



## Box L type condensing units

This is the most popular option for small capacity condensing unit. The best choice is for condensing unit starts from hp to hp;

With thicker casing made of high quality steel with powder coating, the whole box with very strong structure;

Fitted with hermetic compressors like Emerson Copeland, Danfoss, Tecumseh and Invotech;

Fitted with axial fans with good quality, running quietly.



### Naming rules:

**RX-FNL-MH(L)**

RX: Brand RX

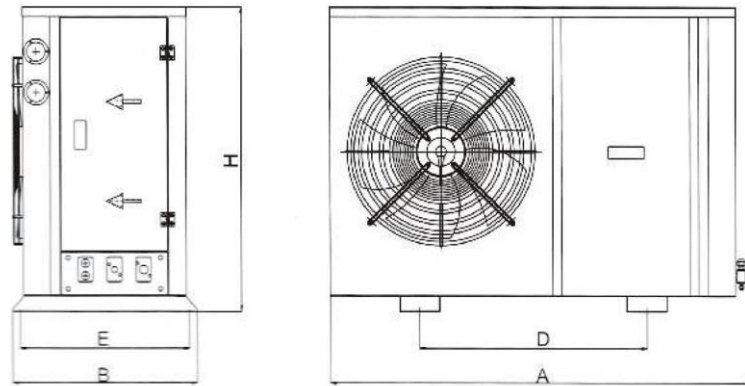
FNL:Type of air-cooled condenser:L type

:Nominal horse power HP

MH:Mid and high temperature

ML:Mid and low temperature





Medium and High Temperature Air-Cooled Condensing Unit Scroll Series							
Model of units		RX-FNL-02MH	RX-FNL-03MH	RX-FNL-04MH	RX-FNL-05MH	RX-FNL-06MH	
Compressor model		ZB15KQ	ZB21KQ	ZB29KQ	ZB38KQ	ZB45KQ	
Applicable Temperature(°C)		0°C ~ -15°C					
Refrigerant		R22 / R404A					
Supply		380V 50Hz					
Condenser	Quantity of Fan(pcs)	1	1	1	2	2	
	Air flow (m <sup>3</sup> /h)	1*3500	1*3500	1*3500	2*3500	2*3500	
	Power of Fan (W)	1*190	1*190	1*190	2*190	2*190	
Ref.Capacity of condensing units	Evaporating Temperature 0°C	Ref. Capacity(W)	5030/5190	7310/7760	9820/10550	12200/13300	14750/15550
		Power(W)	1540/1720	2270/2480	2890/3290	3660/4150	4230/4700
	Evaporating Temperature -5°C	Ref. Capacity(W)	4170/4330	6070/6500	8150/8820	10150/11100	12250/13050
		Power(W)	1520/1760	2240/2500	2860/3310	3610/4180	4210/4730
	Evaporating Temperature -12°C (R404A)	Ref. Capacity(W)	3280	4300	5840	7260/7370	8840/8630
		Power(W)	1840	2510	3330	3570/4200	4150/4760
Coupling	Tube coupling(mm)	φ10	φ10	φ10	φ12	φ12	
	Suction coupling(mm)	φ16	φ16	φ16	φ19	φ19	

Overall dimension	Lenght (A) mm	1110	1110	1110	1110	1110
	Width (B) mm	500	500	500	500	500
	Height (H) mm	790	790	790	1240	1240
Installation dimension	Lenght (D) mm	590	590	590	590	590
	Width (E) mm	440	440	440	440	440

Standard configuration for condensing units: compressor, air cooled condenser, oil separator, suction accumulator, gauges, connection box for low temperature only), filter drier, sight glass, vibration absorber, pressure controller, solenoid valve, pressure

Note: .Workable for adding and reducing the configuration according to customers requirement . The ref.capacity and power is based on the ambient temperature at °C

Medium and High Temperature Air-Cooled Condensing Unit Scroll Series							
Model of units		RX-FNL-07MH	RX-FNL-08MH	RX-FNL-10MH	RX-FNL-12MH	RX-FNL-15MH	
Compressor model		ZB48KQ	ZB58KQ	ZB76KQ	ZB88KQ	ZB114KQ	
Applicable Temperature (°C)		0°C ~ -15°C					
Refrigerant		R22 / R404A					
Supply		380V 50HZ					
Condenser	Quantity of Fan(pcs)	2	2	2	4	4	
	Air flow (m³/h)	2*5050	2*5050	2*6500	4*3500	4*5050	
	Power of Fan (W)	2*250	2*250	2*420	4*190	4*250	
Ref.Capacity of condensing units	Evaporating Temperature 0°C	Ref. Capacity(W)	16250/17100	19300/20700	25900/27500	29600	36200/40300
		Power(W)	4650/5170	5470/6390	7180/8360	8130	8960/12700
	Evaporating Temperature -5°C	Ref. Capacity(W)	13500/14350	15750/17300	21500/23100	24500	29400/33600
		Power(W)	4630/5210	5460/6360	7130/8290	8070	10800/12650
	Evaporating Temperature -12°C (R404A)	Ref. Capacity(W)	9800	11350	15250	17550	21900
		Power(W)	5150	6320	8190	7970	12650
Coupling	Tube coupling(mm)	φ12	φ12	φ16	φ16	φ16	

	Suction coupling(mm)	φ22 Without valve	φ28 Without valve	φ35 Without valve	φ35 Without valve	φ35 Without valve
Overall dimension	Lenght (A) mm	1230	1230	1430	1630	1810
	Width (B) mm	560	560	660	730	630
	Height (H) mm	1240	1390	1390	1390	1390
Installation dimension	Lenght(D) mm	840	680	880	1080	1080
	Width (E) mm	500	500	500	570	570

Standard configuration for condensing units: compressor, air cooled condenser, oil separator, suction accumulator, gauges, connection

box.for low temperature only), filter drier, sight glass, vibration absorber, pressure controller, solenoid valve, pressure Note:.The

ref.capacity and power is based on the ambient temperat u re at °C.Workable for adding and reducing the configuration according to

customers requirement .

High Temperature Air-Cooled Condensing Unit Tecumseh Series				
Model of units	RX-FNL-02MH	RX-FNL-03MH	RX-FNL-04MH	RX-FNL-05MH
Compressor model	FH4524Z	TFH4540Z	TAG4546Z	TAG4561Z
Applicable Temperature (°C)	0°C ~ -15°C			
Refrigerant	R404A			
Condenser	Quantity of Fan(pcs)	1	1	2
	Power of Fan (W)	1*190	1*190	2*190

Ref.Capacity of condensing units	Evaporating Temperature -0°C	Ref. Capacity(W)	4371	8390	9670	12126
		Power(W)	2088	3483	3668	4728
	Evaporating Temperature -5°C	Ref. Capacity(W)	3526	6861	7591	9681
		Power(W)	1920	3184	3322	4256
	Evaporating Temperature -12°C	Ref. Capacity(W)	2500	5009	5175	6804
		Power(W)	1664	2773	2791	3589
Coupling	Tube coupling(mm)	10	10	10	12	
	Suction coupling(mm)	16	16	16	19	
Overall dimension	Lenght (A) mm	1110	1110	1110	1110	
	Width(B) mm	500	500	500	500	
	Height (H) mm	790	790	790	1240	
Installation dimension	(D*E) mm	590*440	590*440	590*440	590*440	

Standard configuration for condensing units:compressor, air cooled condenser, oil separator, suction accumulator (guages, connection box.for low temperature only), filter drier, sight glass, vibration absorber, pressure controller, solenoid valve, pressure

.Workable for adding and reducing the configuration according to customers requirement . Note: .The ref.capacity and power is based on the ambient temperature at °C

Low Temperature Air-Cooled Condensing Unit Tecumseh Series				
Model of units	RX-FNL-02ML	RX-FNL-03ML	RX-FNL-04ML	RX-FNL-05ML
Compressor model	FH2480Z	FH2511Z	TAG2516Z	TAG2522Z
Applicable Temperature (°C)	-10°C ~ -35°C			
Refrigerant	R404A			

Condenser	Quantity of Fan(pcs)		1	1	1	2
	Power of Fan (W)		1*190	1*190	1*190	2*190
Ref.Capacity of condensing units	Evaporating Temperature -15°C	Ref. Capacity (W)	2983	4040	5725	7235
		Power(W)	2172	2833	3803	4695
	Evaporating Temperature -20°C	Ref. Capacity (W)	2268	3054	4218	5406
		Power(W)	1909	2483	3275	4052
	Evaporating Temperature -25°C	Ref. Capacity (W)	1671	2240	3005	3940
		Power(W)	1655	2143	2770	3446
Coupling	Tube coupling(mm)		10	10	10	12
	Suction coupling(mm)		16	16	16	19
Overall dimension	Lenght (A) mm		1110	1110	1110	1110
	Width(B) mm		500	500	500	500
	Height (H) mm		790	790	790	1240
Installation dimension	(D*E) mm		590*440	590*440	590*440	590*440

Standard configuration for condensing units:compressor, air cooled condenser, oil separator, suction accumulator, (guages, connection box.for low temperature only), filter drier, sight glass, vibration absorber, pressure controller, solenoid valve, pressure

.Workable for adding and reducing the configuration according to customers requirement . Note: The ref.capacity and power is based on the ambient temperature at 0°C





## Box U type condensing units



Strong box made of high quality steel with powder coating. Make sure good performance on anti-corrosion and with long using life;

Big inner space available for both hermetic and semi-hermetics compressors;

Widely option for cooling capacity. Recommended horse power from hp to hp;

● Customization available.

### Naming rules:

**RX-FNU-MH(L)**

RX: Brand RX

FNL:Type of air-cooled condenser:U type

:Nominal horse power HP

MH:Mid and high temperature

ML:Mid and low temperature

Model	Heat exchange capacity (kW)	Fan				Connector (mm)		Overall dimension(mm) A*B*H	Installation dimension	
		Power (W)	Diameter (mm)	Air volume (m <sup>3</sup> /h)	Voltage (V)	Outlet tube (mm)	Inlet tube (mm)		D	E
FNU-28	9.3	1*190	φ400	1*3500	380	φ16	φ19	650*650*830	450	610
FNU-35	11.7	1*250	φ450	1*5050	380	φ16	φ19	700*650*950	450	610
FNU-40	13.2	1*250	φ450	1*5050	380	φ16	φ19	750*730*950	500	690
FNU-45	14.9	1*250	φ450	1*5050	380	φ16	φ19	850*730*950	600	690
FNU-50	16.5	1*420	φ500	1*6500	380	φ16	φ22	950*730*950	700	690
FNU-55	18.1	2*190	φ400	2*3500	380	φ16	φ22	1130*730*950	830	690
FNU-60	19.8	2*190	φ400	2*3500	380	φ16	φ22	1130*730*1050	830	690
FNU-70	23.1	2*250	φ450	2*5050	380	φ16	φ22	1250*730*1050	900	690
FNU-80	26.4	2*250	φ450	2*5050	380	φ16	φ22	1250*730*1150	900	690
FNU-90	28.8	2*250	φ450	2*5050	380	φ19	φ25	1250*730*1000	900	690
FNU-100	32.1	2*420	φ500	2*6500	380	φ19	φ25	1350*730*1050	950	690
FNU-120	38.4	2*420	φ500	2*6500	380	φ19	φ25	1350*830*1100	950	790
FNU-130	41.6	2*550	φ550	2*7500	380	φ19	φ25	1500*830*1100	950	790
FNU-140	44.8	2*550	φ550	2*7500	380	φ19	φ25	1500*830*1150	950	790
FNU-150	48.1	2*550	φ550	2*7500	380	φ22	φ28	1500*830*1200	950	790
FNU-160	49.6	2*550	φ550	2*7500	380	φ22	φ28	1500*830*1250	950	790
FNU-180	57.6	2*800	φ600	2*9500	380	φ22	φ28	1600*830*1350	1000	790
FNU-200	62.0	2*800	φ600	2*9500	380	φ25	φ32	1600*880*1450	1000	840
FNU-220	67.5	2*800	φ600	2*9500	380	φ25	φ32	1600*880*1550	1000	840
FNU-240	74.4	2*850	φ630	2*10800	380	φ25	φ32	1800*880*1550	1000	840

Standard configuration for condensing units: compressor, air cooled condenser, oil separator, suction accumulator, (gauges, connection box.for low temperature only), filter drier, sight glass, vibration absorber, pressure controller, solenoid valve, pressure

.Workable for adding and reducing the configuration according to customers requirement . <sup>Note:</sup> .The ref.capacity and power is based on the ambient temperature at °C

Medium and High Temperature Air-Cooled Condensing Unit Scroll Series							
Model of units		RX-FNU-03MH	RX-FNU-05MH	RX-FNU-06MH	RX-FNU-07MH	RX-FNU-08MH	
Compressor model		ZB21KQ	ZB38KQ	ZB45KQ	ZB48KQ	ZB58KQ	
Applicable Temperature (°C)		-5°C ~ -15°C					
Refrigerant		R22/R404A					
Supply		380V 50HZ					
Condenser	Quantity of Fan(pcs)	1	2	2	2	2	
	Power of Fan (W)	1*250	2*190	2*250	2*250	2*420	
Ref.Capacity of condensing units	Evaporating Temperature -5°C	Ref. Capacity(W)	6070/6500	10150/11100	12250/13050	13500/14350	15750/17300
		Power(W)	2240/2500	3610/4180	4210/4730	4630/5210	5460/6360
	Evaporating Temperature -12°C (R404A)	Ref. Capacity(W)	5010	8570	10050	11050	13200
		Power(W)	2510	4200	4760	5230	6320
Coupling	Tube coupling(mm)	φ12	φ12	φ12	φ12	φ12	
	Suction coupling(mm)	φ19	φ22	φ22	φ22	φ28	
Overall dimension	Lenght(A) mm	750	1130	1250	1250	1350	
	Width (B) mm	730	730	730	730	730	
	Height(H) mm	950	950	1150	1150	1050	
Installation dimension (D*E) mm		500*690	830*690	900*690	900*690	950*690	

Standard configuration for condensing units:compressor, air cooled condenser, oil separator, suction accumulator, (gauges, connection box for low temperature only), filter drier, sight glass, vibration absorber, pressure controller, solenoid valve, pressure

.Workable for adding and reducing the configuration according to customers requirement .  
the ambient temperature at °C

Note: The ref.capacity and power is based on



Medium and High Temperature Air-Cooled Condensing Unit Scroll Series							
Model of units		RX-FNU-09MH	RX-FNU-10MH	RX-FNU-12MH	RX-FNU-13MH	RX-FNU-15MH	
Compressor model		ZB66KQ	ZB76KQ	ZB88KQ	ZB95KQ	ZB114KQ	
Applicable Temperature (°C)		-5°C ~ -15°C					
Refrigerant		R22 / R404A					
Supply		380V 50HZ					
Condenser	Quantity of Fan(pcs)	2	2	2	2	2	
	Power of Fan (w)	2*420	2*420	2*550	2*550	2*800	
Ref.Capacity of condensing units	Evaporating Temperature -5°C	Ref. Capacity(w)	18250/19350	21500/23100	24500	/28300	/33600
		Power(w)	6030/7090	7130/8290	8070	/10700	/12650
	Evaporating Temperature -12°C (R404A)	Ref. Capacity(w)	15000	17700	/	21600	25500
		Power(w)	7040	8190	/	10600	12650
Coupling	Tube coupling(mm)	φ16	φ16	φ16	φ16	φ16	
	Suction coupling(mm)	φ35	φ35	φ35	φ35	φ35	
Overall dimension	Lenght(A) mm	1350	1350	1500	1500	1600	
	Width(B) mm	730	830	830	830	830	
	Height(H) mm	1050	1100	1150	1200	1350	
Installation dimension (D*E) mm		950*690	950*790	950*790	950*790	1000*790	

Standard configuration for condensing units: compressor, air cooled condenser, oil separator, suction accumulator, gauges, connection box, for low temperature only), filter drier, sight glass, vibration absorber, pressure controller, solenoid valve, pressure

Note: .Workable for adding and reducing the configuration according to customers requirement . The ref.capacity and power is based on the ambient temperature at °C

Medium and High Temperature Air-Cooled Condensing Unit Semi-hermetic Series							
Model of units		RX-FNU-10MH	RX-FNU-12MH	RX-FNU-15MH	RX-FNU-20MH	RX-FNU-25MH	
Compressor model		4VES-10	4TES-12	4PES-15	4NES-20	4HE-25	
Applicable Temperature (°C)		-5°C ~ -15 °C					
Refrigerant		R22/R404A					
Condenser	Quantity of Fan(pcs)		2	2	2	2	2
	Power of Fan (W)		2*420	2*550	2*550	2*800	2*850
Ref.Capacity of condensing units	Evaporating Temperature -5°C	Ref. Capacity(W)	21300/21300	25700/25800	29400/29400	34800/35200	46400/46500
		Power(W)	7210/8010	8830/9860	10050/11170	11810/13320	15860/17590
	Evaporating Temperature -15°C	Ref. Capacity(W)	13620/13730	16580/16780	18730/18830	22300/22900	30000/30800
		Power(W)	6020/6580	7390/8130	8320/9090	9860/11000	13330/14700
Coupling	Tube coupling(mm)		φ16	φ16	φ16	φ22	φ22
	Suction coupling(mm)		φ28	φ35	φ42	φ42	φ54
Overall dimension	Lenght (A) mm		1350	1500	1500	1600	1800
	Width (B) mm		830	830	830	880	880
	Height (H) mm		1100	1100	1250	1450	1550
Installation dimension (D*E) mm		950*790	950*790	950*790	1000*840	1000*840	

Medium and High Temperature Air-Cooled Condensing Unit Semi-hermetic Series							
Model of units		RX-FNU-03MH	RX-FNU-04MH	RX-FNU-05MH	RX-FNU-06MH	RX-FNU-07MH	
Compressor model		2DES-3	2CES-4	4FES-5	4EES-6	4DES-7	
Applicable Temperature (°C)		-5°C ~ -15 °C					
Refrigerant		R22/R404A					
Condenser	Quantity of Fan(pcs)	1	2	2	2	2	
	Power of Fan (W)	1*250	2*190	2*190	2*250	2*250	
Ref.Capacity of condensing units	Evaporating Temperature -5°C	Ref. Capacity(W)	7780/8060	9880/10250	10530/11110	13400/13960	15530/16390
		Power(W)	2880/3210	3650/4070	3830/4380	4900/5540	5630/6240
	Evaporating Temperature -15°C	Ref. Capacity(W)	5090/5350	6500/6870	6810/7370	8700/9210	10140/10850
		Power(W)	2450/2690	3120/3440	3250/3760	4140/4700	4790/5470
Coupling	Tube coupling(mm)	φ12	φ12	φ12	φ12	φ12	
	Suction coupling(mm)	φ22	φ22	φ22	φ28	φ28	
Overall dimension	Lenght (A) mm	850	1130	1130	1250	1250	
	Width (B) mm	730	730	730	730	730	
	Height (H) mm	950	950	1050	1150	1000	
Installation dimension (D*E) mm		600*690	830*690	830*690	900*690	900*690	

Standard configuration for condensing units:compressor, air cooled condenser, oil separator, suction accumulator, gauges, connection box.for low temperature only), filter drier, sight glass, vibration absorber, pressure controller, solenoid valve, pressure

.Workable for adding and reducing the configuration according to customers requirement . Note: .The ref.capacity and power is based on the ambient temperature at °C

Medium and low temperature Air-Cooled Condensing Unit Semi-hermetic Series						
Model of units		RX-FNU-14ML	RX-FNU-18ML	RX-FNU-23ML	RX-FNU-28ML	RX-FNU-34ML
Compressor model		4NES-14	4HE-18	4GE-23	4FE-28	6GE-34
Applicable Temperature (°C)		-20°C ~ -35 °C				
Refrigerant		R22/R404A				
Condenser	Quantity of Fan(pcs)	2	2	2	2	2

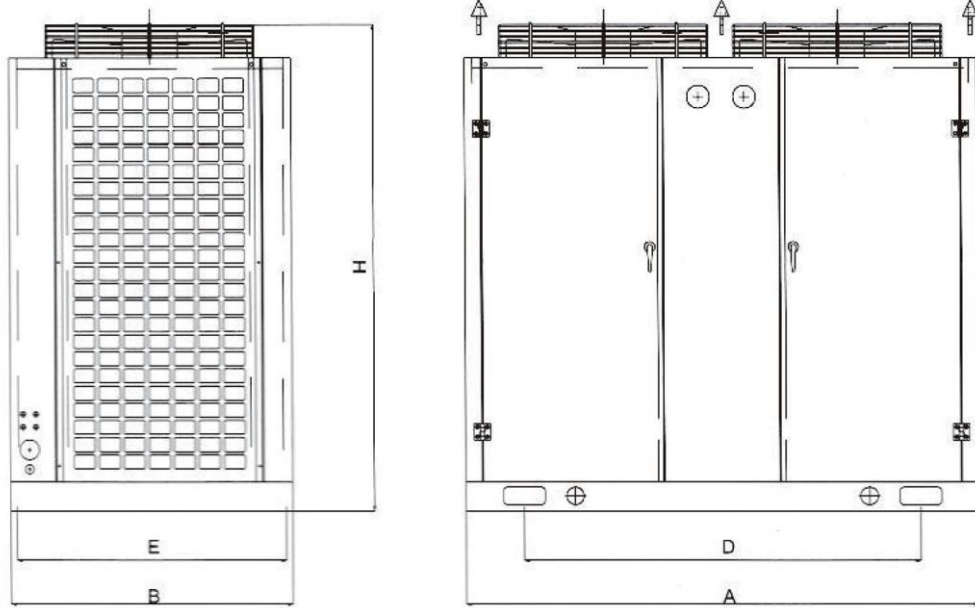


Medium and low temperature Air-Cooled Condensing Unit Semi-hermetic Series							
Model of units		RX-FNU-04ML	RX-FNU-05ML	RX-FNU-07ML	RX-FNU-09ML	RX-FNU-12ML	
Compressor model		4EES-4	4DES-5	4VES-7	4TES-9	4PES-12	
Applicable Temperature (°C)		-20°C ~ -35 °C					
Refrigerant		R22/R404A					
Condenser	Quantity of Fan(pcs)	1	1	2	2	2	
	Power of Fan (W)	1*250	1*250	2*190	2*190	2*250	
Ref.Capacity of condensing units	Evaporating Temperature -25°C	Ref. Capacity(W)	5260/5890	6180/6820	8130/8240	9960/10280	11560/11320
		Power(W)	3240/3840	3810/4410	4810/5080	5950/6350	6740/6880
	Evaporating Temperature -35°C	Ref. Capacity(W)	2800/3420	3350/3960	4250/4410	5250/5680	6080/6010
		Power(W)	2250/2800	2720/3240	3410/3480	4400/4460	4880/4640
Coupling	Tube coupling(mm)	φ12	φ12	φ12	φ16	φ16	
	Suction coupling(mm)	φ28	φ28	φ28	φ35	φ35	
Overall dimension	Lenght (A) mm	700	850	1130	1130	1250	
	Width (B) mm	650	730	730	730	730	
	Height (H) mm	950	950	950	1050	1000	
Installation dimension (D*E) mm		450*610	600*690	830*690	830*690	900*690	
Power of Fan(W)		2*420	2*420	2*800	2*800	2*850	
Ref.Capacity of condensing units	Evaporating Temperature -25°C	Ref. Capacity(w)	13490/13950	17170/19880	19920/23400	23800/28100	29900/35400
		Power(W)	7880/8580	10420/12000	12490/14270	14930/17130	18720/21800
	Evaporating Temperature -35°C	Ref. Capacity(w)	10200/10520	12610/15320	14670/18240	17540/21900	22000/27800
		Power(W)	6800/7240	8920/10350	10770/12330	12870/14780	16130/18900
Coupling	Tube coupling(mm)	φ16	φ22	φ22	φ22	φ22	
	Suction coupling(mm)	φ35	φ42	φ54	φ54	φ54	
Overall dimension	Lenght (A) mm	1350	1350	1500	1600	1800	
	Width (B) mm	730	830	830	880	880	
	Height (H) mm	1050	1100	1250	1450	1550	
Installation dimension (D*E) mm		950*690	950*790	950*790	1000*840	1000*840	

Standard configuration for condensing units: compressor, air cooled condenser, oil separator, suction accumulator, gauges, connection box. for low temperature only), filter drier, sight glass, vibration absorber, pressure controller, solenoid valve, pressure

.Workable for adding and reducing the configuration according to customers requirement .  
 Note: The ref.capacity and power is based on the ambient temperature at °C

Tech.data for Box U type condensing units



## Box H type condensing units



Bigger inner space available to fit with both hermetic and semi-hermetic compressores;  
Recommended horse power starts from hp to hp;

The whole box is much bigger and stronger comparing with small boxes;

- Customization available.

Namingrules:

**RX-FNH-MH(L)**

RX: Brand RX

FNL:Type of air-cooled condenser:H type

:Nominal horse power HP

MH:Mid and high temperature

ML:Mid and low temperature

Model	Heat exchange capacity (kW)	Fan				Inlet pipe/Outlet pipe(mm)		Overall dimension(mm)	Installation dimension(mm)	
		Power (W)	Diameter (mm)	Air volume (m <sup>3</sup> /h)	Voltage (V)	Outlet tube (mm)	Inlet tube (mm)	A*B*H	D	E
FNHX-28	9.2	1*190	φ400	1*3500	380	φ16	φ19	800*660*930	600	600
FNHX-35	11.5	1*250	φ450	1*5050	380	φ16	φ19	950*710*930	750	650
FNHX-45	14.8	2*190	φ400	2*3500	380	φ16	φ19	1000*660*1020	750	600
FNHX-60	19.2	2*190	φ400	2*3500	380	φ16	φ22	1050*750*1270	750	710
FNHX-80	25.6	2*250	φ450	2*5050	380	φ16	φ22	1150*750*1420	850	710
FNHX-90	28.2	2*250	φ450	2*5050	380	φ19	φ25	1250*750*1420	900	710
FNHX-100	32.1	2*420	φ500	2*6500	380	φ19	φ25	1400*750*1420	950	710
FNHX-120	37.2	2*420	φ500	2*6500	380	φ19	φ25	1250*750*1420	900	710
FNHX-130	40.3	2*420	φ500	2*6500	380	φ19	φ25	1250*750*1520	900	710
FNHX-140	43.4	2*550	φ550	2*7500	380	φ19	φ25	1400*750*1520	950	710
FNHX-150	46.5	2*550	φ550	2*7500	380	φ19	φ25	1400*750*1620	950	710
FNHX-160	49.6	2*800	φ600	2*9500	380	φ22	φ28	1550*750*1520	1100	710
FNHX-180	55.8	2*850	φ630	2*10800	380	φ22	φ32	1700*750*1520	1100	710
FNHX-200	62.0	2*850	φ630	2*10800	380	φ25	φ32	1900*750*1520	1100	710
FNHX-220	68.2	3*800	φ600	2*9500	380	φ22	φ32	2200*850*1420	1100	810
FNHX-240	74.4	3*800	φ600	3*9500	380	φ22	φ32	2200*850*1520	1100	810
FNHX-260	80.6	3*800	φ600	3*9500	380	φ25	φ38	2200*850*1620	1100	810
FNHX-280	86.8	3*850	φ630	3*10800	380	φ25	φ38	2350*850*1620	1100	810
FNHX-300	93.0	4*800	φ600	4*9500	380	φ25	φ38	2910*850*1520	1100	810
FNHX-320	99.0	4*800	φ600	4*9500	380	φ25	φ38	2910*850*1520	1100	810

Standard configuration for condensing units: compressor, air cooled condenser, oil separator, suction accumulator (gauges, connection box for low temperature only), filter drier, sight glass, vibration absorber, pressure controller, solenoid valve, pressure

Note: The ref.capacity and power is based on the ambient temperature at °C. Workable for adding and reducing the configuration according to customers requirement .

Refcomp Medium and High Temperature Air-Cooled Condensing Unit Semi-hermetic Series							
Model of units		RX-FNH-05MH	RX-FNH-08MH	RX-FNH-12MH	RX-FNH-15MH	RX-FNH-20MH	
Compressor model		SPC4-19H	SPC4-27H	SP4HF-1200/ SP4HF-120E	SP4HF-1500/ SP4HF-150E	SP4HF-2000/ SP4HF-200E	
Applicable Temperature (°C)		-5°C ~ -15°C					
Refrigerant		R22 / R404A					
Condenser	Quantity of Fan(pcs)	2	2	2	2	2	
	Power of Fan (W)	2*190	2*250	2*550	2*800	2*580	
Ref.Capacity of condensing units	Evaporating Temperature -5°C	Ref. Capacity(W)	12600/12800	18600/18900	26600/26200	31000/30600	35400/34900
		Power(W)	3900/4500	5500/6600	8500/10300	10000/12000	11400/13700
	Evaporating Temperature -15°C	Ref. Capacity(W)	8200/8300	12100/12200	16800/16900	19600/19700	22400/22500
		Power(W)	3400/3800	4800/5700	7000/8800	8200/10300	9300/11700
Coupling	Tube coupling(mm)	12	12	16	16	22	
	Suction coupling(mm)	28	28	35	42	42	
Overall dimension	Lenght(A) mm	1050	1150	1400	1550	1900	
	Width(B) mm	750	750	750	750	750	
	Height(H) mm	1270	1420	1520	1520	1520	
Installation dimension (D*E) mm		750*710	850*710	950*710	1100*710	1100*710	
Refcomp Medium and low temperature Air-Cooled Condensing Unit Semi-hermetic Series							
Model of units		RX-FNH-05ML	RX-FNH-08ML	RX-FNH-10ML	RX-FNH-12ML	RX-FNH-15ML	
Compressor model		SPC4-19L	SPC4-27L	SP4LF-1000/ SP4LF-100E	SP4LF-1200/ SP4LF-120E	SP4L-1500/ SP4L-150E	
Applicable Temperature (°C)		-20°C ~ -35°C					
Refrigerant		R22 / R404A					
Condenser	Quantity of Fan(pcs)	2	2	2	2	2	
	Power of Fan (W)	2*190	2*190	2*250	2*420	2*420	
Ref.Capacity of condensing units	Evaporating Temperature -25°C	Ref. Capacity(W)	4300/5100	7300/7200	11800/11700	13400/13400	14000/15500
		Power(W)	2400/3200	4000/4500	6900/8100	7900/9200	9000/10700
	Evaporating Temperature -30°C	Ref. Capacity(W)	3600/3900	6000/6200	8600/8700	9800/9900	10400/11500
		Power(W)	2000/2800	3500/3800	5900/7000	6700/8000	7600/9200
Coupling	Tube coupling(mm)	12	12	16	16	16	

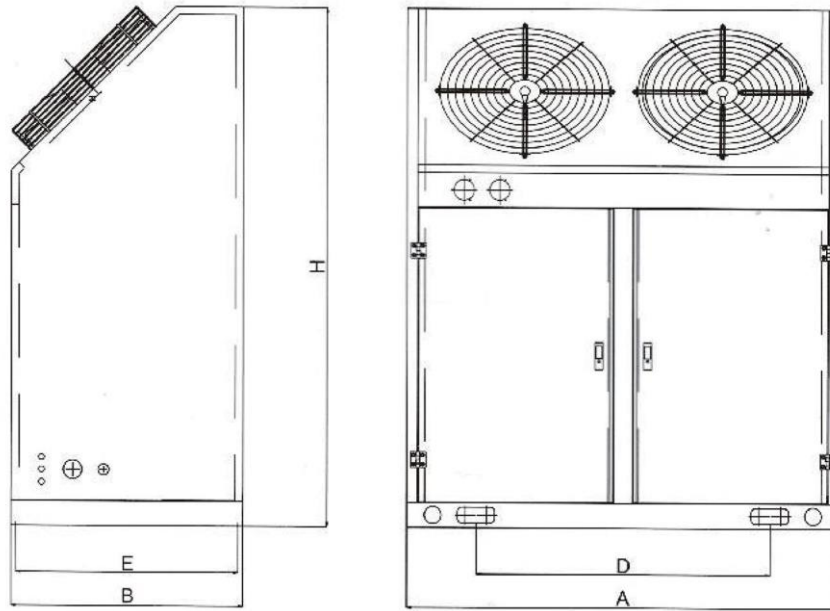
	Suction coupling(mm)	28	35	35	35	42	
Overall dimension	Lenght(A) mm	1000	1050	1150	1400	1250	
	Width(B) mm	660	750	750	750	750	
	Height(H) mm	1020	1270	1420	1420	1420	
Installation dimension (D*E) mm		750*600	750*710	850*710	950*710	900*710	
Refcomp Medium and low temperature Air-Cooled Condensing Unit Semi-hermetic Series							
Model of units		RX-FNH-18ML	RX-FNH-22ML	RX-FNH-25ML	RX-FNH-30ML	RX-FNH-40ML	
Compressor model		SP4L-1800/ SP4L-180E	SP4L-2200/ SP4L-220E	SP4L-2500/ SP4L-250E	SP6L-3000/ SP6L-300E	SP6L-4000/ SP6L-400E	
Applicable Temperature (°C)		-20°C ~ -35°C					
Refrigerant		R22 / R404A					
Condenser	Quantity of Fan(pcs)	2	2	2	3	3	
	Power of Fan (W)	2*550	2*800	2*850	3*800	3*850	
Ref.Capacity of condensing units	Evaporating Temperature -25°C	Ref. Capacity(W)	16300/18000	18700/20600	22300/24800	28100/31000	33600/37200
		Power(W)	10400/12400	11900/14200	14300/17100	18000/21300	21500/25600
	Evaporating Temperature -30°C	Ref. Capacity(W)	12100/13300	13900/15300	16600/18400	20900/22900	24900/27600
		Power(W)	8800/10700	10100/12200	12100/14700	15200/18400	18100/22000
Coupling	Tube coupling(mm)	22	22	22	22	22	
	Suction coupling(mm)	42	54	54	54	54	
Overall dimension	Lenght (A) mm	1400	1550	1900	2200	2910	
	Width(B) mm	750	750	750	850	850	
	Height(H) mm	1620	1520	1520	1520	1520	
Installation dimension (D*E) mm		950*710	1100*710	1100*710	1100*810	1100*810	

Standard configuration for condensing units:compressor, air cooled condenser, oil separator, suction accumulator, gauges, connection box.for

low temperature only), filter drier, sight glass, vibration absorber, pressure controller, solenoid valve, pressure Note:..The ref.capacity and power

is based on the ambient temperat ure at °C.Workable for adding and reducing the configuration according to customers requirement .

Over and installation dimensions diagram





## Box V type condensing units(left and right whole)

With thicker casing and U channel steel as base, the whole box is the strongest;

With less vibration;

- Mainly work for semi-hermetic compressors including Bitzer, Frascold, Dorin, RefComp, etc;

Recommended horse power starts from hp up to hp;

- Customization available.



### Naming rules:

**RX-FNH-MH(L)**

RX: Brand RX

FNL:Type of air-cooled condenser:V type

:Nominal horse power HP

MH:Mid and high temperature

ML:Mid and low temperature

Model	exchange capacity (kW)	Fan				Outlet pipe(mm)		Overa dimension(mm)	nsta ation dimension(mm)	
		Power (w)	Diameter (mm)	Air volume (m3/h)	Vlotage (v)	nlet tube (mm)	Back trachea (mm)	A*B*H	D	E
FNV-100	31.0	2*230	2*450	10000	380	25	19	2110*880*920	1710	830
FNV-120	37.2	2*320	2*500	13200 (6 stage 7 blades)	380	28	22	2310*880*940	1910	830
FNV-130	40.3	2*320	2*500	13200 (6 stage 7 blades)	380	28	22	2410*880*940	2010	830
FNV-140	43.4	2*320	2*500	13200 (6 stage 7 blades)	380	28	22	2510*880*940	2110	830
FNV-160	49.6	2*350	2*550	16000 (6 stage 7 blades)	380	32 (35)	22	2760*880*940	2360	830
FNV-180	55.8	2*580	2*630	22800 (6 stage 7 blades)	380	32 (35)	22	2510*1070*1140	2110	1020
FNV-200	62.0	2*580	2*630	22800 (6 stage 7 blades)	380	35	25	2710*1070*1140	2310	1020
FNV-220	68.2	2*580	2*630	22800 (6 stage 7 blades)	380	35	25	2860*1070*1140	2460	1020
FNV-250	77.5	3*350	3*550	24000 (6 stage 7 blades)	380	35	25	3210*1070*1140	2810	1020
FNV-285	88.3	3*580	3*630	34200 (6 stage 7 blades)	380	35	25	3510*1070*1140	2710	1020
FNV-300	93.0	3*580	3*630	34200 (6 stage 7 blades)	380	35	25	3660*1070*1140	2860	1020
FNV-320	98.0	3*550	3*630	31200 (6 stage 7 blades)	380	35	25	3250*1120*1140	2850	1055
FNV-340	105.0	3*580	3*630	34200 (6 stage 7 blades)	380	35	25	3370*1120*1140	2570	1055
FNV-380	113.0	3*580	3*630	34200 (6 stage 7 blades)	380	42	28	3610*1120*1140	2810	1055
FNV-430	129.0	4*550	4*600	41600 (6 stage 7 blades)	380	42	28	3930*1120*1140	3130	1055

Standard configuration for condensing units:compressor, air cooled condenser, oil separator, suction accumulator, gauges, connection box for

low temperature only), filter drier, sight glass, vibration absorber, pressure controller, solenoid valve, pressure .Workable for adding and

reducing the configuration according to customers requirement . **Note:** .The ref.capacity and power is based on the ambient temperature at °C

Medium and High Temperature Air-Cooled Condensing Unit Semi-hermetic Series								
Model of units		RX-FNV-10MH	RX-FNV-12MH	RX-FNV-15MH	RX-FNV-20MH	RX-FNV-25MH	RX-FNV-30MH	
Compressor model		4VES-10	4TES-12	4PES-15	4NES-20	4HE-25	4GE-30	
Applicable Temperature °C		-5°C ~ -15°C						
Refrigerant		R22 / R404A						
Condenser	Quantity of Fan(pcs)		2	2	2	2	3	3
	Power of Fan (w)		2*320	2*320	2*350	3*580	3*350	3*580
Ref.Capacity of condensing units	Evaporating Temperature -5°C	Ref. Capacity(w)	21300/21300	25700/25800	29400/29400	34800/35200	46400/46500	53800/53300
		Power(w)	7210/8010	8830/9860	10050/11170	11810/13320	15860/17590	18280/20300
	Evaporating Temperature -15°C	Ref. Capacity(w)	13620/13730	16580/16780	18730/18830	22300/22900	30000/30800	35000/35500
		Power(w)	6020/6580	7390/8130	8320/9090	9860/11000	13300/14700	15400/16990
Coupling	Tube coupling (mm)		16	16	16	19	22	22
	Suction coupling (mm)		28	35	42	42	54	54
Overall dimension	Lenght(A) mm		2310	2410	2760	2710	3210	3660
	Width (B) mm		880	880	880	1070	1070	1070
	Height (H) mm		940	940	940	1140	1140	1140
Installation dimension (D*E) mm			1910*830	2010*830	2360*830	2310*1020	2810*1020	2860*1020

Standard configuration for condensing units:compressor, air cooled condenser, oil separator, suction accumulator, gauges, connection

box.for low temperature only), filter drier, sight glass, vibration absorber, pressure controller, solenoid valve, pressure Note:..The

ref.capacity and power is based on the ambient temperature at °C. Workable for adding and reducing the configuration according to

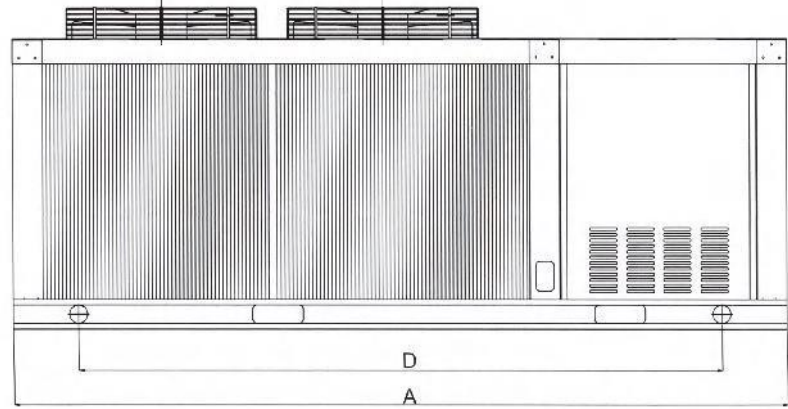
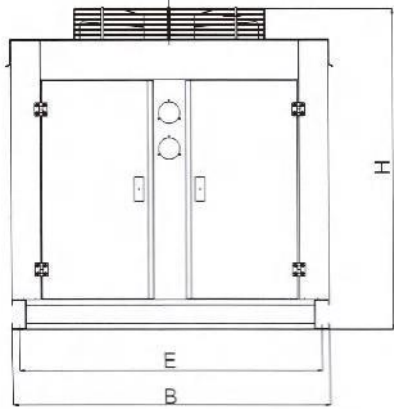
customers requirement .

Low temperature Air-Cooled Condensing Unit Semi-hermetic Series							
Model of units		RX-FNV-14ML	RX-FNV-18ML	RX-FNV-23ML	RX-FNV-28ML	RX-FNV-34ML	
Compressor model		4NES-14	4HE-18	4GE-23	6HE-28	6GE-34	
Applicable Temperature (°C)		-20°C ~ -35°C					
Refrigerant		R22 / R404A					
Condenser	Quantity of Fan (pcs)	2	2	2	2	3	
	Power of Fan (w)	2*320	2*320	2*350	2*580	3*350	
Ref.Capacity of condensing units	Evaporating Temperature -25°C	Ref. Capacity (w)	13490/13950	17170/19880	19920/23400	25800/29300	29900/35400
		Power (w)	7880/8580	10420/12000	12490/14270	15610/17690	18720/21800
	Evaporating Temperature -30°C	Ref. Capacity (w)	10020/10520	12610/15320	14670/18240	18920/22600	22000/27800
		Power (w)	6800/7240	8920/10350	10770/12330	13370/15200	16130/18950
Coupling	Tube coupling (mm)	16	16	22	22	22	
	Suction coupling (mm)	35	42	54	54	54	
Overall dimension	Lenght (A) mm	2110	2310	2760	2710	3210	
	Width(B) mm	880	880	880	1070	1070	
	Height (H) mm	920	940	940	1140	1140	
Installation dimension (D*E) mm		1710*830	1910*830	2360*830	2310/1020	2810/1020	

Standard configuration for condensing units: compressor, air cooled condenser, oil separator, suction accumulator, gauges, connection box. for low temperature only), filter drier, sight glass, vibration absorber, pressure controller, solenoid valve, pressure

.Workable for adding and reducing the configuration according to customers requirement . Note: .The ref.capacity and power is based on the ambient temperature at °C

Over and installation dimensions diagram



## Box V type condensing units (up and down whole)



- With thicker casing and U channel steel as base, the whole box is the strongest;
- With less vibration;
- Mainly work for semi-hermetic compressors including Bitzer, Frascold, Dorin, RefComp, etc; Recommended horse power starts from hp up to hp;
- Customization available.

### Naming rules:

**RX-FNH-MH(L)**

RX: Brand RX

FNL:Type of air-cooled condenser:V type

:Nominal horse power HP

MH:Mid and high temperature

ML:Mid and low temperature

Model	Heat exchange capacity (kW)	Fan				Inlet pipe/Outlet pipe (mm)		Overall dimension (mm)	Installation dimension (mm)	
		Power (W)	Diameter (mm)	Air volume (m³/h)	Voltage (V)	Outlet tube (mm)	Inlet tube (mm)	A*B*H	D	E
FNVS-100	31.0	2*420	500	2*6500	380	19	28	1360*950*1750	956	908
FNVS-120	34.2	2*420	500	2*6500	380	19	28	1580*950*1750	1176	908
FNVS-140	38.6	2*550	550	2*7500	380	19	28	1800*950*1750	1396	908
FNVS-160	48.1	2*550	550	2*7500	380	22	32	1620*990*1900	1316	944
FNVS-180	55.8	2*800	600	2*9500	380	22	32	1800*990*1900	1496	944
FNVS-200	61.6	2*800	600	2*9500	380	22	32	1960*990*1900	1656	944
FNVS-220	67.4	3*550	550	3*7500	380	22	32	2120*990*1900	1816	944
FNVS-240	73.9	3*550	550	3*7500	380	22	32	2390*990*1900	2086	944
FNVS-265	81.5	3*550	550	3*7500	380	25	35	2540*990*1900	2236	944
FNVS-280	86.2	3*800	600	3*9500	380	25	35	2660*990*1900	2356	944
FNVS-300	92.4	3*800	600	3*9500	380	25	35	2840*990*1900	2536	944
FNVS-350	108.7	3*850	630	3*10800	380	32	42	2560*1090*1900	2256	1044
FNVS-400	123.7	4*800	600	4*9500	380	32	42	3710*990*1900	3406	944
FNVS-450	138.7	4*850	630	4*10800	380	32	42	3190*1090*1900	2886	1044
FNVS-500	155.0	5*800	600	5*9500	380	35	54	3700*1090*1900	3396	1044
Medium and High Temperature Air-Cooled Condensing Unit Semi-hermetic Series										
Model of units		RXB-FNV-10MH	RXB-FNV-12MH	RXB-FNV-15MH	RXB-FNV-20MH	RXB-FNV-25MH				
Compressor model		4VES-10	4TES-12	4PES-15	4NES-20	4HE-25				
Applicable Temperature °C		-5°C ~ -15°C								
Refrigerant		R22 / R404A								
Condenser	Quantity of Fan(pcs)		2	2	2	2	3			
	Power of Fan(W)		2*420	2*550	2*800	3*550	3*550			
Ref.Capacity of condensing units	Evaporating Temperature <sup>e</sup> -5°C	Ref. Capacity(W)	21300/21300	25700/25800	29400/29400	34800/35200	46400/46500			
		Power(W)	7210/8010	8830/9860	10050/11170	11810/13320	15860/17590			
	Evaporating Temperature <sup>e</sup> -15°C	Ref. Capacity(W)	13620/13730	16580/16780	18730/18830	22300/22900	30000/30800			
		Power(W)	6020/6580	7390/8130	8320/9090	9860/11000	13330/14700			
Coupling	Tube coupling(mm)		16	16	19	19	22			
	Suction coupling(mm)		28	35	42	42	54			
Lenght(A) mm		1580	1800	1800	2120	2540				



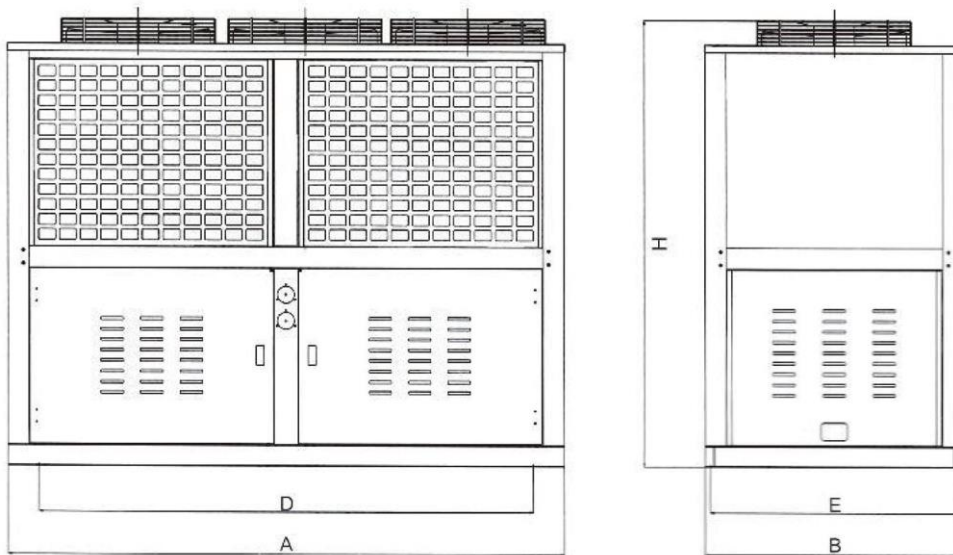
Overall dimension	Width (B) mm	950	950	990	990	990
	Height (H) mm	1750	1750	1900	1900	1900
Installation dimension (D*E) mm		1176*908	1396*908	1496*944	1816*944	2236*944



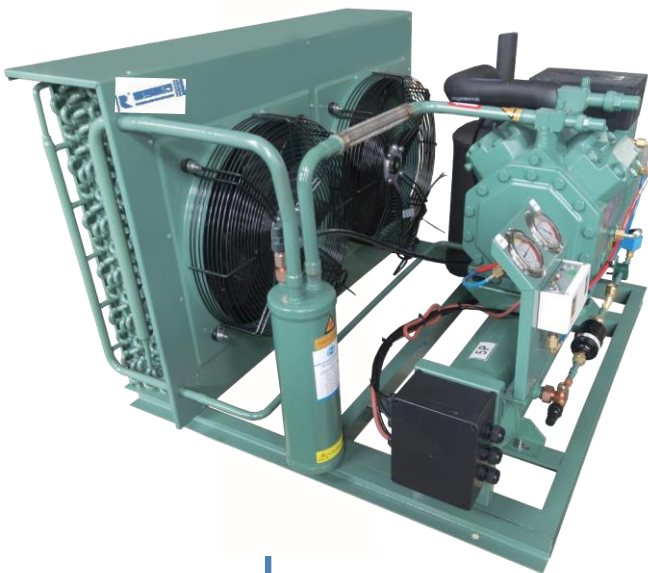
Medium and High Temperature Air-Cooled Condensing Unit Semi-hermetic Series							
Model of units		RXB-FNV-30MH	RXB-FNV-33MH	RXB-FNV-35MH	RXB-FNV-40MH	RXB-FNV-50MH	
Compressor model		4GE-30	6JE-33	6HE-35	6GE-40	6FE-50	
Applicable Temperature °C		-5°C ~ -15°C					
Refrigerant		R22 / R404A					
Condenser	Quantity of Fan(pcs)	3	3	3	4	5	
	Power of Fan(W)	3*850	3*800	3*850	4*850	5*800	
Ref.Capacity of condensing units	Evaporating Temperature -5°C	Ref. Capacity(W)	53800/53300	58800/58600	69600/68300	79800/77600	96200/94500
		Power(W)	18280/20300	20000/21700	23900/26100	27400/30300	33300/37500
	Evaporating Temperature -15°C	Ref. Capacity(W)	35000/35500	37700/38300	45000/45300	51700/51900	62500/63600
		Power(W)	15440/16990	16710/18190	20000/22000	23100/25600	28200/31500
Coupling	Tube coupling(mm)	22	22	22	22	22	
	Suction coupling(mm)	54	54	54	54	54	
Overall dimension	Lenght(A) mm	2560	2840	2560	3710	3700	
	Width (B) mm	1090	990	1090	990	1090	
	Height (H) mm	1900	1900	1900	1900	1900	
Installation dimension (D*E) mm		2256*1044	2536*949	2256*1044	3046/944	3396/1044	
Medium and low temperature Air-Cooled Condensing Unit Semi-hermetic Series							
Model of units		RXB-FNV-14ML	RXB-FNV-18ML	RXB-FNV-23ML	RXB-FNV-28ML	RXB-FNV-40ML	
Compressor model		4NES-14	4HE-18	4GE-23	6HE-28	6FE-44	
Applicable Temperature °C		-20°C ~ -35°C					
Refrigerant		R22 / R404A					
Condenser	Quantity of Fan(pcs)	2	2	2	2	4	
	Power of Fan(W)	2*420	2*550	2*550	2*800	4*630	
Ref.Capacity of condensing units	Evaporating Temperature -25°C	Ref. Capacity(W)	13490/13950	17170/19880	19920/23400	25800/29300	29900/35400
		Power(W)	7880/8580	10420/12000	12490/14270	15610/17690	18720/21800
	Evaporating Temperature -30°C	Ref. Capacity(W)	10020/10520	12610/15320	14670/18240	18920/22600	22000/27800
		Power(W)	6800/7240	8920/10350	10770/12330	13370/15200	16130/18950
Coupling	Tube coupling(mm)	19	19	22	22	32	
	Suction coupling(mm)	35	42	54	54	42	
Overall dimension	Lenght (A) mm	1360	1800	1620	1960	3706	
	Width (B) mm	950	950	990	990	984	
	Height (H) mm	1750	1750	1900	1900	1750	
Installation dimension (D*E) mm		956*908	1396*908	1316*944	1656*944	3386*934	

Standard configuration for condensing units: compressor, air cooled condenser, oil separator, suction accumulator (gauges, connection box for low temperature only), filter drier, sight glass, vibration absorber, pressure controller, solenoid valve, pressure

Note: Workable for adding and reducing the configuration according to customers requirement . The ref.capacity and power is based on the ambient temperature at °C



## Bitzer open type condensing units



With U channel steel as base, makes sure strong supporting for the whole unit;

Fitted with original Bitzer compressor and all main configurations brand in Danfoss;

- Easier to install and test ;
- Customization available.

Model code:

**RX-BZ-H(L)**

RX: Brand RX

BZ: Bitzer

: Nominal horse power HP

H: Mid and high temperature

L: Mid and low temperature

Open Type Bitzer Medium And High Temperature Air-Cooled Condensing Unit											
Model of units		RX-BZ-003H	RX-BZ-004H	RX-BZ-005H	RX-BZ-006H	RX-BZ-007H	RX-BZ-010H	RX-BZ-012H	RX-BZ-015H	RX-BZ-020H	
Compressor model		2DES-3Y	2CES-4Y	4FES-5Y	4FES-6Y	4DES-7Y	4VES-10Y	4TES-12Y	4PES-15Y	4NES-20Y	
Applicable Temperature (°C)		-5 °C ~ -15 °C									
Refrigerant		R404									
Condenser	Quantity of Fan(pcs)	2	2	2	4	4	4	4	4	4	
	Power of Fan (w)	2*190	2*190	2*190	4*135	4*190	4*190	4*190	4*250	4*420	
Ref.Capacity of condensing units	Evaporating Temperature -5°C	Ref. Capacity (w)	8300	10250	11110	13960	16890	21300	25800	29400	35200
		Power (w)	3310	4070	4380	5540	6620	8010	9860	11170	13320
	Evaporating Temperature -15°C	Ref. Capacity (w)	5520	6870	7370	9210	11190	13730	6780	18830	22900
		Power (w)	2780	3440	3760	4700	5690	6580	8130	9090	11000
Coupling	Tube coupling (mm)	12	12	12	16	16	16	16	16	22	
	Suction coupling(mm)	22	22	22	28	28	28	35	42	42	
Overall dimension	Lenght (A) mm	1000	1000	1010	1170	1170	1170	1200	1340	1560	
	Width(B) mm	820	820	820	900	900	900	900	900	900	
	Height (H) mm	590	590	690	1020	1120	1120	1320	1320	1420	
Installation dimension (D*E) mm		644*786	644*786	644*786	800*860	800*860	800*860	830*860	990*860	1170*860	
Open Type Bitzer Medium And low Temperature Air-Cooled Condensing Unit											
Model of units		RX-BZ-003L	RX-BZ-004L	RX-BZ-005L	RX-BZ-007L	RX-BZ-009L	RX-BZ-012L	RX-BZ-014L	RX-BZ-018L	RX-BZ-023L	
Compressor model		4FES-3Y	4EES-4Y	4DES-5Y	4VES-7Y	4TES-9Y	4PES-12Y	4NES-14Y	4HE-18Y	4GE-23Y	
Applicable Temperature (°C)		-20°C ~ -35°C									
Refrigerant		R404A									
Condenser	Quantity of Fan(pcs)	2	2	2	2	4	4	4	4	4	
	Power of Fan (w)	2*135	2*190	2*190	2*190	4*135	4*190	4*190	4*190	4*250	
Ref.Capacity of condensing units	Evaporating Temperature -25°C	Ref. Capacity (w)	4640	5890	7030	8240	10280	11320	13950	19880	23400
		Power (w)	3060	3840	4550	5080	6350	6880	8580	12000	14270
	Evaporating Temperature -30°C	Ref. Capacity (w)	3590	4540	5420	6140	7760	8410	10520	15320	15320
		Power (w)	2660	3320	3940	4260	5380	5740	7240	10350	10350
Coupling	Tube coupling (mm)	12	12	12	16	16	16	16	16	22	
	Suction coupling (mm)	22	28	28	28	35	35	35	42	54	
Overall dimension	Lenght (A) mm	940	1000	1000	1010	1170	1170	1170	1200	1340	
	Width(B) mm	820	820	820	820	900	900	900	900	900	
	Height (H) mm	540	590	590	690	1020	1120	1120	1320	1420	
Installation dimension (D* ) mm		590*786	644*786	644*786	644*786	800*860	800*860	800/860	830*860	950*860	

Standard configuration for condensing units:compressor, air cooled condenser, oil separator, suction accumulator, (guages, connection box.for low temperature only), filter drier, sight glass, vibration absorber, pressure controller, solenoid valve, pressure

.Workable for adding and reducing the configuration according to customers requirement .<sup>Note:</sup> The ref.capacity and power is based on the ambient temperature at °C