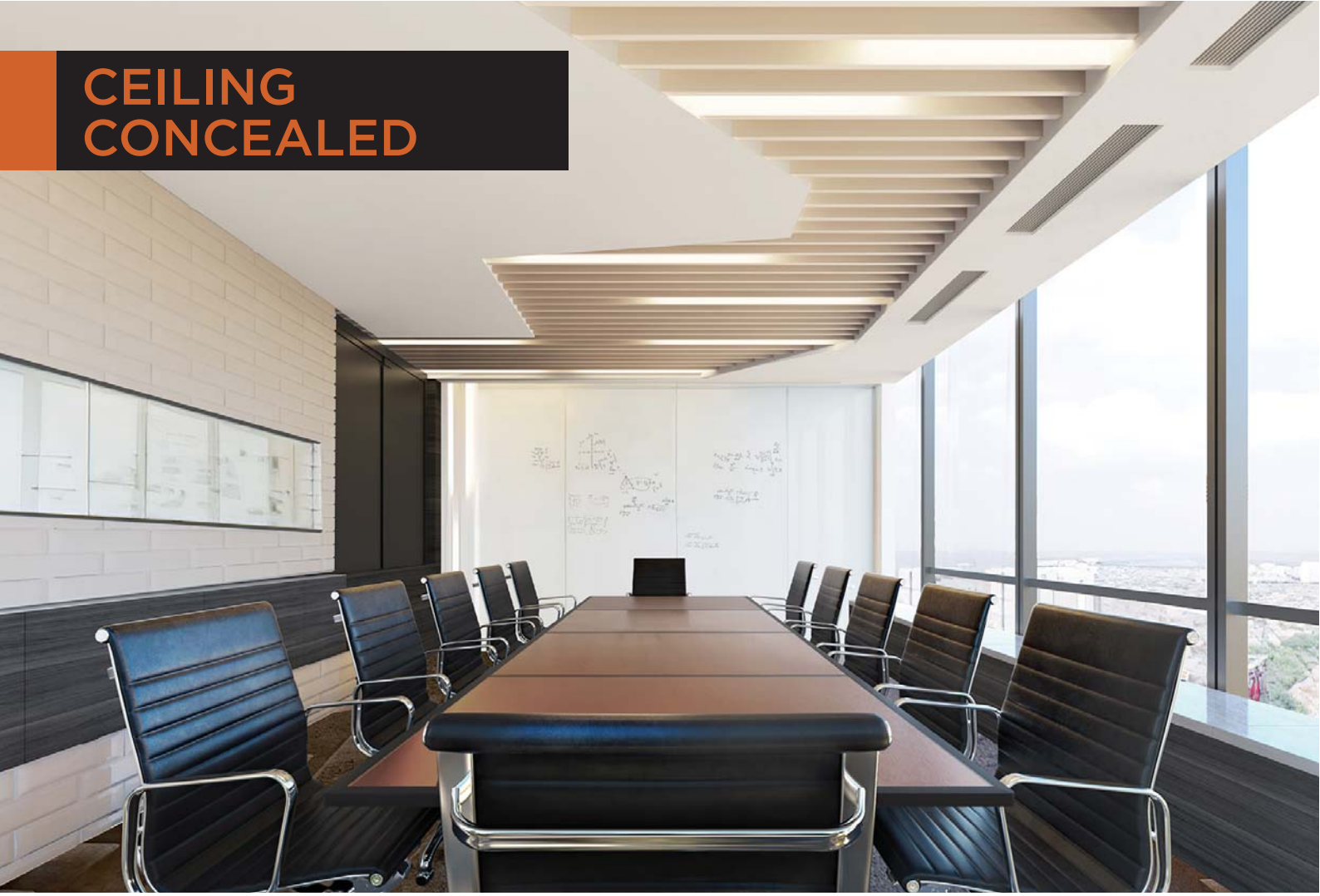
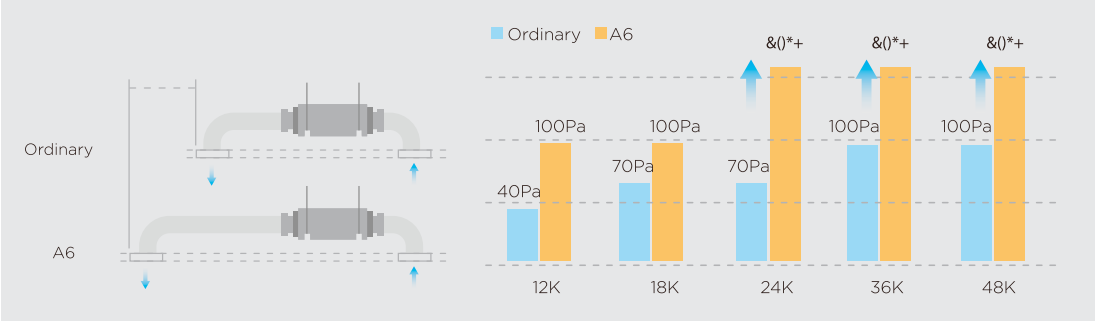
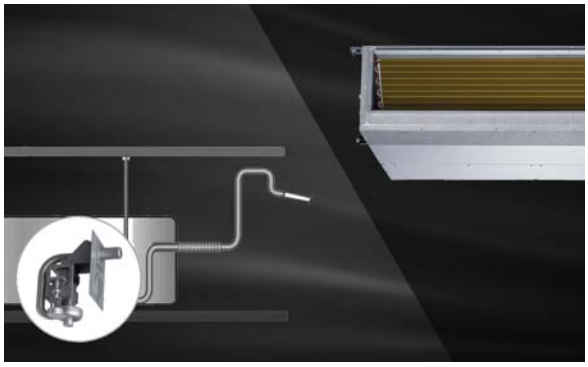
CEILING CONCEALED





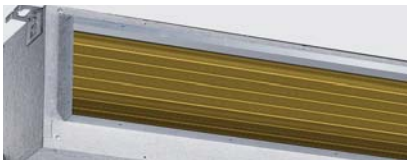
Up to 160Pa High Static Pressure

With new eccentric fan motor, the A6 Duct can be installed in various application that requires high static pressure up to 160Pa.



Built-in Drain Pump

The drain pump can lift the condensing water up to 750mm, which is convenient to install drainage pipes under most conditions. It also allows parts be replaced from the side where maintenance is easier.



PrimeGuard Coating for Long-lasting Performance

The unique anti-corrosive golden coating on the heat exchangers can withstand the salty air, rain and other corrosive elements. It also effectively prevents bacteria from breeding and improves heat efficiency.



Light Weight and Compact Design

With the weight decreases almost 20% and the size shrinks 12.5% in comparison with conventional one, the A6 duct save lots of installation efforts and time as well as creates bigger maintenance space.

SPECIFICATIONS (Ceiling Concealed Inverter)


Sleep Mode


Timer


Built-in Drain Pump


Auto Restart Function


Wired Controller (Optional)


Golden Fin

Model name	Indoor model		MTI-12CRFNX	MTI-18CRFNX	MTI-24CRFNX	MTI-30CRFNX	MTI-36CRFNX	MTI-40CRFNX	MTI-42CRFNX	MTI-48CRFNX	MTI-60CRFNX
	Outdoor model		MOUX-12CFN8	MOUX-18CFN8	MOUX-24CFN8	MOUX-30CFN8	MOUX-36CFN8	MOUX-40CFN8	MOUX-42CFN8	MOUX-48CFN8	MOUX-60CFN8
Power source		V/ph/Hz	220-240-/1/50	220-240-/1/50	220-240-/1/50	220-240-/1/50	220-240-/1/50	380-415-/3/50	220-240/1/50	380-415-/3/50	380-415-/3/50
Cooling capacity		Btu/h	12,000 (1,800-13,607)	18,000 (8,700-20,000)	24,000 (11,180-27,830)	30,000 (7,600-33,600)	36,000 (9,400-38,000)	36,000 (9,300-40,200)	41,000 (10,000-42,000)	48,000 (12,000-53,000)	52,000 (14,000-59,000)
Power consumption - Rated (Min-Max)		W	1,053 (155-1,373)	1,530 (710-2,150)	2,190 (750-2,960)	2,500 (190-3,050)	3,950 (900-4,150)	4,000 (890-4,200)	4,200 (680-4,500)	4,800 (880-6,000)	5,250 (1,030-6,650)
Running current - Rated (Min-Max)		A	4.75 (1.3-6.09)	7.1 (3.2-9.56)	10.2 (4.2-13.2)	11.0 (2.0-13.5)	17.5 (4.2-18.5)	6.5 (1.4-6.7)	18.8 (3.1-19.8)	8.4 (1.9-10.4)	9.6 (3.1-11.5)
Indoor	Air flow (without duct) (High)	m^3/h (cfm)	600 (353)	911 (536)	1229 (723)	2100 (1235)	2100 (1235)	2100 (1235)	2400 (1412)	2400 (1412)	2600 (1529)
	External static pressure - Rated	Pa	25	25	25	37	37	37	50	50	50
	External static pressure - Range	Pa	0-60	0-100	0-160	0-160	0-160	0-160	0-160	0-160	0-160
	Sound pressure(Hi/Mi/Lo)	dB(A)	34.5/32/30	42/39/35	49/46/41	50.5/48/46	50/48/46	50.5/49/47	51.5/49/48	51.5/49/47	52.5/49/47
	Dimension (WxDxH)	mm	700x506x200	880x674x210	1100x774x249	1360x774x249	1360x774x249	1360x774x249	1200x874x300	1200x874x300	1200x874x300
	Machine Weight (Net/Gross)	kg	17.8/21.5	24.4/29.6	32.3/39.1	40.5/48.3	40.5/48.2	40.5/48.2	47.6/55.8	47.6/55.8	47.4/56.1
	Drainage pipe diameter	mm	ODΦ25	ODΦ25	ODΦ25	ODΦ25	ODΦ25	ODΦ25	ODΦ25	ODΦ25	ODΦ25
Outdoor	Sound pressure	dB(A)	53.6	56	60	62	63	63	63	63.5	64
	Dimension (WxDxH)	mm	765x303x555	805x330x554	890x342x673	946x410x810	946x410x810	946x410x810	946x410x810	952x415x1333	952x415x1333
	Machine weight (Net/Gross)	kg	26.6/29	32.5/35.2	43.9/46.9	52.8/57.3	66.9/71.5	80.5/85	71.0/75.0	103.7/118.3	107.0/121.2
	Refrigerant charged (5m piping)	kg	R32/ 0.72	R32/1.15	R32/1.5	R32/2.0	R32/2.4	R32/2.4	R32/2.8	R32/2.9	R32/3.0
Refrigerant piping	Liquid side/ Gas side	mm (inch)	Φ6.35/Φ9.52 (1/4"/3/8")	Φ6.35/Φ12.7 (1/4"/1/2")	Φ9.52/Φ15.9(3/8"/5/8")						
	Max. pipe length	m	25	30	50	50	75	75	75	75	75
	Max. difference in level	m	10	20	25	25	30	30	30	30	30
	Control type (Outdoor)		EXV		EXV+Throttle valve						
	Heat insulation		Both liquid and gas pipe								

Remarks: 1.The above design and specifications are subject to change without prior notice for product improvement.
2.The values given in the table for the noise level reflect the levels in anechoic chamber.

SPECIFICATIONS (Ceiling Concealed Non Inverter)


Sleep Mode


Timer


Built-in Drain Pump


Auto Restart Function


Wired Controller (Optional)


Golden Fin

Model name	Indoor model		MTI-18HRN1	MTI-24HRN1	MTI-36HRN1	MTI-48HRN1	MTI-60HRN1
	Outdoor model		MOU-18HN1	MOU-24HN1	MOU-36HN1	MOU-48HN1	MOU-60HN1
Power source		V/ph/Hz	220-240-/1/50	220-240-/1/50	380-415-/3/50	380-415-/3/50	380-415-/3/50
Cooling capacity		Btu/h	18,000	24,000	36,000	48,000	60,000
Power consumption - Rated		W	2,200	2,870	3,650	5,350	6,360
Running current - Rated (Min-Max)		A	9.7	13.5	6.1	9.2	11
Indoor	Air flow (without duct)(High)	m^3/h (cfm)	978 (575)	1359 (799)	1804 (1061)	2150 (1265)	2400 (1412)
	External static pressure - Rated	Pa	25	25	37	50	50
	External static pressure - Range	Pa	0-60	0-80	0-100	0-160	0-160
	Sound pressure(Hi/Mi/Lo)	dB(A)	44.4/42.1/39.5	43.6/40.5/37.9	47/40.5/38	48.0/45.0/42.0	51.7/46.9/44.4
	Dimension (WxDxH)	mm	880x674x210	1100x774x249	1100x774x249	1200x874x300	1200x874x300
	Machine weight (Net/Gross)	kg	23.8/29.5	32.2/39	32.2/39.4	46/54.5	46/54.5
	Drainage pipe diameter	mm	ODΦ25	ODΦ25	ODΦ25	ODΦ25	ODΦ25
Outdoor	Sound pressure	dB(A)	58	59.8	63	62	62.8
	Dimension (WxDxH)	mm	770x300x555	845x363x702	946x410x810	900x350x1170	900x350x1170
	Machine weight (Net/Gross)	kg	36.5/39.7	52.7/56.1	74.4/78.9	98.6/109.3	99.7/111.2
	Refrigerant charged (5m piping)	kg	R410A/1.5	R410A/1.8	R410A/2.85	R410A/3.3	R410A/3.3
Refrigerant piping	Liquid side/ Gas side	mm (inch)	Φ6.35/Φ12.7 (1/4"/1/2")	Φ9.52/Φ15.9 (3/8"/5/8")	Φ9.52/Φ19 (3/8"/3/4")		
	Max. pipe length	m	25	25	25	50	50
	Max. difference in level	m	15	15	15	30	30
	Control type (Outdoor)		Capillary Tube	Throttle valve			
	Heat insulation		Both liquid and gas pipe				

Remarks: 1.The above design and specifications are subject to change without prior notice for product improvement.
2.The values given in the table for the noise level reflect the levels in anechoic chamber.