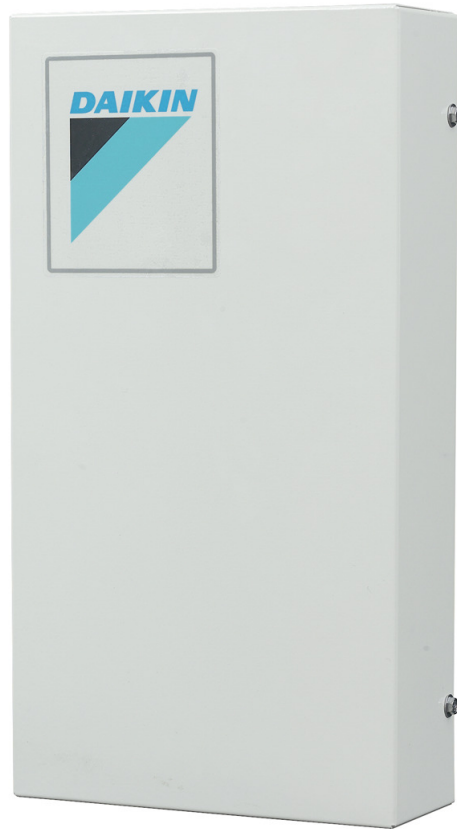


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- The ERX system provides optimized air conditions such as fresh air and humidity control etc and can be used in small warehouses, showrooms and offices.
- Wide range of Daikin units offers maximum application potential plus flexible control options.
- Control box and expansion valve kit are required for each combination plus an air handling unit.
- Both options are designed for indoor and outdoor installation and can be wall mounted.

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2 Specifications

2-1 TECHNICAL SPECIFICATIONS				EKEXV50	EKEXV63	EKEXV80	EKEXV100	EKEXV125	EKEXV140	EKEXV200	EKEXV250	
Casing	Colour		Ivory White									
	Material		Metal									
Dimensions	Unit	Height	mm	401	401	401	401	401	401	401	401	
		Width	mm	215	215	215	215	215	215	215	215	
		Depth	mm	78	78	78	78	78	78	78	78	
	Packing	Height	mm	457	457	457	457	457	457	457	457	
		Width	mm	270	270	270	270	270	270	270	270	
		Depth	mm	120	120	120	120	120	120	120	120	
Weight	Unit		kg	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	
	Packed Unit		kg	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	
Packing	Material		Carton									
	Weight		kg	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	
	Material		EPS									
	Weight		kg	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	
Operation Range	Cooling	Min	×CDB	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	
		Max	×CDB	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	
Sound Level (nominal)	Sound pressure		dBA	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	
Piping connections	Liquid (OD)	Type	Braze connection									
		Diameter (OD)	mm	6.35	9.52	9.52	9.52	9.52	9.52	9.52	9.52	
	Piping Length	Minimum	m	see manual, depend on the outdoor unit								
		Maximum	m	see manual, depend on the outdoor unit								
		Equivalent	m	see manual, depend on the outdoor unit								
		Chargeless	m	see manual, depend on the outdoor unit								
	Installation height difference	Maximum	m	see manual, depend on the outdoor unit								
	Max. internunit level difference			m	see manual, depend on the outdoor unit							
Heat Insulation		Both inlet and outlet										
Notes				The sound pressure value is the maximum value measured at 10cm from the motor.								

3 Capacity tables

3 - 1 Combination table

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EKEXMCB-EKEXV

Combination table

Outdoor unit			Control box								Existing options	
			EKEXMCB3	EKEXV50	EKEXV63	EKEXV80	EKEXV100	EKEXV125	EKEXV140	EKEXV200		EKEXV250
SystemB (C/O)	3ph	5hp RXQ6P7W1B	n	n	n	n	n	n	n	n	n	See outdoor unit but no connection to D III net is allowed
		8hp RXQ8P7W1B	n	n	n	n	n	n	n	n	n	
		10hp RXQ10P7W1B	n	n	n	n	n	n	n	n	n	
		12hp RXQ12P7W1B	n	n	n	n	n	n	n	n	n	
		14hp RXQ14P7W1B(A)	n	n	n	n	n	n	n	n	n	
		16hp RXQ16P7W1B(A)	n	n	n	n	n	n	n	n	n	
		18hp RXQ18P7W1B(A)	n	n	n	n	n	n	n	n	n	

n: Qty determined by connection ratio or maximum number of indoor units
(in combination with VRV-outdoor, the EKEXV-kit is considered as one of the indoor units).

3TW28089-2B

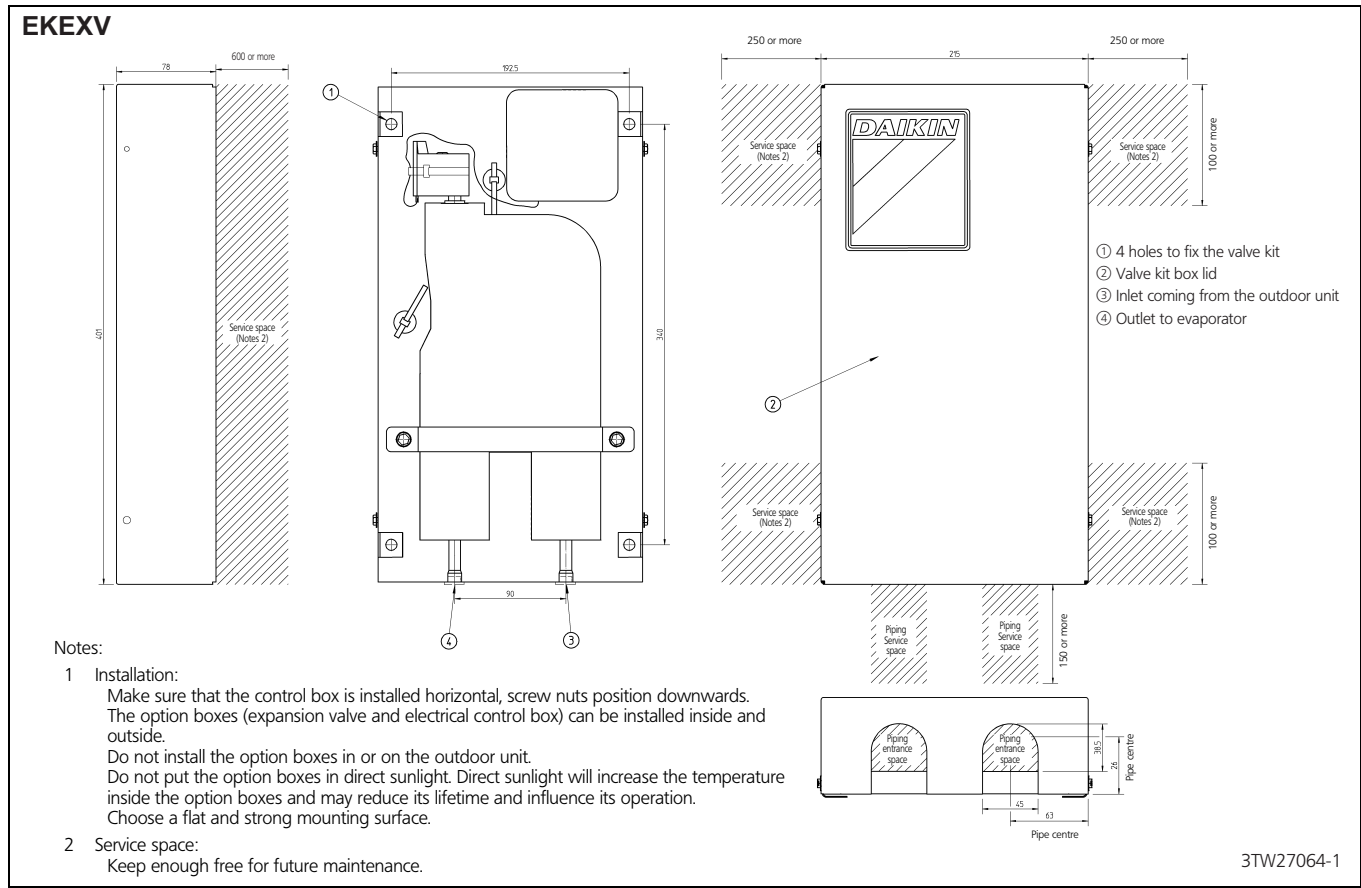
Class	Outdoor	Control box		Valve kit						
		EKEXDCBAV3	EKEXFCBAV3	EKEXV63	EKEXV80	EKEXV100	EKEXV125	EKEXV140	EKEXV200	EKEXV250
100	ERX100A8V3B	P	P	P	P	P	P	-	-	-
125	ERX125A8V3B	P	P	P	P	P	P	P	-	-
140	ERX140A8V3B	P	P	-	P	P	P	P	-	-
125	ERX125A7W1B	-	-	P	P	P	P	P	-	-
200	ERX200A7W1B	P	P	-	-	P	P	P	P	P
250	ERX250A7W1B	P	P	-	-	-	P	P	P	P

P: Pair: Combination depending on AHU coil volume (details see manual and capacity table)

3TW27179-1A

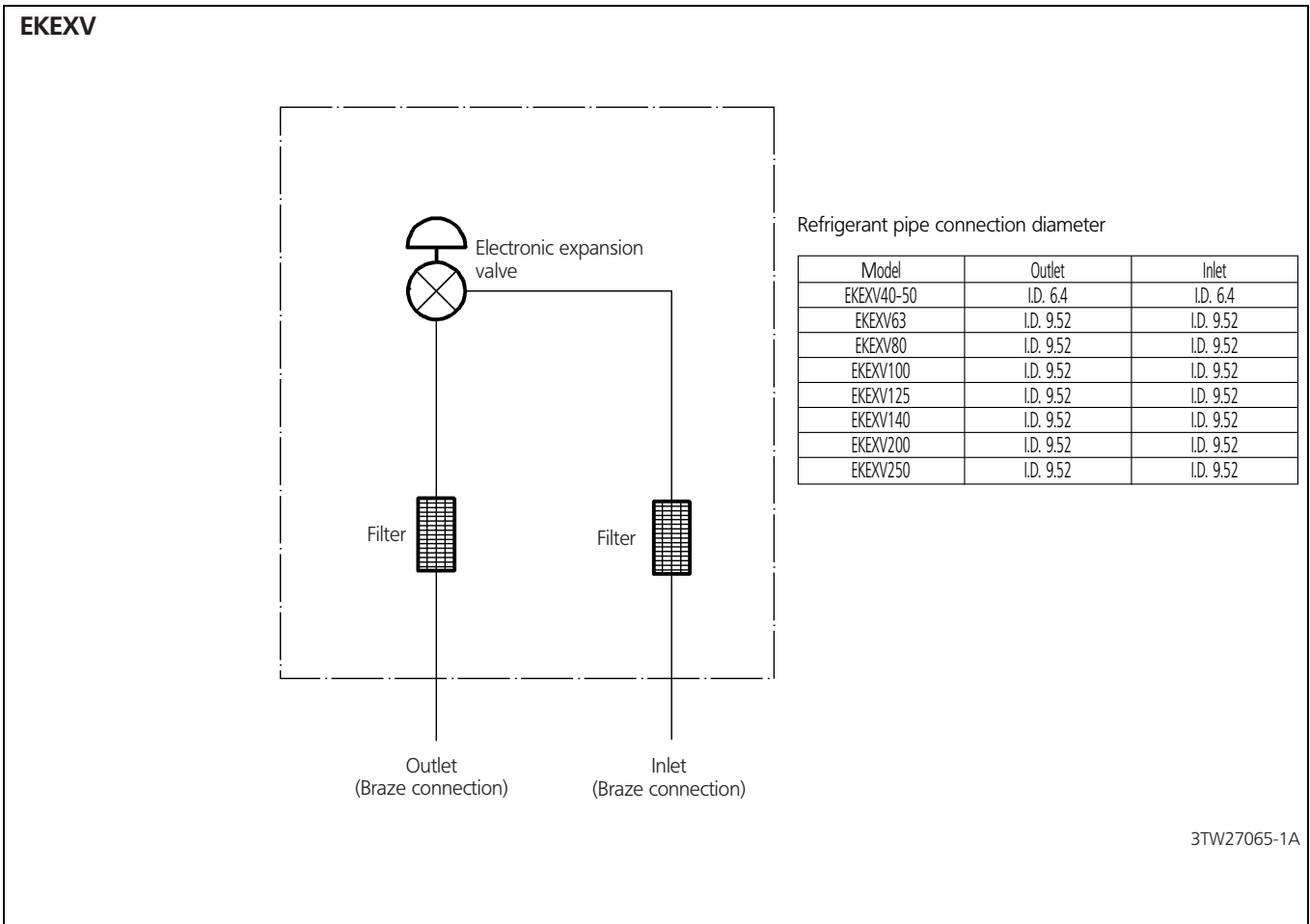
4 Dimensional drawing & centre of gravity

4 - 1 Dimensional drawing



5 Piping diagram

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6 Wiring diagram

6 - 1 External connection diagram

