

Table of corrections in PRIMEQUEST 580A/540A/580/540/480/440 Installation Planning Manual (C122-H001-09EN)

2008/09/19

Erroneous descriptions that were found in the manual have been corrected as shown below.

No.	Page	Item	Description					
1	1-12 to 1-14	Table 1.2 PRIMEQUEST 580A main unit installation specifications (Model name: MC5C0P3a1x)	Addition	(Excerpt from Table 1.2)				
				Item				
				Air conditioning	Maximum heat dissipation [kJ/h (BTU/h)] (*3)			
					Exhaust air flow (*10) [m³/min (ft³/min)]		With fans operating at low speed	
							With fans operating at high speed	
					Temperature and humidity (*4)	Operating	Temperature [°C (°F)]	
							Humidity [%RH]	
							Maximum wet bulb temperature [°C (°F)]	
						Stand-by	Temperature [°C (°F)]	
							Humidity [%RH]	
							Maximum wet bulb temperature [°C (°F)]	
						Not operating (*6)	Temperature [°C (°F)]	
							Humidity [%RH]	
							Maximum wet bulb temperature [°C (°F)]	
					Noise [dB (A)] (*7) (*10)			
					Sound power level [B(A)] (*7) (*10)			
					Allowable vibration [m/s²]	Operating (including standby)		
						Not operating (*6)		
					Allowable dust [mg/m³]			
*1: This value does not include any projection.								
*2: Value for the case with the maximum number of optional units allowed installed.								
The weight of the unit based on the equipment configuration can be calculated from the following formula:								
<div>Unit weight = 492 + (12 x A) + (15 x B) + (1 x C) + (10 x D)</div>								
When 32-GB memory is mounted, the formula is as follows:								
<div>Unit weight = 492 + (13 x A) + (15 x B) + (1 x C) + (10 x D)</div>								
- A = Number of SBs mounted: From a minimum of one to a maximum of eight								
- B = Number of IOUs mounted: From a minimum of one to a maximum of eight								

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2	1-15, 1-16	Table 1.3 PRIMEQUEST 540A main unit installation specifications (Model name: MC4C0P3a1x)	Addition	<div>(Excerpt from Table 1.3)</div> <table><tr><th colspan="4">Item</th></tr><tr><td rowspan="12">Air conditioning</td><td colspan="3">Maximum heat dissipation [kJ/h (BTU/h)] (*3)</td></tr><tr><td colspan="2" rowspan="2">Exhaust air flow (*10) [m³/min (ft³/min)]</td><td>With fans operating at low speed</td></tr><tr><td>With fans operating at high speed</td></tr><tr><td rowspan="9">Temperature and humidity (*4)</td><td rowspan="3">Operating</td><td>Temperature [°C (°F)]</td></tr><tr><td>Humidity [%RH]</td></tr><tr><td>Maximum wet bulb temperature [°C (°F)]</td></tr><tr><td rowspan="3">Stand-by</td><td>Temperature [°C (°F)]</td></tr><tr><td>Humidity [%RH]</td></tr><tr><td>Maximum wet bulb temperature [°C (°F)]</td></tr><tr><td rowspan="3">Not operating (*6)</td><td>Temperature [°C (°F)]</td></tr><tr><td>Humidity [%RH]</td></tr><tr><td>Maximum wet bulb temperature [°C (°F)]</td></tr></table>			Item				Air conditioning	Maximum heat dissipation [kJ/h (BTU/h)] (*3)			Exhaust air flow (*10) [m³/min (ft³/min)]		With fans operating at low speed	With fans operating at high speed	Temperature and humidity (*4)	Operating	Temperature [°C (°F)]	Humidity [%RH]	Maximum wet bulb temperature [°C (°F)]	Stand-by	Temperature [°C (°F)]	Humidity [%RH]	Maximum wet bulb temperature [°C (°F)]	Not operating (*6)	Temperature [°C (°F)]	Humidity [%RH]	Maximum wet bulb temperature [°C (°F)]
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				Item			
				Air conditioning	Maximum heat dissipation [kJ/h (BTU/h)] (*3)		
					Exhaust air flow (*10) [m³/min (ft³/min)]	With fans operating at low speed	
						With fans operating at high speed	
					Temperature and humidity (*4)	Operating	Temperature [°C (°F)]
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				Maximum wet bulb temperature [°C (°F)]			
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4	1-20, 1-21	Table 1.5 PRIMEQUEST 540 main unit installation specifications (Model name: MC4B0P2a1x)	Addition	<div>(Excerpt from Table 1.5)</div> <table><tr><th colspan="4">Item</th></tr><tr><td rowspan="17">Air conditioning</td><td colspan="3">Maximum heat dissipation [kJ/h (BTU/h)] (*3)</td></tr><tr><td colspan="2" rowspan="2">Exhaust air flow (*10) [m³/min (ft³/min)]</td><td>With fans operating at low speed</td></tr><tr><td>With fans operating at high speed</td></tr><tr><td rowspan="9">Temperature and humidity (*4)</td><td rowspan="3">Operating</td><td>Temperature [°C (°F)]</td></tr><tr><td>Humidity [%RH]</td></tr><tr><td>Maximum wet bulb temperature [°C (°F)]</td></tr><tr><td rowspan="3">Stand-by</td><td>Temperature [°C (°F)]</td></tr><tr><td>Humidity [%RH]</td></tr><tr><td>Maximum wet bulb temperature [°C (°F)]</td></tr><tr><td rowspan="3">Not operating (*6)</td><td>Temperature [°C (°F)]</td></tr><tr><td>Humidity [%RH]</td></tr><tr><td>Maximum wet bulb temperature [°C (°F)]</td></tr><tr><td colspan="3">Noise [dB (A)] (*7) (*10)</td></tr><tr><td colspan="3">Sound power level [B(A)] (*7) (*10)</td></tr><tr><td rowspan="2">Allowable vibration [m/s²]</td><td colspan="2">Operating (including standby)</td></tr><tr><td colspan="2">Not operating (*6)</td></tr><tr><td colspan="3">Allowable dust [mg/m³]</td></tr></table>			Item				Air conditioning	Maximum heat dissipation [kJ/h (BTU/h)] (*3)			Exhaust air flow (*10) [m³/min (ft³/min)]		With fans operating at low speed	With fans operating at high speed	Temperature and humidity (*4)	Operating	Temperature [°C (°F)]	Humidity [%RH]	Maximum wet bulb temperature [°C (°F)]	Stand-by	Temperature [°C (°F)]	Humidity [%RH]	Maximum wet bulb temperature [°C (°F)]	Not operating (*6)	Temperature [°C (°F)]	Humidity [%RH]	Maximum wet bulb temperature [°C (°F)]	Noise [dB (A)] (*7) (*10)			Sound power level [B(A)] (*7) (*10)			Allowable vibration [m/s²]	Operating (including standby)		Not operating (*6)		Allowable dust [mg/m³]		
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No.	Page	Item	Description					
5	1-22 to 1-24	Table 1.6 PRIMEQUEST 480 main unit installation specifications (Model name: MC5A0P1a1x)	Addition	(Excerpt from Table 1.6)				
				Item				
				Air conditioning	Maximum heat dissipation [kJ/h (BTU/h)]			
					Exhaust air flow (*9) [m³/min (ft³/min)]		With fans operating at low speed	
							With fans operating at high speed	
					Temperature and humidity (*3)	Operating	Temperature [°C (°F)]	
							Humidity [%RH]	
							Maximum wet bulb temperature [°C (°F)]	
						Stand-by	Temperature [°C (°F)]	
							Humidity [%RH]	
							Maximum wet bulb temperature [°C (°F)]	
						Not operating (*5)	Temperature [°C (°F)]	
							Humidity [%RH]	
							Maximum wet bulb temperature [°C (°F)]	
					Noise [dB (A)] (*6) (*9)			
					Sound power level [B(A)] (*6) (*9)			
				Allowable vibration [m/s²]	Operating (including standby)			
					Not operating (*5)			
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5	1-22 to 1-24	Table 1.6 PRIMEQUEST 480 main unit installation specifications (Model name: MC5A0P1a1x)	Addition	<p>*3: There must be no condensation.</p> <p>*4: The temperature requirement depends on the installation altitude.</p> <p>- 5 to 35 °C (41 to 95.0 °F)</p> <p>[if installed at an altitude of 0 to 1500 m (0 to 4921.2 ft)]</p> <p>- 5 to 33 °C (41 to 91.4 °F)</p> <p>[if installed at an altitude of 1500 to 2000 m (4921.2 to 6561.6 ft)]</p> <p>- 5 to 32 °C (41 to 89.6 °F)</p> <p>[if installed at an altitude of 2000 to 2500 m (6561.6 to 8202 ft)]</p> <p>- 5 to 30 °C (41 to 86 °F)</p> <p>[if installed at an altitude of 2500 to 3000 m (8202 to 9842.4 ft)]</p> <p>*5: "Not operating" means the time when the equipment is stored.</p> <p>*6: The noise and sound power level vary on the ambient temperature.</p> <p>*7: The maximum power consumption and apparent power used when memory has been expanded to a maximum of 1 terabyte are 12,400 W and 12,500 VA, respectively.</p> <p>*8: These values are for each power cable.</p> <p>*9: If the intake air temperature is high (within the normal temperature) in normal operation, the FAN rotate at high speed.</p>																																
6	1-25, 1-26	Table 1.7 PRIMEQUEST 440 main unit installation specifications (Model name: MC4A0P1a1x)	Addition	<p>(Excerpt from Table 1.7)</p> <table><tr><th colspan="4">Item</th></tr><tr><td rowspan="9">Air conditioning</td><td colspan="3">Maximum heat dissipation [kJ/h (BTU/h)]</td></tr><tr><td colspan="2" rowspan="2">Exhaust air flow (*8) [m³/min (ft³/min)]</td><td colspan="2">With fans operating at low speed</td></tr><tr><td colspan="2">With fans operating at high speed</td></tr><tr><td rowspan="6">Temperature and humidity (*3)</td><td rowspan="3">Operating</td><td colspan="2">Temperature [°C (°F)]</td></tr><tr><td colspan="2">Humidity [%RH]</td></tr><tr><td colspan="2">Maximum wet bulb temperature [°C (°F)]</td></tr><tr><td rowspan="3">Stand-by</td><td colspan="2">Temperature [°C (°F)]</td></tr><tr><td colspan="2">Humidity [%RH]</td></tr><tr><td colspan="2">Maximum wet bulb temperature [°C (°F)]</td></tr></table>				Item				Air conditioning	Maximum heat dissipation [kJ/h (BTU/h)]			Exhaust air flow (*8) [m³/min (ft³/min)]		With fans operating at low speed		With fans operating at high speed		Temperature and humidity (*3)	Operating	Temperature [°C (°F)]		Humidity [%RH]		Maximum wet bulb temperature [°C (°F)]		Stand-by	Temperature [°C (°F)]		Humidity [%RH]		Maximum wet bulb temperature [°C (°F)]	
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	Noise [dB (A)] (*6) (*8)																					
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	Allowable vibration [m/s ²]	Operating (including standby)																				
		Not operating (*5)																				
	Allowable dust [mg/m ³]																					

No.	Page	Item	Description					
7	1-27 to 1-29	Table 1.8 Extended Power Cabinet installation specifications (Model name: MC-57DPa1x, MC-77UGDax)	Addition	(Excerpt from Table 1.8)				
				Item				
				Air conditioning	Maximum heat dissipation [kJ/h (BTU/h)]			
					Exhaust air flow (*8) [m³/min (ft³/min)]		With fans operating at low speed	
							With fans operating at high speed	
					Temperature and humidity (*3)	Operating	Temperature [°C (°F)]	
							Humidity [%RH]	
							Maximum wet bulb temperature [°C (°F)]	
						Stand-by	Temperature [°C (°F)]	
							Humidity [%RH]	
							Maximum wet bulb temperature [°C (°F)]	
						Not operating (*5)	Temperature [°C (°F)]	
							Humidity [%RH]	
							Maximum wet bulb temperature [°C (°F)]	
					Noise [dB (A)] (*6) (*8)			
					Sound power level [B(A)] (*6) (*8)			
					Allowable vibration [m/s²]	Operating (including standby)		
						Not operating (*5)		
					Allowable dust [mg/m³]			

No.	Page	Item	Description																																																										
7	1-27 to 1-29	Table 1.8 Extended Power Cabinet installation specifications (Model name: MC-57DPa1x, MC-77UGDax)	Addition	<div>*4: The temperature requirement depends on the installation altitude. - 5 to 35 °C (41 to 95.0 °F) [if installed at an altitude of 0 to 1500 m (0 to 4921.2 ft)] - 5 to 33 °C (41 to 91.4 °F) [if installed at an altitude of 1500 to 2000 m (4921.2 to 6561.6 ft)] - 5 to 32 °C (41 to 89.6 °F) [if installed at an altitude of 2000 to 2500 m (6561.6 to 8202 ft)] - 5 to 30 °C (41 to 86 °F) [if installed at an altitude of 2500 to 3000 m (8202 to 9842.4 ft)] *5: "Not operating" means the time when the equipment is stored. *6: The noise and sound power level vary on the ambient temperature. *7: These values are for each power cable. *8: If the intake air temperature is high (within the normal temperature) in normal operation, the FAN rotate at high speed.</div>																																																									
8	1-30, 1-31	Table 1.9 Extended I/O Cabinet installation specifications (Model name: MC-77RKa1x, MC-87RKa1x)	Addition	<div>(Excerpt from Table 1.9)</div> <table><tr><th colspan="4">Item</th></tr><tr><td rowspan="17">Air conditioning</td><td colspan="3">Maximum heat dissipation [kJ/h (BTU/h)]</td><td></td></tr><tr><td colspan="2" rowspan="2">Exhaust air flow (*8) [m³/min (ft³/min)]</td><td colspan="2">With fans operating at low speed</td></tr><tr><td colspan="2">With fans operating at high speed</td></tr><tr><td rowspan="9">Temperature and humidity (*3)</td><td rowspan="3">Operating</td><td colspan="2">Temperature [°C (°F)]</td></tr><tr><td colspan="2">Humidity [%RH]</td></tr><tr><td colspan="2">Maximum wet bulb temperature [°C (°F)]</td></tr><tr><td rowspan="3">Stand-by</td><td colspan="2">Temperature [°C (°F)]</td></tr><tr><td colspan="2">Humidity [%RH]</td></tr><tr><td colspan="2">Maximum wet bulb temperature [°C (°F)]</td></tr><tr><td rowspan="3">Not operating (*5)</td><td colspan="2">Temperature [°C (°F)]</td></tr><tr><td colspan="2">Humidity [%RH]</td></tr><tr><td colspan="2">Maximum wet bulb temperature [°C (°F)]</td></tr><tr><td colspan="4">Noise [dB (A)] (*6) (*8)</td></tr><tr><td colspan="4">Sound power level [B(A)] (*6) (*8)</td></tr><tr><td colspan="2" rowspan="2">Allowable vibration [m/s²]</td><td colspan="2">Operating (including standby)</td></tr><tr><td colspan="2">Not operating (*5)</td></tr><tr><td colspan="4">Allowable dust [mg/m³]</td></tr></table> <div>*1: This value does not include any projection.</div>			Item				Air conditioning	Maximum heat dissipation [kJ/h (BTU/h)]				Exhaust air flow (*8) [m³/min (ft³/min)]		With fans operating at low speed		With fans operating at high speed		Temperature and humidity (*3)	Operating	Temperature [°C (°F)]		Humidity [%RH]		Maximum wet bulb temperature [°C (°F)]		Stand-by	Temperature [°C (°F)]		Humidity [%RH]		Maximum wet bulb temperature [°C (°F)]		Not operating (*5)	Temperature [°C (°F)]		Humidity [%RH]		Maximum wet bulb temperature [°C (°F)]		Noise [dB (A)] (*6) (*8)				Sound power level [B(A)] (*6) (*8)				Allowable vibration [m/s²]		Operating (including standby)		Not operating (*5)		Allowable dust [mg/m³]			
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No.	Page	Item	Description																												
8	1-30, 1-31	Table 1.9 Extended I/O Cabinet installation specifications (Model name: MC-77RKa1x, MC-87RKa1x)	Addition	<div>*2: Value for the case the maximum allowable number of optional units is mounted. The weight of the unit based on the equipment configuration can be calculated from the following formula: <div>Unit weight = 264 + (42 x K)</div> - K = Number of PCI_Boxes mounted: From a minimum of one to a maximum of eight</div> <div>*3: There must be no condensation.</div> <div>*4: The temperature requirement depends on the installation altitude. - 5 to 35 °C (41 to 95.0 °F) [if installed at an altitude of 0 to 1500 m (0 to 4921.2 ft)] - 5 to 33 °C (41 to 91.4 °F) [if installed at an altitude of 1500 to 2000 m (4921.2 to 6561.6 ft)] - 5 to 32 °C (41 to 89.6 °F) [if installed at an altitude of 2000 to 2500 m (6561.6 to 8202 ft)] - 5 to 30 °C (41 to 86 °F) [if installed at an altitude of 2500 to 3000 m (8202 to 9842.4 ft)]</div> <div>*5: "Not operating" means the time when the equipment is stored.</div> <div>*6: The noise and sound power level vary on the ambient temperature.</div> <div>*7: These values are for each power cable.</div> <div>*8: If the intake air temperature is high (within the normal temperature) in normal operation, the FAN rotate at high speed.</div>																											
9	1-32, 1-33	Table 1.10 PCI_Box installation specifications (Model name: MC-07PBa1x)	Addition	<div>(Excerpt from Table 1.10)</div> <table><tr><th colspan="4">Item</th></tr><tr><td rowspan="12">Air conditioning</td><td colspan="3">Maximum heat dissipation [kJ/h (BTU/h)]</td></tr><tr><td colspan="2" rowspan="2">Exhaust air flow (*8) [m³/min (ft³/min)]</td><td>With fans operating at low speed</td></tr><tr><td>With fans operating at high speed</td></tr><tr><td rowspan="9">Temperature and humidity (*3)</td><td rowspan="3">Operating</td><td>Temperature [°C (°F)]</td></tr><tr><td>Humidity [%RH]</td></tr><tr><td>Maximum wet bulb temperature [°C (°F)]</td></tr><tr><td rowspan="3">Stand-by</td><td>Temperature [°C (°F)]</td></tr><tr><td>Humidity [%RH]</td></tr><tr><td>Maximum wet bulb temperature [°C (°F)]</td></tr><tr><td rowspan="3">Not operating (*5)</td><td>Temperature [°C (°F)]</td></tr><tr><td>Humidity [%RH]</td></tr><tr><td>Maximum wet bulb temperature [°C (°F)]</td></tr></table>			Item				Air conditioning	Maximum heat dissipation [kJ/h (BTU/h)]			Exhaust air flow (*8) [m³/min (ft³/min)]		With fans operating at low speed	With fans operating at high speed	Temperature and humidity (*3)	Operating	Temperature [°C (°F)]	Humidity [%RH]	Maximum wet bulb temperature [°C (°F)]	Stand-by	Temperature [°C (°F)]	Humidity [%RH]	Maximum wet bulb temperature [°C (°F)]	Not operating (*5)	Temperature [°C (°F)]	Humidity [%RH]	Maximum wet bulb temperature [°C (°F)]
Item																															
Air conditioning	Maximum heat dissipation [kJ/h (BTU/h)]																														
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		Not operating (*5)	Temperature [°C (°F)]																												
			Humidity [%RH]																												
			Maximum wet bulb temperature [°C (°F)]																												

No.	Page	Item	Description		
9	1-32, 1-33	Table 1.10 PCI_Box installation specifications (Model name: MC-07PBa1x)	Addition		

(End of table)