

## THE RELIABLE AND FLEXIBLE DUCTABLE SOLUTION

Medium prevalence ductable unit, to be combined with purpose-built plenums with or without the aid of the three-way duct. Suitable for mounting on false ceilings, this unit is mainly designed for use in service sector applications and is built with great care from carefully selected materials. This unit can also be connected to a fresh air inlet. A special function can be activated by removing a jumper from the circuit board to increase the pressure so as to channel air at a greater distance.

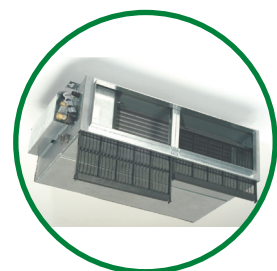
**A**  
**ADIB S13 DC**

**B**  
**ADIC S10 DC**



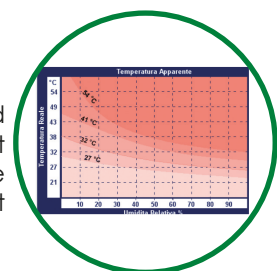
### REMOVABLE FILTERS

The filters can easily be removed for cleaning, facilitating maintenance of the unit.



### HUMIDEX

The AF units are fitted with a special humidity sensor. The signal emitted by this sensor is used by control software that takes account of the local relative humidity of the environment and the temperature measured by the air sensor, in the Humidex index that measures the temperature perceived by the human body. This function is only available when the unit operates in auto mode, in both cooling and heating modes.



### REMOTE CONTROLLABLE AND WIRED INFRARED

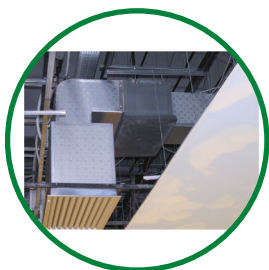
Even though it was designed to be built-in and therefore concealed, AD can be operated by the iSERIES universal remote control, both in wireless and wired modes, by installing a specific infrared receiver and a 5 m cable (supplied).



## DIRECT-EXPANSION INDOOR UNIT



### STANDARD DUCT PLENUMS



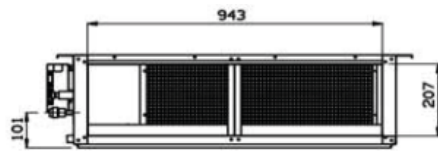
### PLENUM BUILT ON THE CONSTRUCTION SITE



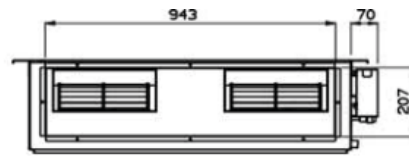
**INFRARED+WIRED**  
wired option already included

MODEL		ADIB S13 DC	ADIC S10 DC
Cooling / heating capacity	kW	up to 5,7 / 7,0	up to 9,0 / 11,0
Size		A	B
Air flowrate I.U. (sl.-l.-m.-h.)	m³/h	450/550/720/850	600/720/950/1050
Dehumidification	l/h	2,3	2,5
Condensate pump static pressure	mm c.a.	250	250
Fan speed	N°	Auto + 3 by remocon	Auto + 3 by remocon
Standard static pressure/contact JP2	Pa	50/62	50/62
Sound pressure (sl.-l.-m.-h.)	dB(A)	32-35-42-47	35-40-46-49
Power supply	V/Ph/Hz	230/1/50-60	230/1/50-60
Motor type		DC Motor Inverter	DC Motor Inverter
Power input	kW	0,076	0,118
Running Ampères	A	0,68	0,95
Liquid pipe diameter	mm (")	6,35(1/4")	6,35(1/4")
Gas pipe diameter	mm (")	9,52(1/2")	12,7(1/2")
Net weight I.U.	kg	23,5	23,5
Net dimensions I.U. (H./W./D.)	mm	266x1175x636	266x1175x636
Control		Infrared and/or wired	Infrared and/or wired
Temperature setting range	°C	+10 a +32	+10 a +32
Active carbon filter		NO	NO
TiO <sub>2</sub> filter		NO	NO
Relative humidity sensor		YES	YES

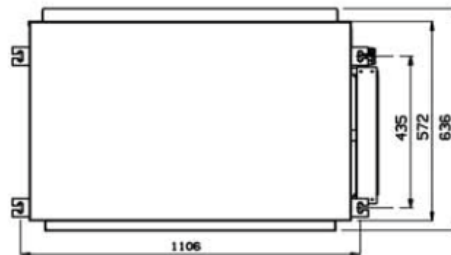
# AD DATA SHEET



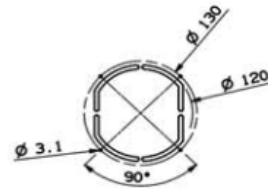
REAR VIEW



FRONT VIEW

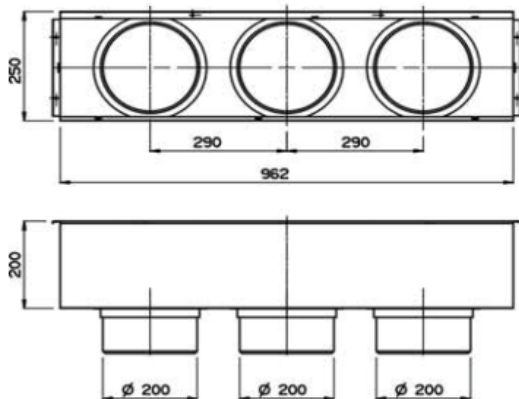


TOP VIEW

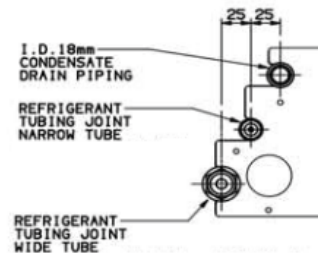


FRESH AIR INTAKE PORT

AIR CONVEYOR  
(OPTIONAL PART)



REFRIGERANT TUBING SIDE



## EXAMPLE OF UNIT INSTALLATION

