## **Technical Specifications**

Type	Model No.			TAC-12CSA/H	TAC-18CSA/H
Control type					
Rated cooling capacity   Btu/h;   W   12000;3520   18000;5280   Rated heating capacity   Btu/h;   W   N.A					
Rated heating capacity			Dtu/b:\\/		
EER for cooling					·
COP for heating			<u> </u>		
Moisture removal   Liters/h   1.5   2.0			· · · · ·		·
High(DP)   MPa   4.5				,	
Pressure	Moisture removal	Lu: Lan			
Hotor noise level at cooling   High   dB(A)   39   48   Med.   dB(A)   36   46   46   44   44   44   44   44	Pressure				
Indoor noise level   Low   B(A)   Low   B(A)   36   46	Indoor noise level at cooling	<u> </u>			
Low   dB(A)   34		<u> </u>	` '	,	
Outdoor noise level         dB(A)         55         58           Electrical Data         Flower supply         220-240V~/50Hz/IP           Voltage Range         V         198-264         198-264           Rated current         Heating A         N.A         N.A           Rated input         Cooling W         1280         2150           Heating W         N.A         N.A         N.A           Annual energy consumption / Heating W         RA         N.A         N.A           Max Current         Cooling A         7.5         12.7           Max Current         Heating A         N.A         N.A           Heating A         N.A         N.A         N.A           Max Power input Heating A         N.A         N.A         N.A           Refrigerating System         Refrigerating System         Refrigerating System         Refrigerating System         Refrigerating System         Hydrophilic & Louver Fin. Innergroover tube type (qr 7)           Louver or Corrugated Fin. Innergroover tube type (qr 7)         Louver or Corrugated Fin. Innergroover tube type (qr 7)         Louver or Corrugated Fin. Innergroover tube type (qr 7)         Louver or Corrugated Fin. Innergroover tube type (qr 7)         Louver or Corrugated Fin. Innergroover tube type (qr 7)         Louver or Corrugated Fin. Innergroover tube type (qr 7)			` '	,	
Property   198-264   198				,	
Prover supply			dB(A)	55	58
Voltage Range   V	Electrical Data				
Rated current Hasting   A	Power supply			220-240V	~/50Hz/1P
Rated current	Voltage Range		V	198~264	198~264
Heating   A	Rated current	Cooling	Α	5.8	9.8
Rated input	Lateu current	Heating	Α	N.A	N.A
Helating   W	Rated input	Cooling	W	1280	2150
Annual energy consumption	rkated input	Heating		N.A	N.A
Max Current	Annual energy cons	sumption		640	1075
Heating   A   N.A   N.	Max Current  Max Power input	Cooling		7.5	12.7
Cooling   W   Heating   W   N.A   N.A				N.A	N.A
Heating   W		_ <u> </u>		1660	2800
Refrigerating System Refrigerant/Charge			w	N.A	N.A
Refrigerant/Charge   Gram   R410A/620g; 630g; R410A/930g; 1050g	Refrigerating Syst				
Condenser   Cover Fin; Innergroover tube type (φ7) or φ3.52	Refrigerant/Charge (		Gram	R410A/620g; 630g;	R410A/930g; 1050g
Louver or Corrugated Fin; Innergroover tube type (φ7 or φ9.52)   Expansion device   Capillary tube	Evaporator			Hydrophilic & Louver Fin; In	nnergroover tube type (φ7)
Defrosting system	Condenser				
Fan System   midoor an   m3/h   530/530   760/780   midoor fan type   Cross flow   Colon   Cross flow   Col	Expansion device			Capilla	ry tube
Tricolar   Tricolation   Tri	Defrosting system			Microcomputer controlled reverse system	
Cooling	Fan System			_	
Indoor fan type	3/L		m <sup>3</sup> /h	530/530	760/780
Heating   rpm   1250/1150/1000   1300/1220/1150	Indoor fan type			Cross flow	Cross flow
H/M/L         Dry         rpm         1000         1150           Sleep         rpm         1000         1150/1150           Indoor fan motor output         W         12         23           Outdoor fan type         Propeller         Propeller           Outdoor fan speed         rpm         860         850           Outdoor fan motor output         W         31         45           Connections           Connecting Pipe         Gas         Inches         3/8"         1/2"           Connecting Wiring         Size x Core number         1.0x3; 0.75x2         1.5x3; 0.75x2           Drainage Pipe         O.D 16mm           Others           Suitable area         m²         15~23         20~35           Net dimensions (W x H x D)         Indoor mm         770x240x180         898x280x202           (W x H x D)         Outdoor kg         8         11           Net weight         Net weight         8         11           Outdoor         kg         30         36           Packing dimensions (W x H x D)         Outdoor mm         803x598x380         863x598x376           Indoor         kg         10         14	Indoor fan speed H/M/L	Cooling	rpm	1270/1170/1000	1300/1220/1150
Sleep   rpm   1000   1150/1150		Heating	rpm	1250/1150/1000	1300/1220/1150
Diction   Famous		Dry	rpm	1000	1150
Outdoor fan type         Propeller         Propeller           Outdoor fan speed         rpm         860         850           Outdoor fan motor output         W         31         45           Connections           Connecting Pipe         Gas         Inches         3/8"         1/2"           Connecting Wiring         Size x Core number         1/4"         1/4"           Connecting Wiring         Size x Core number         1.0x3; 0.75x2         1.5x3; 0.75x2           Drainage Pipe         O.D 16mm           Others           Suitable area         m²         15~23         20~35           Net dimensions (W x H x D)         Indoor mm         770x240x180         898x280x202           (W x H x D)         Outdoor mm         700x552x256         760x552x256           Net weight         8         11           Packing dimensions (W x H x D)         Indoor mm         855×305×255         995x365x298           Outdoor         Mm         803x598x380         863x598x376           Indoor         kg         10         14           Outdoor         kg         34         40		Sleep	rpm	1000	1150/1150
Outdoor fan speed         rpm         860         850           Outdoor fan motor output         W         31         45           Connections           Connecting Pipe         Gas         Inches         3/8"         1/2"           Connecting Wiring         Size x Core number         1/4"         1/4"           Connecting Wiring         Size x Core number         1.0x3; 0.75x2         1.5x3; 0.75x2           Drainage Pipe         O.D 16mm           Others           Suitable area         m²         15~23         20~35           Net dimensions (W x H x D)         Indoor mm         770x240x180         898x280x202           Net weight         8         11           Net weight         8         11           Packing dimensions (W x H x D)         Indoor kg         30         36           Indoor mm         855×305×255         995x365x298           Outdoor kg         10         14           Gross weight         Indoor kg         10         14           Outdoor kg         34         40	Indoor fan motor output		w	12	23
Outdoor fan speed         rpm         860         850           Outdoor fan motor output         W         31         45           Connections           Connecting Pipe         Gas         Inches         3/8"         1/2"           Liquid         Inches         1/4"         1/4"           Connecting Wiring         Size x Core number         1.0x3; 0.75x2         1.5x3; 0.75x2           Drainage Pipe         O.D 16mm           Others           Suitable area         m²         15~23         20~35           Net dimensions (W x H x D)         Indoor mm         770x240x180         898x280x202           Net weight         Indoor kg         8         11           Outdoor kg         8         11           Outdoor kg         30         36           Packing dimensions (W x H x D)         Indoor mm         855×305×255         995x365x298           Outdoor kg         10         14           Gross weight         Outdoor kg         34         40	Outdoor fan type		•	Propeller	Propeller
Outdoor fan motor output         W         31         45           Connections         Gas         Inches         3/8"         1/2"           Connecting Pipe         Liquid         Inches         1/4"         1/4"           Connecting Wiring         Size x Core number         1.0x3; 0.75x2         1.5x3; 0.75x2           Drainage Pipe         O.D 16mm           Others           Suitable area         m²         15~23         20~35           Net dimensions (W x H x D)         Indoor mm         770x240x180         898x280x202           Net weight         Indoor kg         8         11           Outdoor kg         8         11           Outdoor kg         30         36           Packing dimensions (W x H x D)         Indoor mm         855×305×255         995x365x298           Outdoor kg         0utdoor mm         803x598x380         863x598x376           Indoor kg         10         14           Outdoor kg         34         40	Outdoor fan speed		rpm	<del>                                     </del>	·
Connections           Connecting Pipe         Gas Liquid Inches         3/8" 1/2" 1/4" 1/4"           Connecting Wiring         Size x Core number         1.0x3; 0.75x2         1.5x3; 0.75x2           Drainage Pipe         O.D 16mm           Others           Suitable area         m²         15~23         20~35           Net dimensions (W x H x D)         Indoor mm         770x240x180         898x280x202           Net weight         Indoor kg         8         11           Outdoor kg         30         36           Packing dimensions (W x H x D)         Indoor mm         855×305×255         995x365x298           Outdoor kg         0utdoor mm         803x598x380         863x598x376           Indoor kg         10         14           Outdoor kg         34         40	· ·		<u> </u>	<del> </del>	
Connecting Pipe         Gas Liquid Inches         3/8"         1/2"           Connecting Wiring         Size x Core number         1.0x3; 0.75x2         1.5x3; 0.75x2           Drainage Pipe         O.D 16mm           Others           Suitable area         m²         15~23         20~35           Net dimensions (W x H x D)         Indoor mm         770x240x180         898x280x202           Net weight         Indoor kg         8         11           Outdoor kg         30         36           Packing dimensions (W x H x D)         Indoor mm         855×305×255         995x365x298           Outdoor kg         0utdoor mm         803x598x380         863x598x376           Gross weight         Indoor kg         10         14           Outdoor kg         34         40			-		·-
Connecting Pipe         Liquid         Inches         1/4"         1/4"           Connecting Wiring         Size x Core number         1.0x3; 0.75x2         1.5x3; 0.75x2           Drainage Pipe         O.D 16mm           Others           Suitable area         m²         15~23         20~35           Net dimensions (W x H x D)         Indoor         mm         770x240x180         898x280x202           Outdoor         mm         700x552x256         760x552x256           Net weight         Indoor         kg         8         11           Outdoor         kg         30         36           Packing dimensions (W x H x D)         Indoor         mm         855×305×255         995x365x298           Outdoor         mm         803x598x380         863x598x376           Indoor         kg         10         14           Outdoor         kg         34         40	Connecting Pipe	Gas	Inches	3/8"	1/2"
Connecting Wiring         Size x Core number         1.0x3; 0.75x2         1.5x3; 0.75x2           Drainage Pipe         O.D 16mm           Others           Suitable area         m²         15~23         20~35           Net dimensions (W x H x D)         Indoor         mm         770x240x180         898x280x202           Outdoor         mm         700x552x256         760x552x256           Net weight         Indoor         kg         8         11           Outdoor         kg         30         36           Packing dimensions (W x H x D)         Indoor         855×305×255         995x365x298           Outdoor         mm         803x598x380         863x598x376           Indoor         kg         10         14           Outdoor         kg         34         40				<del> </del>	
Drainage Pipe         O.D 16mm           Others           Suitable area         m²         15~23         20~35           Net dimensions (W x H x D)         Indoor mm         770x240x180         898x280x202           Outdoor mm         700x552x256         760x552x256           Net weight         Indoor kg         8         11           Outdoor kg         30         36           Packing dimensions (W x H x D)         Indoor mm         855×305×255         995x365x298           Outdoor mm         803x598x380         863x598x376           Gross weight         Indoor kg         10         14           Outdoor kg         34         40		<del></del>		<u> </u>	****
Others           Suitable area         m²         15~23         20~35           Net dimensions (W x H x D)         Indoor mm         770x240x180         898x280x202           Net weight         Outdoor kg         700x552x256         760x552x256           Net weight         Indoor kg         8         11           Outdoor kg         30         36           Packing dimensions (W x H x D)         Indoor mm         855×305×255         995x365x298           Outdoor mm         803x598x380         863x598x376           Indoor kg         10         14           Outdoor kg         34         40	<u> </u>				
Suitable area         m²         15~23         20~35           Net dimensions (W x H x D)         Indoor mm         770x240x180         898x280x202           Net weight         Outdoor kg         700x552x256         760x552x256           Net weight         Indoor kg         8         11           Outdoor kg         30         36           Packing dimensions (W x H x D)         Indoor mm         855×305×255         995x365x298           Outdoor mm         803x598x380         863x598x376           Indoor kg         10         14           Outdoor kg         34         40				I	ionan
Net dimensions (W x H x D)         Indoor Outdoor         mm         770x240x180         898x280x202           Net weight         Outdoor         mm         700x552x256         760x552x256           Net weight         Indoor         kg         8         11           Outdoor         kg         30         36           Packing dimensions (W x H x D)         Indoor         mm         855×305×255         995x365x298           Outdoor         mm         803x598x380         863x598x376           Indoor         kg         10         14           Outdoor         kg         34         40			2	45.00	20. 25
(W x H x D)         Outdoor         mm         700x552x256         760x552x256           Net weight         Indoor         kg         8         11           Outdoor         kg         30         36           Packing dimensions (W x H x D)         Indoor         mm         855×305×255         995x365x298           Outdoor         mm         803x598x380         863x598x376           Indoor         kg         10         14           Outdoor         kg         34         40		Indeed		<del> </del>	
Net weight         Indoor kg         8         11           Outdoor kg         30         36           Packing dimensions (W x H x D)         Indoor mm         855×305×255         995x365x298           Outdoor mm         803x598x380         863x598x376           Indoor kg         10         14           Outdoor kg         34         40	10.70		+	<del>                                     </del>	
Net weight         Outdoor         kg         30         36           Packing dimensions (W x H x D)         Indoor         mm         855×305×255         995x365x298           Outdoor         mm         803x598x380         863x598x376           Indoor         kg         10         14           Outdoor         kg         34         40	Net weight	_		<del> </del>	
Outdoor         kg         30         36           Packing dimensions (W x H x D)         Indoor         mm         855×305×255         995x365x298           Outdoor         mm         803x598x380         863x598x376           Indoor         kg         10         14           Outdoor         kg         34         40				<b>————</b>	
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(W x H x D)         Outdoor mm         803x598x380         863x598x376           Gross weight         Indoor kg         10         14           Outdoor kg         34         40	dimensions			<del></del>	
Gross weight Outdoor kg 34 40		Outdoor	mm	803x598x380	863x598x376
Outdoor kg 34 40	Gross weight	Indoor	kg	10	14
Loading Capacity 20'/40'/HC 102/230/268 95/198/220		Outdoor	kg	34	40
	Loading Capacity	20'/40'/40'	HC	102/230/268	95/198/220