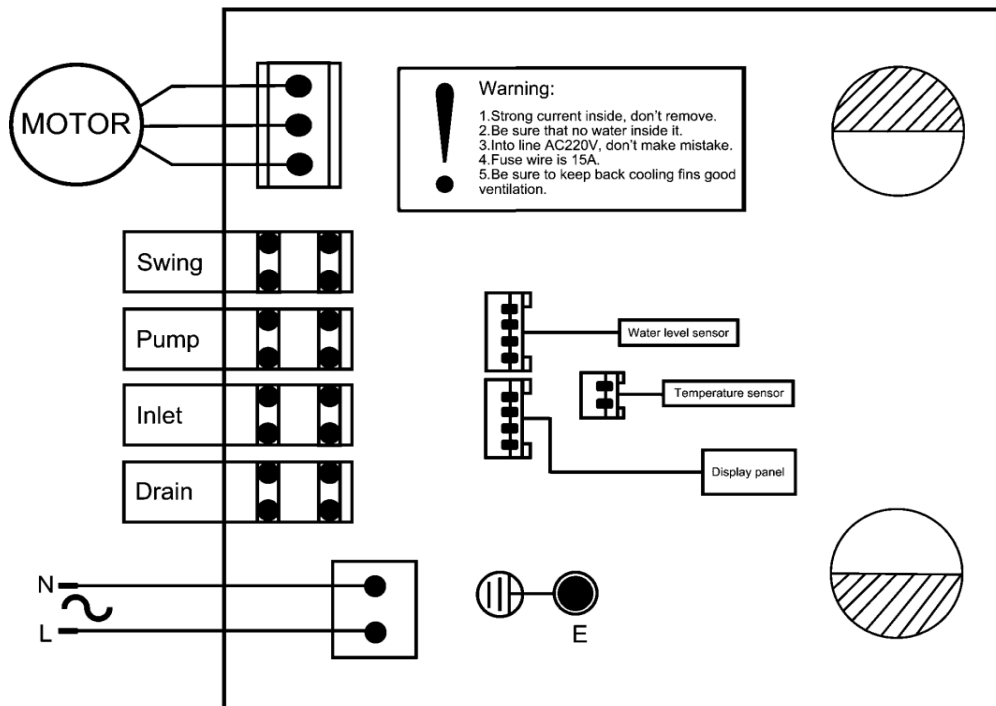
FULL-SEALED CONTROL BOARD TO ENSURE LONG SERVICE LIFE WHEN IT UNDER THE HIGH HUMIDITY AND HEAVY AIRSTREM ENVIRONMENT

LCD CONTROL PANEL AND REMOTE CONTROL

HIGH STATIC PRESSURE ENSURES LONG AIR BLOW DISTANCE SUITABLE FOR HUGE SPAN AREA AIR COOLING

METAL CENTRIFUGAL FAN. STRUCTURAL STABILITY, SMALL VIBRATION AND LOW NOISE

WIRING DIAGRAM



FAN TYPES PERFORMANCES

— STATIC PRESSURE (Axial version) — STATIC PRESSURE (Radial version)

