



SERIES 19

		12000	18000	24000
Indoor Unit		ZEN-WM12HP19S - 1	ZEN-WM18HP19S - 1	ZEN-WM24HP19S - 1
Outdoor Unit		ZEN-WM12HP19S - 0	ZEN-WM18HP19S - 0	ZEN-WM24HP19S - 0
PERFORMANCE RATING / ELECTRICAL DATA				
Cooling Capacity	BTU/hr	11,500	17,800	23,000
Heating capacity	BTU/hr	11,800	18,000	24,000
Voltage / Frequency	V/Hz/Ph	208-230 / 60 / 1	208-230 / 60 / 1	208-230 / 60 / 1
Max. over current protection	A	10	15	16
SEER	BTU/W*hr	20	19	17.5
HSPF	BTU/W*hr	9.5	10.5	9.5
EER	BTU/W*hr	10.5	11	10
Cooling operating range	C (F)	-15 - 50 (5 - 122)	-15 - 50 (5 - 122)	-15 - 50 (5 - 122)
Heating operating range	C (F)	-20 - 30 (-4 - 86)	-20 - 30 (-4 - 86)	-20 - 30 (-4 - 86)
Moisture removal	L/hr (pt/hr)	N/A	N/A	N/A
Indoor air circulation	m3/h	1220/1100/800	1180/1050/900	1300/1150/1000
(H/M/L)	(CFM)	*(380)	*(530)	*(680)
Indoor noise level	dB(A)	42	45	48
Outdoor noise level	dB(A)	53	55	57
REFRIGERATION SYSTEM				
Liquide line	mm (in)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø9.52 (3/8)
Suction line	mm (in)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø15.88 (5/8)
Maximum line length	m (ft)	25 (82)	30 (98)	50 (164)
Maximum height difference	m (ft)	10 (33)	20 (66)	20 (66)
INDOOR UNIT				
Dimensions (W x H x D)	mm (in)	864 x 200 x 300 (34.02 x 7.87 x 11.81)	972 x 215 x 320 (38.27 x 8.46 x 12.6)	1080 x 335 x 226 (42.52 x 13.19 x 8.9)
Net weight	kg (lb)	21 (46.1)	25.4 (56.0)	32 (70.5)
Gross weight	kg (lb)	28 (60.8)	32 (70.5)	40 (88.2)
OUTDOOR UNIT				
Dimensions (W x H x D)	mm (in)	745 x 495 x 305 (29.33 x 19.49 x 12)	850 x 345 x 555 (33.46 x 13.58 x 21.85)	850 x 345 x 555 (33.46 x 13.58 x 21.85)
Net weight	kg (lb)	53 (116.6)	72.8 (160.5)	90.4 (199.3)
Gross weight	kg (lb)	57 (126.3)	81.6 (179.9)	99.2 (218.7)