



AIR CONDITIONING SOLUTIONS

Ducted Split System 38CKM / FB4CSL

Carrier 38CKM / FB4CSL ducted split system incorporates innovative technologies to deliver reliable and efficient performance.

High EER's up to 13.1 Btuh/w¹

Scroll Compressor

ECM Indoor Fan Motor

Adjustable TXV

Long Line Application up to 200ft*

High Ambient Operation up to 125°F



With non-ozone depleting refrigerant (R410-A)





Product Specifications

SYSTEM			38CKM-018X	38CKM-024X	38CKM-030X	38CKM-036X	38CKM-036X	38CKM-042X	38CKM-048X	38CKM-060X	
			FB4CSL018L0	FB4CSL024L0	FB4CSL030L0	FB4CSL036L0	FB4CSL037L0	FB4CSL042L0	FB4CSL048L0	FB4CSL060L0	
Unit Size	Cooling	TR	1.5	2.0	2.5	3.0	3.0	3.5	4.0	5.0	
Rated Capacity ¹		BTU/h	19,160	22,665	30,790	35,750	35,230	40,995	48,410	58,920	
		kW	5.6	6.6	9.0	10.5	10.3	12.0	14.2	17.3	
Rated Capacity ²		BTU/h	16,150	20,350	26,795	31,900	31,120	36,495	41,485	51,675	
		kW	4.7	6.0	7.9	9.3	9.1	10.7	12.2	15.1	
Power Supply		V-Ph-Hz	220/240-1-50								
Total System Power Input ¹	Cooling	Watts	1,462	1,804	2,376	2,784	2,780	3,208	3,808	4,656	
Total System Power Input ²		Watts	1,842	2,258	3,034	3,582	3,504	4,016	4,671	5,706	
EER ¹		Btu/W-h	13.10	12.56	12.96	12.84	12.67	12.78	12.71	12.65	
EER ²		Btu/W-h	8.77	9.01	8.83	8.91	8.88	9.09	8.88	9.06	
EER ¹		W/W	3.84	3.68	3.80	3.76	3.71	3.75	3.73	3.71	
Total System Current		A	9.2	11.4	14.8	18.7	6.4	7.0	8.1	10.1	
INDOOR UNIT			FB4CSL018L0	FB4CSL024L0	FB4CSL030L0	FB4CSL036L0	FB4CSL037L0	FB4CSL042L0	FB4CSL048L0	FB4CSL060L0	
Indoor Motor	Type	Multi-tap ECM									
Net Weight	Kg										
Net Dimensions (W x D x H)	mm	363 x 560 x 1084	363 x 560 x 1084	448 x 560 x 1260	536 x 560 x 1260	536 x 560 x 1260	536 x 560 x 1260	536 x 560 x 1260	536 x 560 x 1357	627 x 560 x 1503	
Pipe Connection Size	Liquid	inch									
	Suction	inch									
	Drain	inch									
OUTDOOR UNIT			38CKM-018X	38CKM-024X	38CKM-030X	38CKM-036X	38CKM-036X	38CKM-042X	38CKM-048X	38CKM-060X	
Power Supply	V-Ph-Hz	220/240-1-50					380/400-3-50				
Air Discharge	Type	Top	Top	Top	Top	Top	Top	Top	Top	Top	
Compressor	Type	Scroll									
Refrigerant	Type	R-410A									
Refrigerant Pipe (Max length)*	Vertical + Horizontal	mts	Refer to Long Line Application Guide								
	Vertical (OU & IU)	mts									
Recommended Wire Size/No. of wires for Power Supply to OU or IU **	mm ² / qty	Field wiring as per product electrical data, refer to Installation & Operation Manual									
Recommended Wire Size/No. of wires for Control from IU to OU **											
Dimensions (H x W x D)	mm	654 x 654 x 642	654 x 654 x 728	792 x 792 x 631	792 x 792 x 718	792 x 792 x 718	792 x 792 x 718	792 x 792 x 718	792 x 792 x 718	792 x 792 x 804	
Net Weight	Kg.	54.2	57.2	64.8	77.4	77.4	88.8	89.0	97.4		
Max Outdoor Air temperature operation	°C	125	125	125	125	125	125	125	125		

Notes:

- Rated as per conditions: Indoor Air Temperatures 26.7°C (DB) / 19.4°C (WB) and Outdoor Air Temperatures 35°C (DB) / 23.9°C (WB), in compliance with AHRI 210/240: 2008
- Rated as per conditions: Indoor Air Temperatures 29°C (DB) / 19°C (WB) and Outdoor Air Temperatures 46°C (DB) / 24°C (WB), in compliance with UAE.S ISO 13253:2011

* Refer to Refrigerant Long Line Application guideline in product IOM to determine pipe sizes for pipe lengths longer than the above specified

** Recommended wire sizes are for reference & guidance ONLY, all field wires should comply with National and International Electrical Codes

Carrier reserves the right to change features and / or specifications without notice and without incurring any liability.

