

# Thermal Management

## Cooling units

### Outdoor | CUON

#### IP 54 | TYPE 4, 4X

**Description:**

High performance cooling unit for vertical installation. CUON is the air conditioning solution for critical environments which the air conditioner is installed outdoors. The unit is external mounted in order to maximize space inside the enclosure. Common to all models is the self cleaning condenser coil which eliminates the necessity for an air filter, avoiding ordinary maintenance.

The thermostat is inside the unit and it is adjustable between 25°C and 45°C with the Electronic Key-Pad (CUK01) which is available as an accessory. The factory setting is 35°C. The cooling unit can also be supplied with a mechanically adjustable thermostat upon request. Ozone friendly refrigerant R134a.

**Type of connection:**

Terminal included.

**Material:**

Galvanized steel powder coated / Stainless steel AISI 304.  
Stainless steel AISI 316 available on request.

**Temperature limits inside:**

+25°C to +45°C.

**Temperature limits outside:**

-40 to +55 °C.

**Protection:**

IP 54 | TYPE 4, 4X.

**Approvals:**

CE, cULus\_UL Listed.

**Finish:**

RAL 7035 for the galvanized steel versions.



IP 54 | TYPE 4, 4X

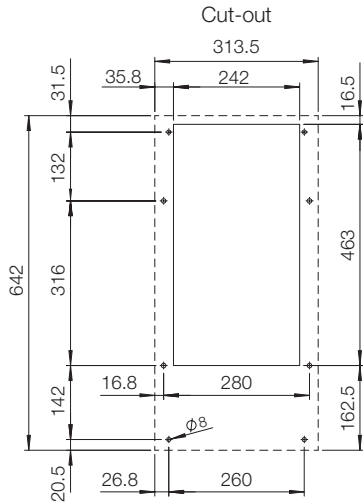
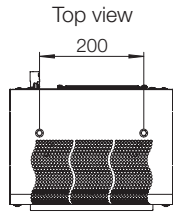
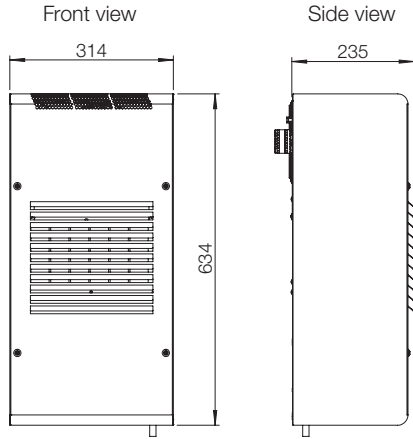
H	W	D	Cooling capacity L35L35 (W)	Cooling capacity L35L50 (W)	Power consumption L35L50 (W)	Power supply (V/ph/Hz)	Item no.
634	314	235	550 - 580	410 - 430	320 - 390	230 / 1 / 50 - 60	CUON05502
634	314	235	850 - 900	620 - 700	420 - 600	230 / 1 / 50 - 60	CUON08502
906	410	272	1100 - 1150	840 - 890	510 - 650	230 / 1 / 50 - 60	CUON10502
906	410	272	1500 - 1600	1200 - 1280	750 - 825	230 / 1 / 50 - 60	CUON15002
999	409	286	1500	1200	890	400 - 3 - 50 / 460 - 3 - 60	CUON15004
996	409	286	2100 - 2200	1750 - 1850	1120 - 1240	230 / 1 / 50 - 60	CUON21002
996	409	286	2100	1800	1200	400-3-50 / 460-3-60	CUON21004
1211	511	356	4000 - 4100	3000 - 3300	1730 - 1950	230 / 1 / 50 - 60	CUON40502
1211	511	356	4050	3260	1950	400 - 3 - 50 / 460 - 3 - 60	CUON40504
634	314	235	550 - 580	410 - 430	320 - 390	230 / 1 / 50 - 60	CUON05502SS
634	314	235	850 - 900	620 - 700	420 - 600	230 / 1 / 50 - 60	CUON08502SS
906	410	272	1100 - 1150	840 - 890	510 - 650	230 / 1 / 50 - 60	CUON10502SS
906	410	272	1500 - 1600	1200 - 1280	750 - 825	230 / 1 / 50 - 60	CUON15002SS
999	409	286	1500	1200	890	400 - 3 - 50 / 460 - 3 - 60	CUON15004SS
999	409	286	2100 - 2200	1750 - 1850	1120 - 1240	230 / 1 / 50 - 60	CUON21002SS
999	409	286	2100	1800	1200	400 - 3 - 50 / 460 - 3 - 60	CUON21004SS
1211	511	356	4000 - 4100	3000 - 3300	1730 - 1950	230 / 1 / 50 - 60	CUON40502SS
1211	511	356	4050	3260	1950	400 - 3 - 50 / 460 - 3 - 60	CUON40504SS

Max. running current (A)	Starting current (A)	Pre-fuse (A)	Side cabinet fan flow (m³/h)	Noise level (dB)	Weight (kg)	Item no.
2.1	7.5	15	195	61	25.56	CUON05502
3.9	20	15	390	64	30.00	CUON08502
3.6	18	15	580	65	48.89	CUON10502
5.2	28	15	580	65	51.11	CUON15002
2.37	20	15	580	65	53.33	CUON15004
6.3	34	15	580	69	53.33	CUON21002
3.62	22	15	930	69	53.33	CUON21004
8.3	35	15	1300	70	88.89	CUON40502
5.96	19	15	1300	70	94.44	CUON40504
2.1	7.5	15	195	61	25.56	CUON05502SS
3.9	20	15	390	64	30.00	CUON08502SS
3.6	18	15	580	65	48.89	CUON10502SS
5.2	28	15	580	65	51.11	CUON15002SS
2.37	20	15	580	65	53.33	CUON15004SS
6.3	34	15	580	69	53.33	CUON21002SS
3.62	22	15	930	69	53.33	CUON21004SS
8.3	35	15	1300	70	88.89	CUON40502SS
5.96	19	15	1300	70	94.44	CUON40504SS

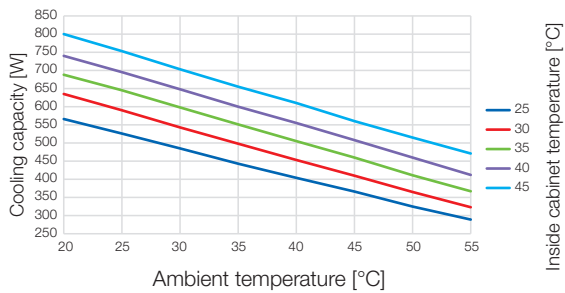


# Dimensional drawing | CUON

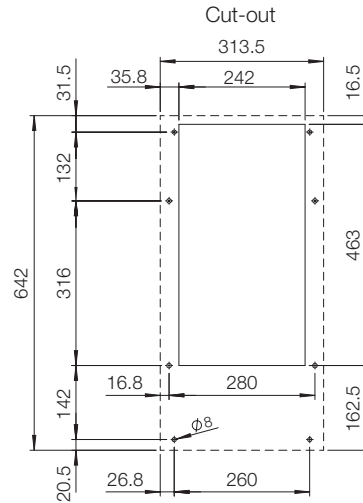
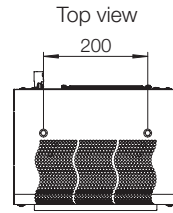
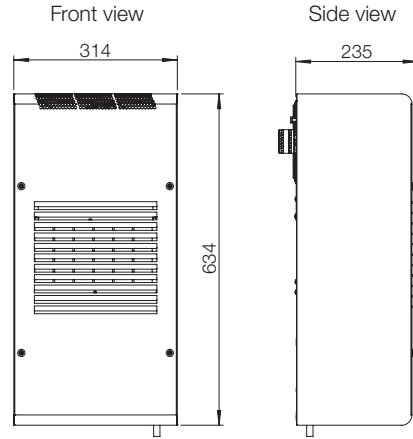
CUON05502 / CUON05502SS



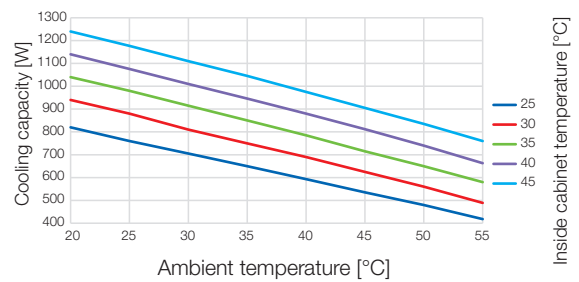
Performance



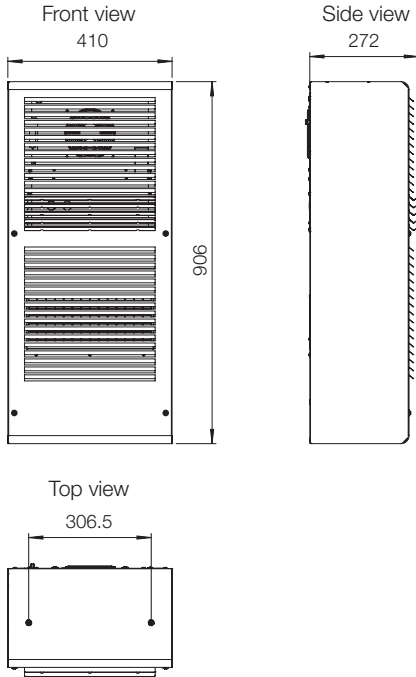
CUON08502 / CUON08502SS



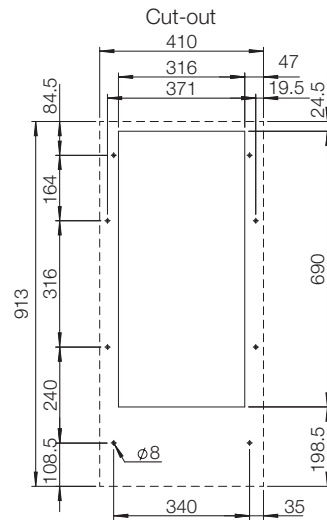
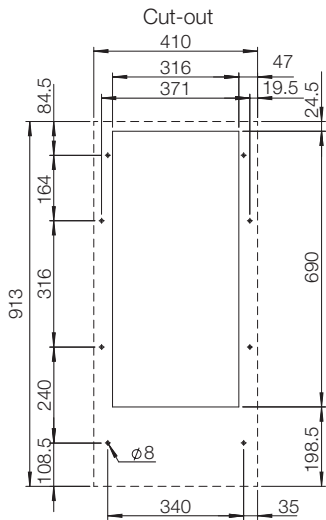
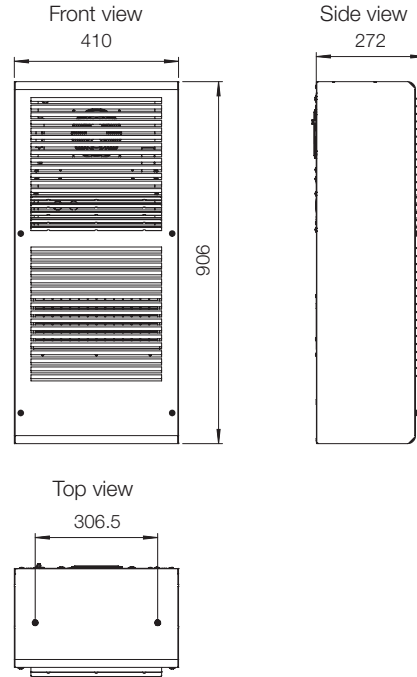
Performance



CUON10502 / CUON10502SS

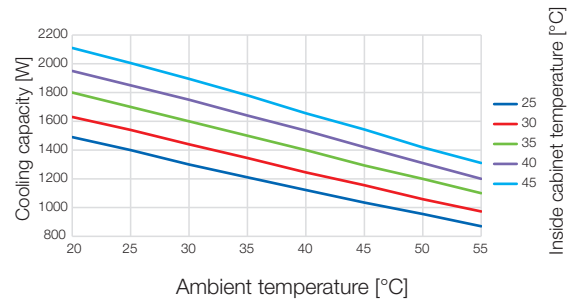
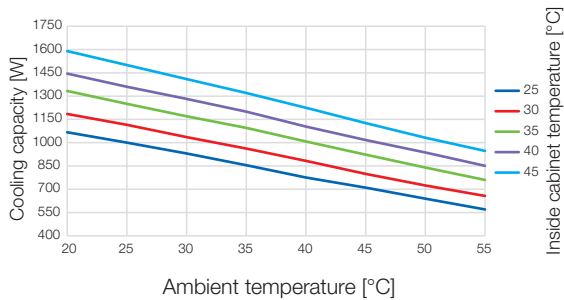


CUON15002 / CUON15002SS



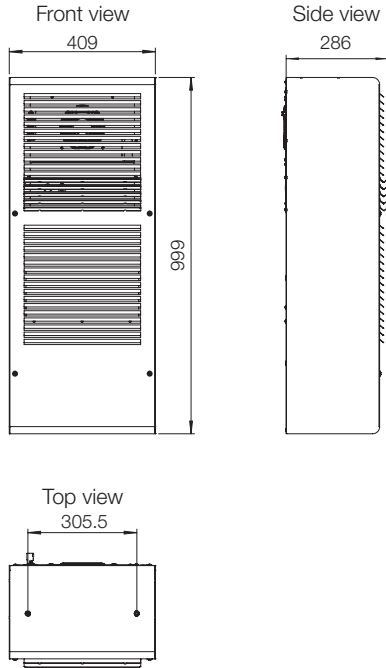
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Performance

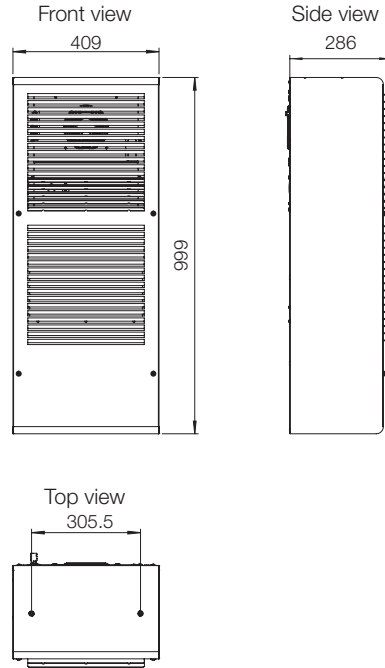


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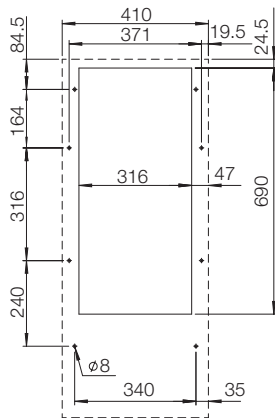
CUON15004 / CUON15004SS



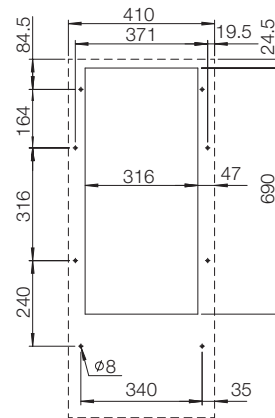
CUON21002 / CUON021002SS



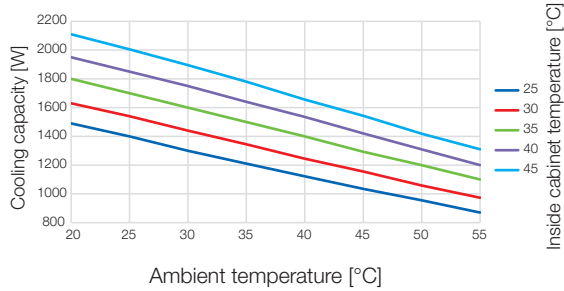
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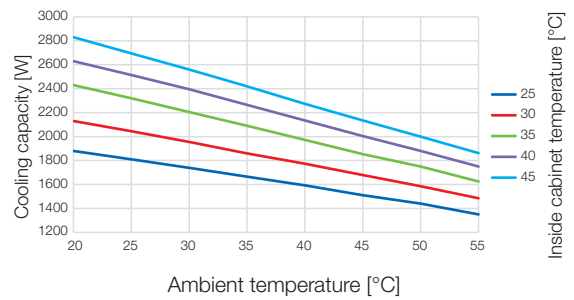
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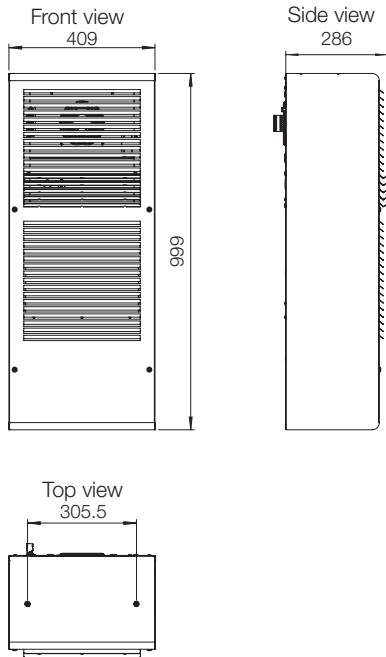
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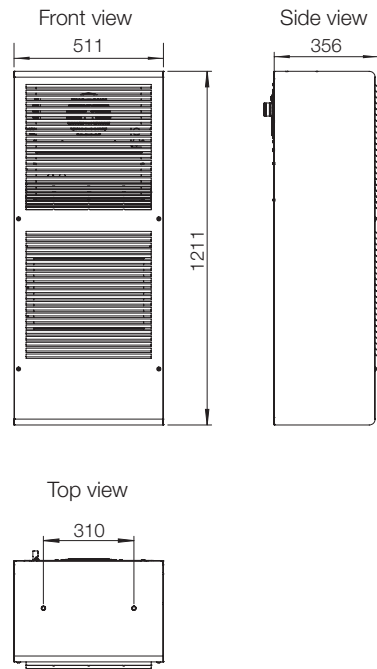
Performance



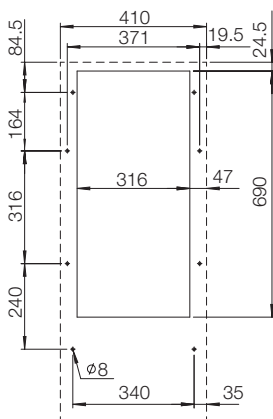
CUON21004 / CUON021004SS



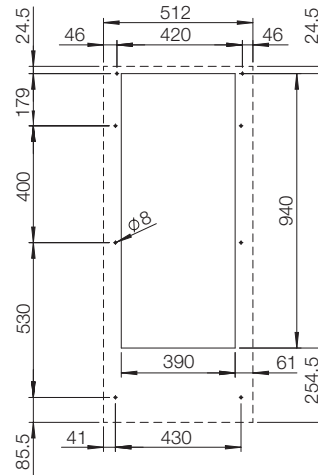
CUON40502 / CUON40502SS  
CUON40504 / CUON40504SS



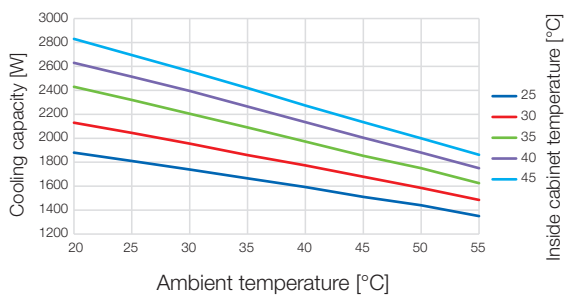
Cut-out



Cut-out



Performance



Performance

