



Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet **ENERGY STAR**® criteria. Ask your contractor for details or visit [www.energystar.gov](http://www.energystar.gov).

# Daikin 19 series

## Wall-Mounted Cooling Only

Up to 19 SEER | 12.5 EER

SINGLE-ZONE SYSTEMS



Model	Indoor Unit		FTK09NMVJU	FTK12NMVJU	FTK18NMVJU	FTK24NMVJU
	Outdoor Unit		RK09NMVJU	RK12NMVJU	RK18NMVJU	RK24NMVJU
Capacity Rated (Min. ~ Max.)	Btu/h		9,000 (4,400 ~ 10,200)	10,900 (4,400 ~ 13,300)	18,000 (5,500 ~ 20,000)	21,200 (5,500 ~ 24,000)
Moisture Removal	gal/h		0.32	0.45	1	1.2
EER Rated	12.5					
SEER	19			18		
Piping Connections	Liquid	in. (mm)	Ø 1/4 (Ø 6.4)			
	Gas		Ø 3/8 (Ø 9.5)	Ø 1/2 (Ø 12.7)		Ø 5/8 (Ø 15.9)
	Drain		Ø 5/8 (Ø 16.0)			
Max. Interunit Piping Length			65-5/8 (20)		98-1/2 (30)	
Max. Interunit Height Difference	ft. (m)		49-1/4 (15)		65-5/8 (20)	
Chargeless	32-13/16 (10)					
Amount of Additional Charge of Refrigerant	oz/ft (g/m)	0.21 (20)				
Operating Range - Cooling			50° - 115°F			
Operating Range - Low-Ambient Cooling**	°F DB		5° - 115°F			
Operating Range - Cooling with Optional Air Adjustment Grille**			-4° - 115°F			
Indoor Unit			FTK09NMVJU	FTK12NMVJU	FTK18NMVJU	FTK24NMVJU
Airflow Rate	H	cfm (m³/min)	417 (11.8)	434 (12.3)	713 (20.2)	713 (20.2)
	M		297 (8.4)	311 (8.8)	579 (16.4)	579 (16.4)
	L		244 (6.9)	247 (7.0)	448 (12.7)	512 (14.5)
	SL		141 (4.0)	145 (4.1)	403 (11.4)	403 (11.4)
Fan	Speed	Steps	5 Steps, Quiet, Auto			
Air Direction Control	Right, Left, Horizontal, Downward					
Air Filter	Removable, Washable, Mildew Proof					
Dimensions (H x W x D)	in. (mm)	11-1/4 x 30-5/16 x 8-3/4 (285 x 770 x 223)			11-5/8 x 39 x 10-3/8 (295 x 990 x 263)	
Weight	lbs. (kg)	18 (8)			27 (12)	
Sound Pressure Level (H / M / L / SL)	dB(A)	43 / 36 / 30 / 19	45 / 37 / 30 / 19	49 / 44 / 38 / 33	53 / 45 / 39 / 34	
Outdoor Unit			RKN09NMVJU	RKN12NMVJU	RKN18NMVJU	RKN24NMVJU
Compressor	Motor Output	W	790			
Refrigerant	Type	R-410A				
	Charge	lbs. (kg)	1.54 (0.70)	2.09 (0.95)	2.49 (1.13)	3.20 (1.45)
Airflow Rate	H	cfm (m³/min)	1,102 (31.2)	1,105 (31.3)	2,461 (69.7)	2,101 (59.5)
	SL		1,035 (29.3)	865 (24.5)	2,108 (59.7)	1,762 (49.9)
Dimensions (H x W x D)	in. (mm)	21-5/8 x 26-9/16 x 11-3/16 (550 x 675 x 284)			28-15/16 x 34-1/4 x 12-5/8 (735 x 870 x 320)	
Weight	lbs. (kg)	55 (25)	60 (27)	97 (44)	108 (49)	
Sound Pressure Level	H	dB(A)	46	49	54	55
ENERGY STAR® Certified			Yes	Yes	Yes	Yes

\*\*Cutting a jumper or a dipswitch setting is required. Refer to installation manual.

Unit Combination		Power Supply				Compressor	OFM		IFM	
Indoor Unit	Outdoor Unit	Hz - Volts	Voltage Range	MCA	MOCP	RLA	W	FLA	W	FLA
FTK09NMVJU	RK09NMVJU	60 - 208	Min. 187 V Max. 253 V	12.1	15	6.8	14	0.13	21	0.20
		60 - 230								
FTK12NMVJU	RK12NMVJU	60 - 208	Min. 187 V Max. 253 V	12.2	15	7.5	18	0.15	28	0.23
		60 - 230								
FTK18NMVJU	RK18NMVJU	60 - 208	Min. 187 V Max. 253 V	18.3	20	10	69	0.45	46	0.3
		60 - 230								
FTK24NMVJU	RK24NMVJU	60 - 208	Min. 187 V Max. 253 V	18.3	20	12	58	0.38	46	0.3
		60 - 230								



# 19 series

## Wall-Mounted Heat Pump

Up to 19 SEER | 9.0 HSPF



Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR® criteria. Ask your contractor for details or visit [www.energystar.gov](http://www.energystar.gov).



Model	Indoor Unit		FTX09NMVJU RX09NMVJU		FTX12NMVJU RX12NMVJU		FTX18NMVJU RX18NMVJU		FTX24NMVJU RX24NMVJU			
	Outdoor Unit		Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating		
Capacity Rated (Min. ~ Max.)	Btu/h		9,000 (4,400 ~ 10,200)	10,000 (4,400 ~ 13,000)	10,900 (4,400 ~ 13,300)	13,500 (4,400 ~ 16,400)	18,000 (5,500 ~ 20,000)	21,600 (5,500 ~ 24,000)	21,200 (5,500 ~ 24,000)	24,000 (5,800 ~ 27,600)		
Moisture Removal	gal/h		0.32	—	0.45	—	1	—	1.2	—		
COP Rated			4.06		3.80		3.60		3.50			
EER Rated			12.5		12.5		12.5		12.5			
SEER			19		19		18		18			
HSPF			9		9		9		9			
Piping Connections	Liquid	in. (mm)					Ø 1/4 (Ø 6.4)					
	Gas						Ø 3/8 (Ø 9.5)		Ø 1/2 (Ø 12.7)		Ø 5/8 (Ø 15.9)	
	Drain						Ø 5/8 (Ø 16.0)					
Max. Interunit Piping Length			65-5/8 (20)				98-1/2 (30)					
Max. Interunit Height Difference	ft. (m)		49-1/4 (15)				65-5/8 (20)					
Chargeless							32-13/16 (10)					
Amount of Additional Charge of Refrigerant	oz/ft (g/m)						0.21 (20)					
Operating Range - Cooling							50° - 115°F					
Operating Range - Low-Ambient Cooling**	°F DB						5° - 115°F					
Operating Range - Cooling with Optional Air Adjustment Grille**							-4° - 115°F					
Operating Range - Heating*	°F WB						5° - 65°F					
Indoor Unit			FTX09NMVJU		FTX12NMVJU		FTX18NMVJU		FTX24NMVJU			
Airflow Rate	H	(cfm)	417 (11.8)	403 (11.4)	434 (12.3)	413 (11.7)	713 (20.2)	745 (21.1)	713 (20.2)	745 (21.1)		
	M		297 (8.4)	328 (9.3)	311 (8.8)	321 (9.1)	579 (16.4)	604 (17.1)	579 (16.4)	604 (17.1)		
	L		244 (6.9)	251 (7.1)	247 (7.0)	258 (7.3)	448 (12.7)	470 (13.3)	512 (14.5)	470 (13.3)		
	SL		141 (4.0)	215 (6.1)	145 (4.1)	219 (6.2)	403 (11.4)	420 (11.9)	403 (11.4)	420 (11.9)		
Fan Speed	Steps	5 Steps, Quiet, Auto										
Air Direction Control			Right, Left, Horizontal, Downward									
Air Filter			Removable, Washable, Mildew Proof									
Dimensions (H x W x D)	in. (mm)		11-1/4 x 30-5/16 x 8-3/4 (285 x 770 x 223)				11-5/8 x 39 x 10-3/8 (295 x 990 x 263)					
Weight	lbs. (kg)		18 (8)				27 (12)					
Sound Pressure Level (H / M / L / SL)	dB(A)		43 / 36 / 30 / 19	43 / 36 / 29 / 25	45 / 37 / 30 / 19	45 / 37 / 30 / 26	49 / 44 / 38 / 33	49 / 42 / 37 / 33	53 / 45 / 39 / 34	53 / 43 / 37 / 34		
Outdoor Unit			RX09NMVJU		RX12NMVJU		RX18NMVJU		RX24NMVJU			
Compressor	Motor Output	W	790				1,100					
Refrigerant	Type	R-410A										
	Charge	lbs. (kg)	1.54 (0.70)		2.09 (0.95)		2.49 (1.13)		3.20 (1.45)			
Airflow Rate	H	(cfm)	1,102 (31.2)	1,006 (28.5)	1,105 (31.3)	922 (26.1)	2,461 (69.7)	2,217 (62.8)	2,101 (59.5)	1,893 (53.6)		
	SL	m³/min	1,035 (29.3)	918 (26.0)	865 (24.5)	777 (22.0)	2,108 (59.7)	1,896 (53.7)	1,762 (49.9)	1,585 (44.9)		
Dimensions (H x W x D)	in. (mm)		21-5/8 x 26-9/16 x 11-3/16 (550 x 675 x 284)				28-15/16 x 34-1/4 x 12-5/8 (735 x 870 x 320)					
Weight	lbs. (kg)		55 (25)		60 (27)		97 (44)		108 (49)			
Sound Pressure Level	H	dB(A)	46	48	49		54		55			
ENERGY STAR® Certified			YES		YES		YES		YES			

\*Applicable to heat pump models only, refer to installation manual for more details.

\*\*Cutting a jumper or a dipswitch setting is required. Refer to installation manual.

Unit Combination		Power Supply				Compressor	OFM		IFM	
Indoor Unit	Outdoor Unit	Hz - Volts	Voltage Range	MCA	MOCP	RLA	W	FLA	W	FLA
FTX09NMVJU	RX09NMVJU	60 - 208	Min. 187 V Max. 253 V	12.1	15	8.5	14	0.13	21	0.20
		60 - 230								
		60 - 230								
FTX12NMVJU	RX12NMVJU	60 - 208	Min. 187 V Max. 253 V	12.2	15	8.5	18	0.15	28	0.23
		60 - 230								
		60 - 230								
FTX18NMVJU	RX18NMVJU	60 - 208	Min. 187 V Max. 253 V	18.3	20	10.8	69	0.45	46	0.30
		60 - 230								
		60 - 230								
FTX24NMVJU	RX24NMVJU	60 - 208	Min. 187 V Max. 253 V	18.3	20	12.0	58	0.38	46	0.30
		60 - 230								
		60 - 230								