

# Umidificatoare

# AC1-80 si AC2-160

## AC1-80



## ROMANA

### Umidificatoare centrifugale pentru conducte

Aceste aparate simple si robuste reprezinta un mijloc extrem de eficient pe umidificarea aerului. Aparatele sunt practic imune la problemele cauzate de calcar in alte tipuri de umidificatoare si pot functiona cu orice tip de apa potabila. Folosirea apei demineralizate nu este recomandata. Aceste aparate sunt folosite mai ales in sistemele de aer conditionat pentru industria textila sau in sectoarele de umidificare a unitatilor de tratare a aerului, in locul bancilor de duze.



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## ENGLISH

### Centrifugal humidifiers for ducts

These simple, sturdy appliances are an extremely efficient way of humidifying the air. They are practically immune to the problems caused by scale in other type of humidifiers and can operate with any kind of drinking water. The use of demineralized water is not advisable. They are mainly used in air conditioning systems for the textile industry or in the humidifying sections of air treatment units instead of banks of nozzels.



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## AC2-160



## Humidifiers

## AC1-80 and AC2-160



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# Umidificatoare

# AC1-80 si AC2-160

## ROMANA

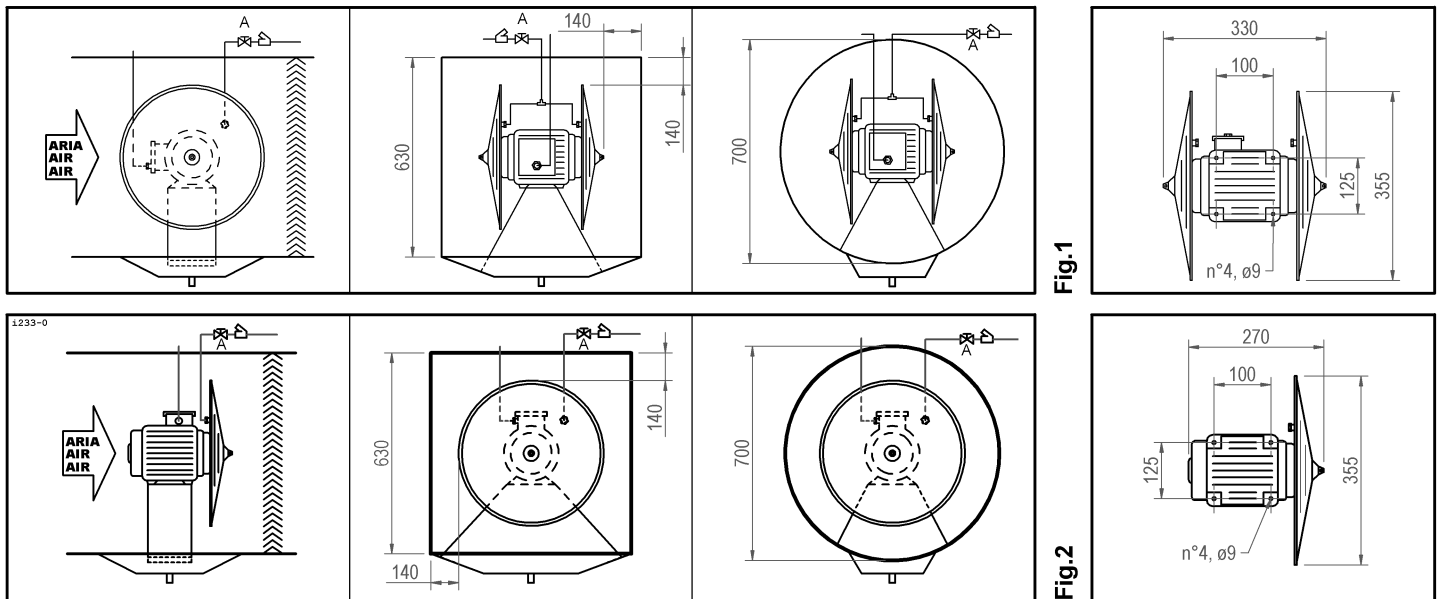
### Consultanta pentru instalare

Aceste aparate sunt instalate in interiorul conductelor de distributie a aerului sau in unitatile de tratare a aerului. Datorita faptului ca nu toata apa este pulverizata si ca o parte din ceata produce condens in interiorul conductei, e necesar un sistem de colectare si refulare. Acea parte a conductei, care contine umidificatorul trebuie sa fie inchisa ermetic, pana la eliminarea cetii. Umidificatorul este pregatit pentru a fi conectat la aprovizionarea cu apa prin intermediul unei tevi de cupru de  $\varnothing 10$  mm. Este foarte important ca un robinet de reglare (A) sa fie montat la conducta de alimentare cu apa, pentru a limita fluxul de apa la 100L/ora pentru AC1-80 si 200L/ora pentru AC2-160. O cantitate excesiva de apa provoaca cresterea picaturilor de ceata, reducand totodata eficienta aparatului. Aceste umidificatoare trebuie instalate cu axul motorului pe orizontal si cu picioarele de fixare in jos. Discurile trebuie sa fie rotite in directia indicata de sageti. Figurile 1 si 2 arata pozitiile de instalare ale aparatelor, in concordanta cu directia fluxului de aer si dimensiunile minime ale conductei, pentru a evita diminuarea performantei. Datele de mai jos sunt orientative si pot fi modificate fara preaviz.

## ENGLISH

### Advice for installation

These appliances are installed inside air distribution ducts or in air treatment units. As not all the water is pulverized and part of the mist produced condenses inside the duct a system for collecting and discharging condensation must be provided. The part of the duct that contains the humidifier must be watertight up to the mist eliminator, if there is one. The humidifier is ready to be connected to the water supply, with a copper tube  $\varnothing 10$ mm internal. It is important that an adjusting tap (A) is fitted on the water supply pipe to limit the water flow to 100 L/hour for the AC1-80 and 200 L/hour for the AC2-160. An excessive amount of water would provoke an increase in the size of the drops of mist, thus reducing the efficiency of the appliance. These humidifiers must be installed with the motor axis in horizontal position and with the anchoring feet facing downwards. The discs must turn in the direction indicated by the arrows. Figures 1 and 2 show the positions for installing the appliances according to the air flow direction and the minimum dimensions of the duct to avoid limiting performance. The above data are not binding and may be changed without notice.



### Date tehnice / Technical features

	Alimentare electrica	Putere absorbita	Capacitate de atomizare [L/ora]	Greutate	Distanta dintre suprafata suport si centrul discurilor
	Power supply	Power absorption	Atomization capacity [L/hour]	Weight	Distance between the support surface and the center of the disks
AC1-80	3~ 230/400V, 50Hz	0,32kW	80	10,6 Kg	80mm
AC2-160		0,42kW	160	13,6 Kg	

# Humidifiers

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