



mitsubishi
HEAVY INDUSTRIES EUROPE

**AIRSOURCE DC INVERTER
HEATPUMP**



Environment-Friendly Refrigerant

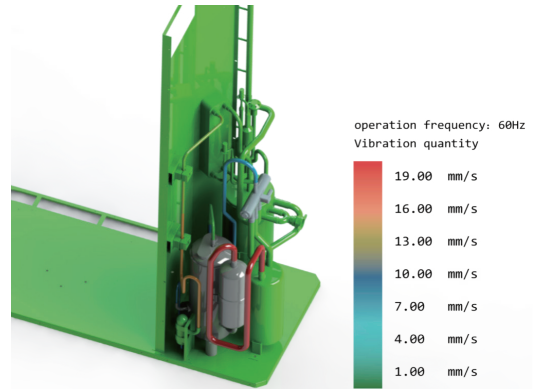
WORLD-CLASS SYSTEMS

Our top class systems have exported to great countries, such as, usa and europe.



STABLE AND RELIABLE

Simulation optimization + test verification, more stable and reliable



COMPRESSOR

DC inverter type compressor



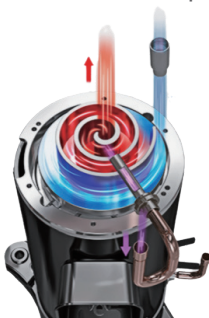
COMPACT DESIGN

Use tank type heat exchanger



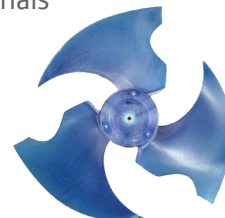
EVI TECHNOLOGY

Enhanced vapor injection technology, heat pump can work -30°C ambient temperature



LOW NOISE FAN

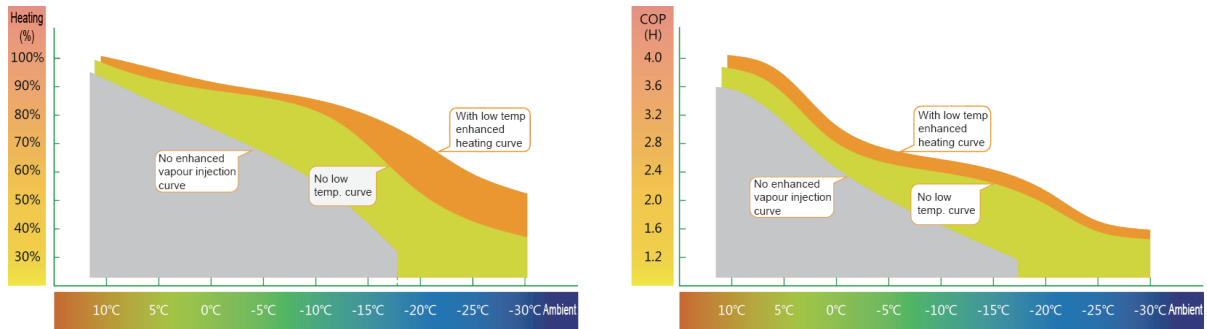
Using the newest auxiliary fans with high-tech materials



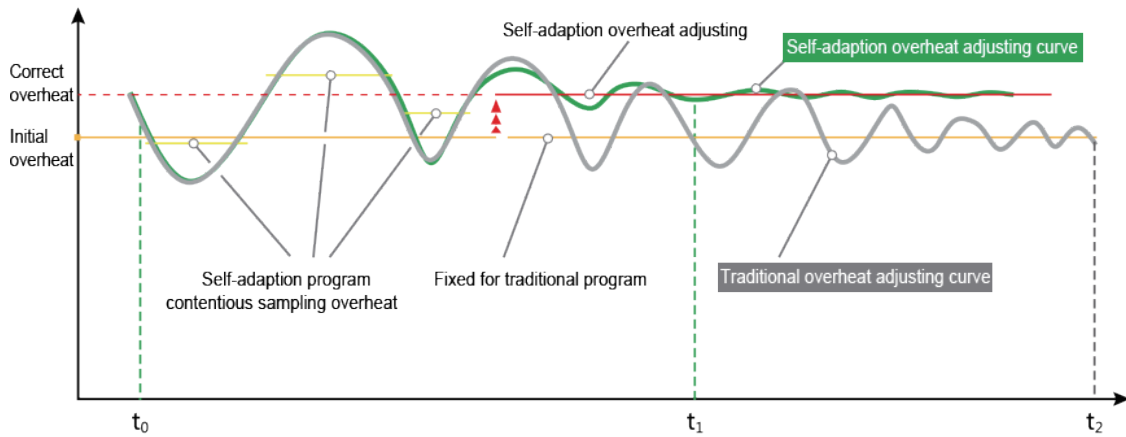
Performance



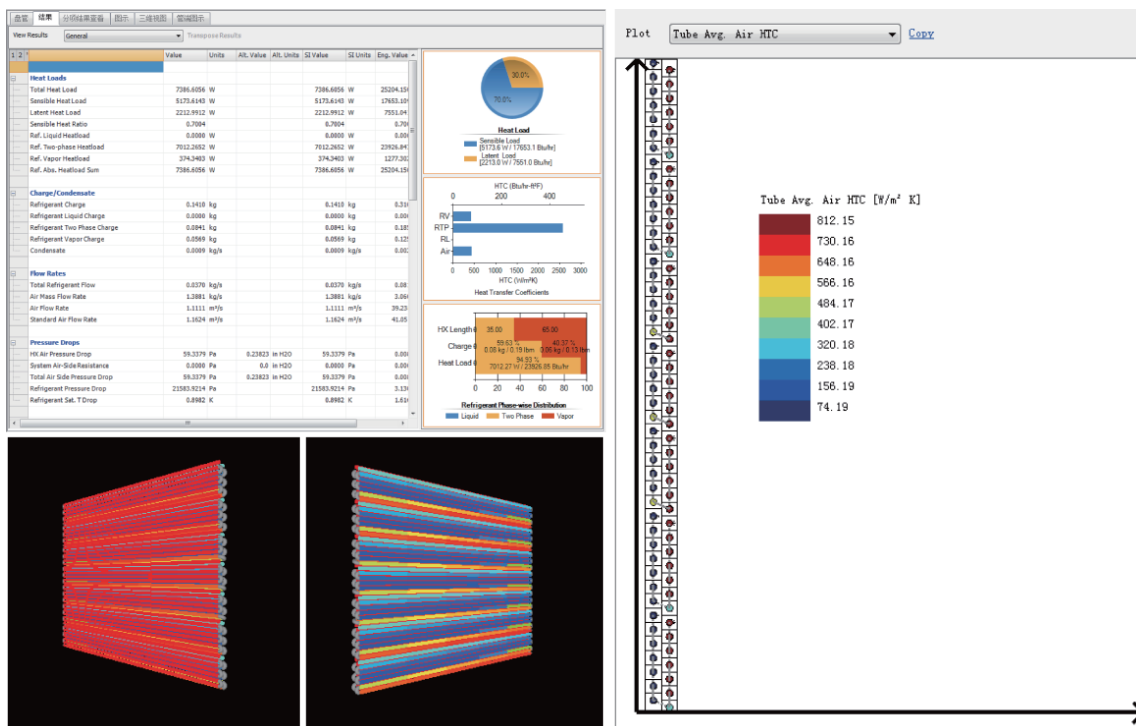
For lower ambient temp working



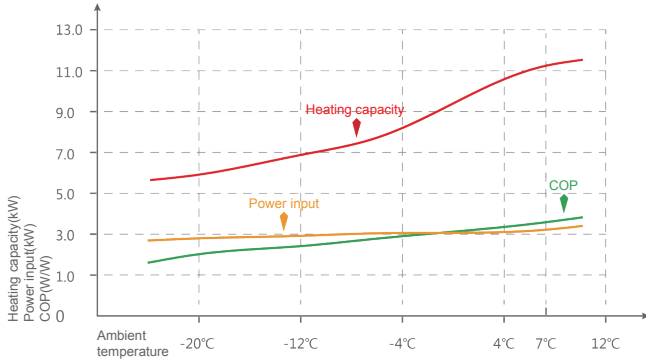
Professional control, more reliable, Adaptive Control for EXV



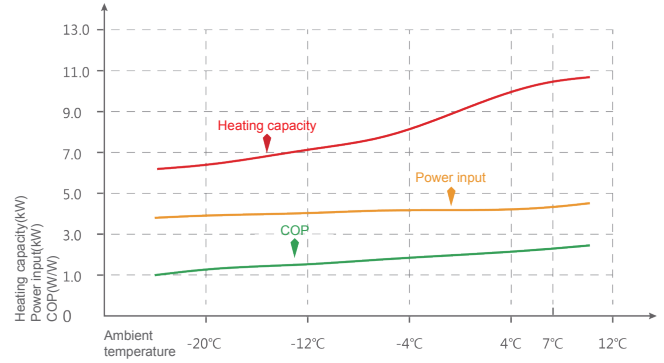
Heat exchanger design



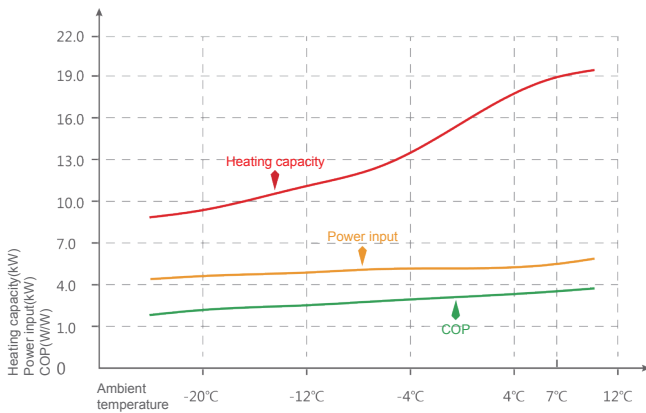
41°C hot water



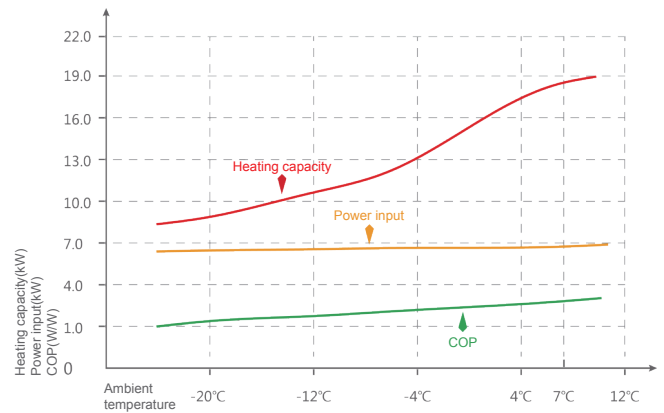
55°C hot water



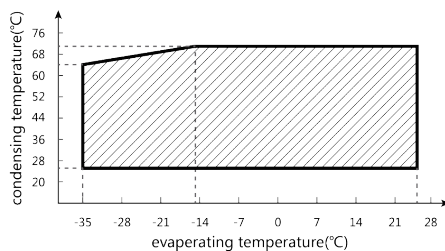
41°C hot water



55°C hot water



More safety
Over 7 protections



Reliable EXV
With great performance



Specifications



Model				QX-3BN	QX-4BN	QX-5BN	QX-6BN
Ambient temperature DB/WB	Hot water	Capacity	Unit	Packaged type			
7°C/6°C	41°C	Heating	kW	11.2	18.9	19.8	20.7
		Power input	kW	3.1	5.4	5.8	6.4
-12°C/-14°C	41°C	Heating	kW	7	11.9	12.9	13.9
		Power input	kW	2.95	4.9	5.2	5.6
-20°C/--°C	41°C	Heating	kW	5.9	9.6	10.7	11.2
		Power input	kW	2.9	4.6	5.3	5.5
35°C/---	7°C	Cooling	kW	8.7	12.5	13.5	14.9
		Power input	kW	3.0	4.4	4.8	5.6
Standard heating COP/IPLV			W/W	2.37/2.83	2.43/2.86	2.48/2.87	2.48/2.88
Max power input			kW	5.5	8.5	8.5	8.5
Max working current			A	20	40	40	40
Compressor type/Brand				DC inverter type			
Compressor quantity				1			
Fan				Low Noise axial type			
Fan quantity				1	2	2	2
Heat exchanger				Plate type heat exchanger			
Inlet/outlet water pipe size				G1	G1	G1	G1
Water flow rate			m ³ /h	1.5	2.14	2.32	2.56
Water resistance			kPa	22	42	49	57
Refrigerant		Type		R410A			
		Charge amount	kg	4	5	5	5
Min/Max Ambient temp	Cooling		°C	21-43			
	Heating		°C	-30-21			
Min/Max Hot water	Cooling		°C	7-24			
	Heating		°C	25-60			
Min/Max working water pressure			MPa	0.05-1			
Power supply				220V/1/50Hz			
Dimension(L×W×H)			mm	1113x594x977	1113x594x1477		
Noise level			dB(A)	64	66	66	66
Net weight			kg	120	160		



Issue (Vol.)	2019/XII-25
--------------	-------------

Literature Order Number	AW003-EN
-------------------------	----------

Date	DEC. 2019
------	-----------

MITSUBISHI ELECTRONICS Co. has a policy of continuous product and product data improvement and reserves the right to change design and specifications without notice.