

ASCO® LOAD BANKS

8000 SERIES



Froment

ASCO®






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ASCO® Froment 8000 SERIES load banks are either resistive only or combined resistive/ inductive units for testing power supplies at unity or non-unity power factor. Based on a rugged, ISO containerised construction, 8000 SERIES are intended for continuous use and are built to withstand the rigours of the world's varying climatic conditions.

All models can be customised for a particular application and are available from 2500kW to 6000kVA with a wide voltage test range. Each load bank in the 8000 SERIES range has common design features ensuring a built to last and low life cost philosophy. SIGMA control is fitted as standard providing networking capabilities with multiple load banks to achieve larger test capacities or variable power factor testing.

Typical 8000 SERIES load bank applications include mission critical, data centres, rental, service and generator maintenance, OEM's and renewable energy.

As well as the 8000 SERIES, an extensive range of 3000 SERIES (purely resistive) and 6000 SERIES (inductive, capacitive, combined) load banks are also available.

-  Resistive only options
-  Combined options
-  Container construction
-  Capacities from 2000kW - 6000kVA
-  Best-in-class SIGMA controls

8000 SERIES MODELS

For more detailed technical specifications please refer to the relevant model specific technical data sheet.

Model Name	Capacity*	Frequencies Available (Hz)	Voltage Range (V)	Ambient Temperature Range	Hot Air Discharge Direction	Control Options	Optional Extras
8100	2500kW	50, 60, 50/60	380-690V	-10°C to +50°C	Vertical	IHT, Decade switches, Site load correction, PC software, MODBUS, PC Basic	HMI, circuit breaker, anti-con heaters
8300	3300kVA	50, 60, 50/60	380-690V	-10°C to +50°C	Vertical	IHT, Decade switches, Site load correction, PC software, MODBUS, PC Basic	HMI, circuit breaker, anti-con heaters
8200	5000kW	50, 60, 50/60	380-690V	-10°C to +50°C	Vertical	IHT, Decade switches, Site load correction, PC software, MODBUS, PC Basic	HMI, circuit breakers, anti-con heaters
8400	6000kVA	50, 60, 50/60	380-690V	-10°C to +50°C	Vertical	IHT, Decade switches, Site load correction, PC software, MODBUS, PC Basic	HMI, circuit breakers, anti-con heaters

* Capacity will depend on selected Voltage and Frequency.

SIGMA CONTROL

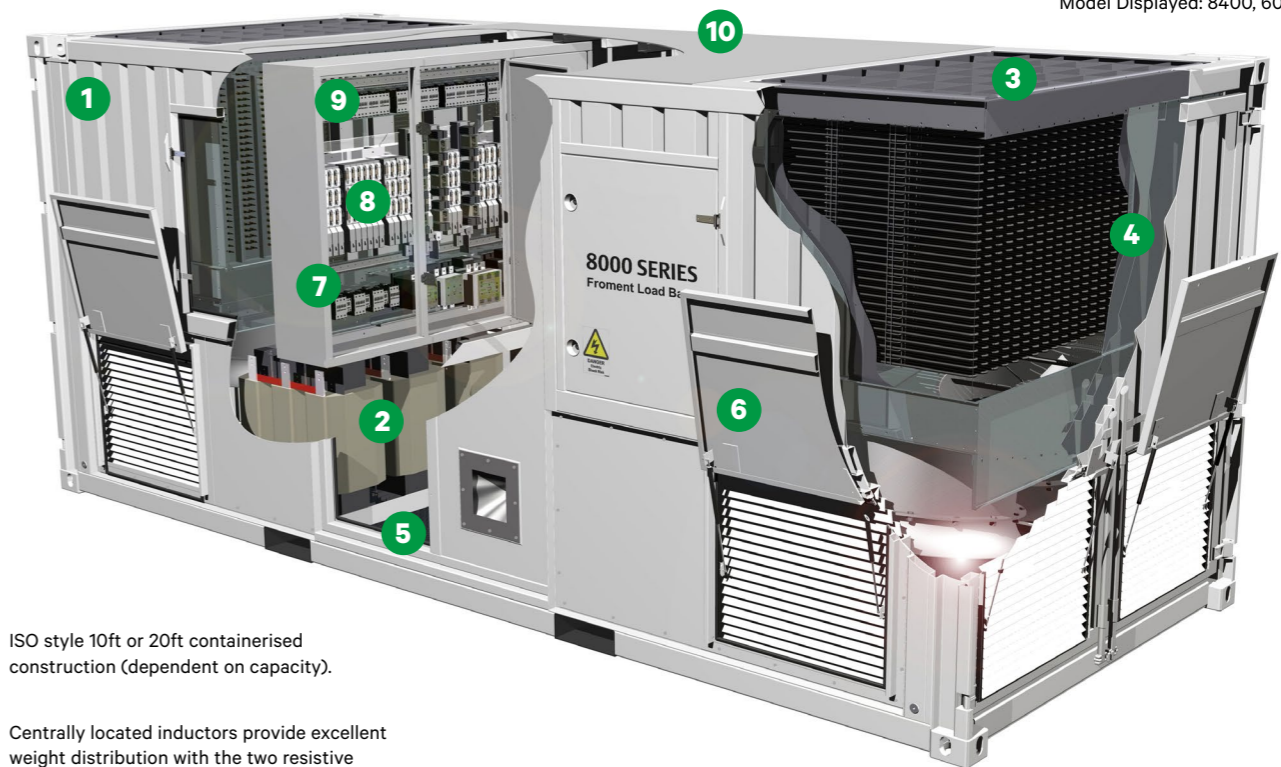
SIGMA is a multifunctional embedded load control system specifically designed for ASCO Avtron and ASCO Froment load banks. Flexible, Feature Rich and Cost Effective it is best-in-class providing a solution for any application.

SIGMA gives intelligent, fast, user friendly, accurate control and instrumentation with outstanding test features and data acquisition capabilities. It brings cost effective solutions to today's power testing requirements which require high level instrumentation, data capture and verification to ISO8528. SIGMA has the ability to network multiple load banks and control from one hand-held or PC. Alternatively, integrate SIGMA with existing BMS, Modbus or SCADA systems for unified site control. For more information please see our SIGMA control brochure.



TECHNICAL FEATURES

8000 SERIES load banks are designed and manufactured with a number of unique technical features to provide reliable and accurate load testing for any application.



Model Displayed: 8400, 6000kVA

- 1** ISO style 10ft or 20ft containerised construction (dependent on capacity).
- 2** Centrally located inductors provide excellent weight distribution with the two resistive ducts. All inductors are iron cored, vacuum impregnated with insulating varnish and thermal overload protection.
- 3** Vertical air discharge.
- 4** Double skinned discharge duct with aluminised steel heat shields.
- 5** Walk-in control room for easy access to control, switchgear and optional power circuit breakers.
- 6** Air inlet covers provide protection from dirt and moisture during transport.
- 7** Polycarbonate screens in control and switchgear enclosures protect all live parts from accidental contact.
- 8** Extensive electrical protection with HRC fuse protection for each element group and its associated contactor, control circuit, fan motor overload and load bank over heat protection. Fuses are connected directly to the bus-bar to eliminate wiring that is not fuse protected.
- 9** Rail mounted contactors allow greater load selection and fine tuning opportunities.
- 10** Many SIGMA load control options available. See our SIGMA control brochure for more information.

**PROOF OF
POWER ANYWHERE**

ASCO® Power Technologies - Froment Load Banks

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ASCO. Innovative Solutions.