



**ΓΕΝΙΚΟ ΠΡΟΞΕΝΕΙΟ
ΤΗΣ ΕΛΛΑΔΟΣ ΣΤΗΝ ΚΟΡΥΤΣΑ**

ΑΝΑΡΤΗΤΕΟ

Διεύθυνση: BULEVARD REPUBLIKA 18
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Κορυτσά 28 Ιουνίου 2024
Α.Π: Φ.089.1/21/ΑΣ515

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Θέμα: «Πρόσκληση υποβολής προσφορών για την προμήθεια και τοποθέτηση συστήματος ψύξης (chiller)»

Το Γενικό Προξενείο της Ελλάδος στην Κορυτσά, έχοντας υπόψη τις διατάξεις του Ν. 4412 / 2016, όπως έχει τροποποιηθεί και ισχύει, πρόκειται να προβεί στην ανάθεση της προμήθειας και τοποθέτησης ενός συστήματος ψύξης (chiller) στο νέο κτίριο «ΣΕΦΕΡΗ» στο κέντρο της πόλης της Κορυτσάς, και την υπογραφή σύμβασης προϋπολογισθείσας δαπάνης έως 18.300 ευρώ (πλέον Φ.Π.Α).

Ως εκ τούτου, καλεί τους ενδιαφερόμενους να καταθέσουν σχετική προσφορά, (σύμφωνα με τον επισυναπτόμενο πίνακα τεχνικών προδιαγραφών, τους οποίους και παρακαλεί να τηρήσουν πιστά).

Η προς αξιολόγηση προσφορά θα πρέπει να περιλαμβάνει:

α) Την τιμή κατά υπηρεσία, συμπεριλαμβανομένων κρατήσεων και Φ.Π.Α, καθώς και την συνολική αξία των παρερχομένων υπηρεσιών, η οποία δεν θα πρέπει να υπερβαίνει το συνολικό προϋπολογισμό της.

β) Τον αναλογούντα Φ.Π.Α.

γ) Τη χρονική διάρκεια ισχύος της προσφοράς (τουλάχιστον 2 μήνες).

Το κριτήριο ανάθεσης είναι η πλέον συμφέρουσα προσφορά βάσει τιμής.

Η προσφορά μπορεί να κατατεθεί σε έντυπη μορφή στη Γραμματεία του Γενικού Προξενείου της Ελλάδος στην Κορυτσά, Διεύθυνση BULEVARD REPUBLIKA 18 ή σε ηλεκτρονική μορφή στην διεύθυνση e mail: grgencon.kor@mfa.gr, μέχρι και την Παρασκευή, 5 Ιουλίου 2024.

Πριν την ανάθεση ο μειοδότης οφείλει να προσκομίσει:

- Φορολογική και ασφαλιστική ενημερότητα,
- αντίγραφο ποινικού μητρώου,
- αντίγραφο εμπορικού μητρώου (αν υπάρχει),
- πιστοποιητικό ισχύουσας εκπροσώπησης (αν υπάρχει) και
- στοιχεία αλβανικού τραπεζικού λογαριασμού (IBAN).

Ανωτέρω αλβανικά έγγραφα (εκτός του λογαριασμού της αλβανικής τραπεζής) θα πρέπει να φέρουν APOSTILLE και να είναι επίσημα μεταφρασμένα.

Δε θα ληφθούν υπόψη προσφορές οικονομικών φορέων που δεν προσκλήθηκαν να υποβάλουν προσφορά.



Γενικός Πρόξενος

Νικόλαος Γιωτόπουλος
Σύμβουλος Πρεσβείας Α'

Συνημ.: 5 σελίδες

ΑΔΙΑΒΑΘΜΗΤΟ



Specifications

Specifications - Total Heat Recovery Type (TCA-XHR/1)
380V-3N-50Hz/460V-3N-60Hz/380V-3N-60Hz

Model		TCA201XH	TCA301XH	TCA401XH	TCA201XC	TCA401XC	TCA301XC/B	TCA401XC/A
Power supply		V.ph-Hz	380-3-50	380-3-50	380-3-50	380-3-50	460-3-60	380-3-60
Cooling	Cooling capacity	kW	66	100	130	66	130	100
	Cooling power input	kW	21.29	32.25	41.9	21.29	41.9	32.25
	Cooling current	A	40.3	58.1	76.5	37.9	75.5	54.1
Heating	Heating capacity	kW	70	100	140	/	/	/
	Heating power input	kW	21.85	34.37	43.7	/	/	/
	Heating current	A	41.4	61.9	76.5	/	/	/
Maximum power input		kW	30.2	45.7	57.6	30.2	57.6	42
Maximum input current		A	50	80	100	50	100	65
Starting current		A	140	120	266.1	287.2	292.8	185.6
Energy regulation		%	0-50-100	0-50-100	0-50-100	0-100	0-50-100	0-50-100
Compressor	Type	-	Hermetic scroll compressor					
	Brand	-	Emerson	Emerson	Emerson	Emerson	Emerson	Emerson
	Qty	-	2	2	2	1	2	2
Evaporator	Type	-	High-efficiency shell-and-tube heat exchanger					
	Water flow	m ³ /h	11.4	22.4	22.4	11.4	22.4	17.2
	Water pressure drop	kPa	45	45	45	45	45	50
Connection pipe dimension		-	DN65(Flange)					
Fan	Qty	-	2	2	2	2	2	2
	Air flow	m ³ /h	28000	48000	48000	28000	48000	36000
	Current	A	2.35	4.5	5.3	2.35	5.3	3.3
	Power	kW	1.13	1.8	2.2	1.13	2.2	1.5
Unit dimensions (L*W*H)		mm	2200*660*2000	2200*1100*2205	2200*1100*2205	2200*660*2130	2200*1100*2205	2200*1100*2205
Packaging dimensions (L*W*H)		mm	2260*920*2000	2260*1160*2205	2260*1160*2205	2260*920*2130	2260*1160*2205	2260*1160*2205
Net weight		kg	580	850	900	570	850	820
Operating weight		kg	640	850	1000	630	950	900
Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A	R410A

Note:

- The nominal cooling capacity and nominal cooling input power are tested at the rated water flow, water outlet temperature of 7°C, and outdoor dry-bulb temperature of 35°C.
The nominal heating capacity is tested at the rated water flow, water outlet temperature of 45°C, outdoor dry-bulb temperature of 7°C or outdoor wet-bulb temperature of 6°C.
- The operating range is 5°C to 48°C for cooling and -15°C to 48°C for heating. If the unit needs to run in cooling mode at an ambient temperature lower than 5°C, please contact TICA factory.
- As a separate item, control accessory box contains a wired controller, a wired controller communication cable, user manual, and temperature sensor. The configuration is subject to changes, so please refer to actual unit upon delivery.
- The specifications above are based on a single module. Multiple modules can be used in combination. A maximum of 16 modules can be combined.
- About 6% loss caused by system pipelines, water pumps, valves, and dirt after unit installation shall be considered for the cooling (heating) capacity in actual application.

Modular Fixed Frequency Air-cooled Scroll Chiller



Classical Modular Chiller(TCA-X)

R410A CLASSICAL MODULAR UNIT

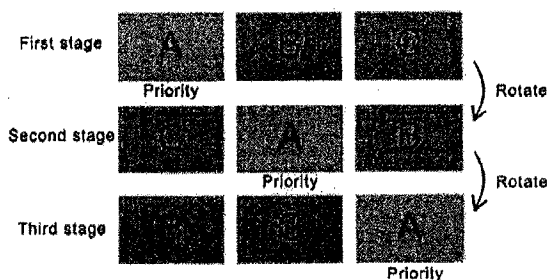
The new generation of X series environment-friendly modular air-cooled unit is based on 20 years of experience in R&D and design, which is greatly improved in aspects of the structure, system and microcomputer control technology, providing wider operation range of refrigeration and heating, and higher adaptability to applications with requirements on comfort and technology. There are basic modules of any combination available for different models, including 66 kW, 100 kW, 130 kW, and at most 16 modules can be connected in parallel, providing combination products of 66 kW ~ 2080 kW.

Excellent Capacity

Units of the same model or different models can be combined freely. Each group can combine up to 16 modules.

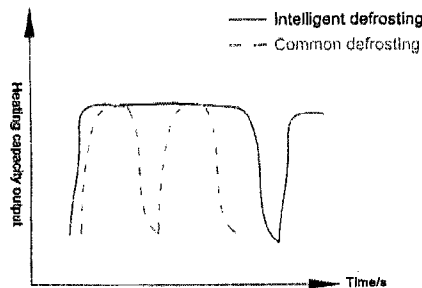
Free master Module Design

Any single unit can operate as the master once connected with the wired controller. It overcomes the problem that the whole system would fail to work properly when the fixed master unit malfunctions.



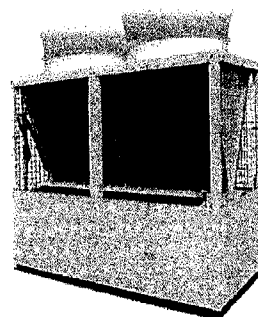
Intelligent Defrosting Technology, Non-stop When Defrosting

The unit control system can determine whether defrosting is necessary according to the ambient temperature in heating mode, evaporating temperature and running time; when defrosting conditions are met, the unit will automatically activate the defrosting program to complete defrosting within a short time and provide heating operation efficiency up to over 90% , ensuring the optimum heating capacity and high EER.



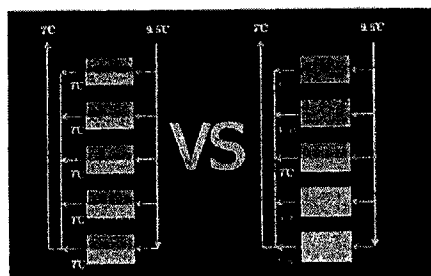
Intelligent Air Volume Regulation

The shared duct system is adopted to greatly expand the operating range. The single-module unit can automatically increase or reduce fans based on the ambient temperature to achieve optimal matching between air volume and load and deliver outstanding performance.



Intelligent Energy Regulation Technology

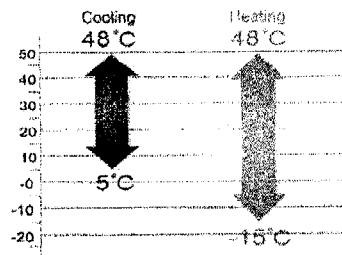
Unique intelligent energy regulation technology in multi-module combination ensures that each module loads or unloads a refrigerant circuit before loading or unloading other refrigerant circuits in the single module, thereby providing higher efficiency, stability and IPLV.



Widely Operation Range

Low temperature cooling
5°C~48°C

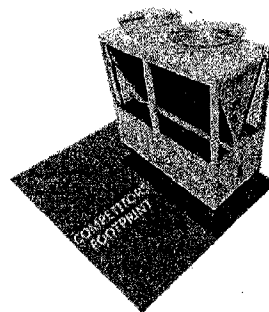
High temperature heating
-15°C~48°C





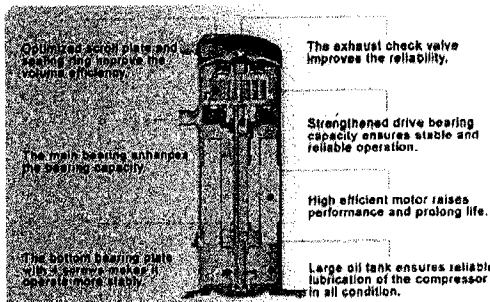
Compact Design And Less Occupied Area

Unique and compact structure results in small size and occupied area, significant reductions in installation space and cost; the unit is compact and easy to install. A 130KW unit covers floor space of only 2.42m², a 50% reduction compared to its equivalents.



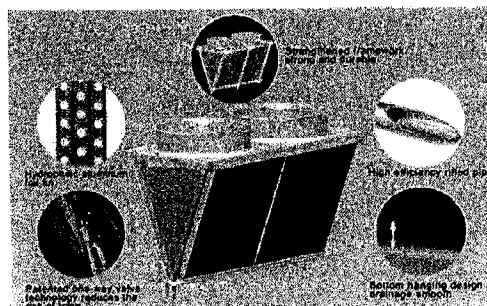
Famous Hermetic Scroll Compressor

Unit adopt famous brand hermetic scroll compressor, which is high-efficient, energy saving and operates stably, with low noise, slight vibration and long service life.



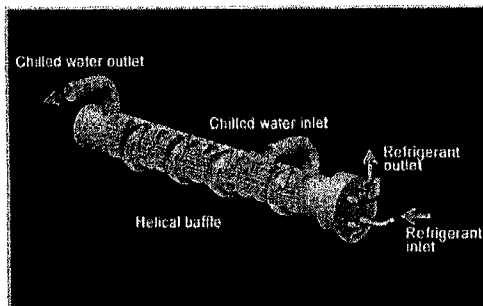
V-Shaped Condenser

The v-shaped condenser has used an integral reinforcing metal frame, internal thread and triple anti-frosting features (patented design of open-window hydrophilic aluminum foil + bottom elevated + one-way valve), providing higher structural stability and corrosion resistance; with heat exchange efficiency improved through full use of heat exchange area, low tendency to dust accumulation and frosting in winter, low loss of pressure, smoother drainage and higher reliability.



Efficient Shell And Tube Heat Exchanger

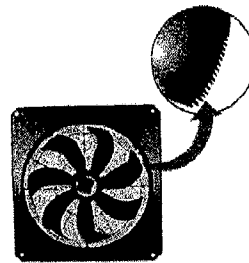
The waterside efficient shell and internal thread heat exchanger is of helical baffle type, with better heat transfer performance and higher resistance to freezing than plate heat exchanger, lower water resistance and lower requirements for water quality.



Modular Fixed Frequency Air-cooled Scroll Chiller

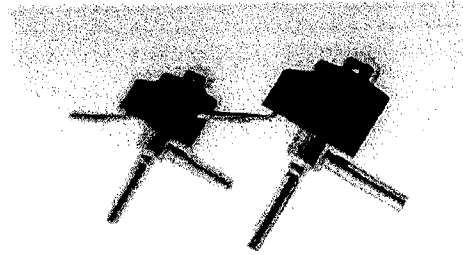
Saw-shaped Impeller

Compared to plastic impellers, the saw-shaped impellers provide large air volume, high durability and high air supply efficiency with low noise.



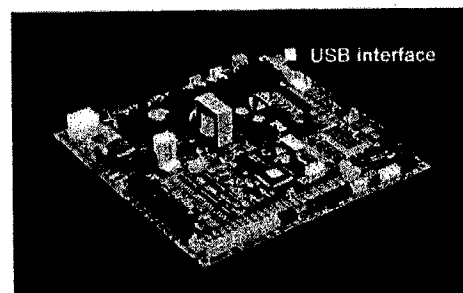
High Precision Electronic Expansion Valve

The electronic expansion valve achieves 480 regulating range, supplemented by TICA's patented precision throttle control technology to realize dynamic matching in refrigerating system, fully improve the optimum efficiency of each component and ensure the optimum condition of system operation pressure and temperature.



Self-developed Microcomputer Control Panel

TICA control panel is fully upgraded based on original control panels with years of experience in R&D and design, which combines more functions including phase sequence detection, current detection, RS-485 communication interface, delivering stronger performance, utility, standardization, convenience and universality. The USB interface is also provided to facilitate later-stage maintenance and upgrade of control function. The panel is supplemented by TICA developed control program which offers full operation control and multiple safety protection functions.



Multiple Protection Functions, Providing Safety And Stability

The unit has multiple safety protection functions which ensure safety and stable operation of the unit and systems. The water flow switch and multiple anti-freezing program designs protect the unit and systems in an all-round way.

