



# SERIES 23

		12000	18000	24000
<b>Indoor Unit</b>		ZEN-WM12HP23S - 1	ZEN-WM18HP23S - 1	ZEN-WM24HP23S - 1
<b>Outdoor Unit</b>		ZEN-WM12HP23S - 0	ZEN-WM18HP23S - 0	ZEN-WM24HP23S - 0
<b>PERFORMANCE RATING / ELECTRICAL DATA</b>				
Cooling Capacity	BTU/hr	12,000	18,000	23,000
Heating capacity	BTU/hr	12,000	18,000	26,000
Voltage / Frequency	V/Hz/Ph	208-230 / 60 / 1	208-230 / 60 / 1	208-230 / 60 / 1
Max. over current protection	A	15	25	30
SEER	BTU/W*hr	22	21.5	21.5
HSPF	BTU/W*hr	12.7	11	11.5
EER	BTU/W*hr	13	13	12.5
Cooling operating range	C ( F)	-20 - 50 (-7 - 122)	-20 - 50 (-7 - 122)	-20 - 50 (-7 - 122)
Heating operating range	C ( F)	-30 - 30 (-22 - 86)	-30 - 30 (-22 - 86)	-30 - 30 (-22 - 86)
Moisture removal	L/hr (pt/hr)	N/A	N/A	N/A
Indoor air circulation	m3/h	1250/950/750	1120/950/700	1200/1080/600
(H/M/L)	(CFM)	*(291.18/194.12/152.94)	*(530.59/458.82/382.35)	*(601.18/458.82/382.35)
Indoor noise level	dB(A)	42	46	47
Outdoor noise level	dB(A)	56	59	62
<b>REFRIGERATION SYSTEM</b>				
Liquide line	mm (in)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø9.52 (3/8)
Suction line	mm (in)	Ø12.7 (1/2)	Ø12.7 (1/2)	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)
<b>INDOOR UNIT</b>				
Dimensions (W x H x D)	mm (in)	802 x 200 x 295 (31.57 x 7.87 x 11.61)	1083 x 244 x 336 (42.64 x 9.61 x 13.23)	1082 x 234 x 337 (42.60 x 9.21 x 13.27)
Net weight	kg (lb)	18.7 (41.2)	29.5 (65)	30 (66.1)
Gross weight	kg (lb)	24.3 (53.6)	37.5 (82.7)	38.1 (84)
<b>OUTDOOR UNIT</b>				
Dimensions (W x H x D)	mm (in)	805 x 330 x 554 (31.69 x 12.99 x 21.81)	890 x 342 x 673 (35.04 x 13.46 x 26.50)	946 x 410 x 810 (37.24 x 16.14 x 31.89)
Net weight	kg (lb)	73.6 (162.3)	101(222.7)	134.5 (295.5)
Gross weight	kg (lb)	79.4 (175)	108 (238.1)	144.5 (318.6)