

3.3 MVA Loadbank

Model: MC1C-3300



Loadbank Data

Nominal Capacity	<i>See table overleaf</i>	Terminals per phase	6 x M12
Length along airflow	2991 mm	Fan Motor, 50Hz, (DOL)	2 x 10.5 kW
Width across airflow	2440 mm	Airflow	14 m ³ /s
Height on forklift base	2590 mm	Average air temperature rise	146 °C
Approximate Weight	9000 kg		

Airflow and Noise Level

Forced-air cooling is by axial metal-bladed aerofoil fans, giving vertical discharge. Two fans are fitted to the 8300 loadbank. Typical noise level for the 8300 is 85dBA at 50Hz. Measurements are taken 3 metres from the load bank and at 90° to the airflow direction. Noise readings are subject to a tolerance of ±3dBA.

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3.3 MVA Loadbank

Model: MC1C-3300



Loadbank Data

Combined Resistive / Inductive Load bank

Maximum rating

3300 kVA @ 0.80 p.f.
480 Volts 3 phase 60 Hertz

Load bank Type MC1C-3300

Load bank capacities at voltages other than equipment rated voltage

Volts applied	208	220	380	400	415	440	450	480	600	660	690
Resistive / Inductive											
50 Hz kVA @ 0.80 p.f.	620	693	2068	2292	2467	2773	0	0	0	0	0
60 Hz kVA @ 0.80 p.f.	620	693	2068	2292	2467	2773	2900	3300	0	0	0
Resistive only kW = kVA @ 1.00 p.f. kW not affected by frequency	496	555	1655	1833	1973	2218	2320	2640	0	0	0

The Sigma control system will allow fully variable pf to be achieved from 0.00 to 1.00

* Values restricted by the control system

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