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INSTRUCTIONS For installation of the suspended unit heater «OAS Series»

LOCATION OF HEATERS AND REMOTE THERMOSTATS

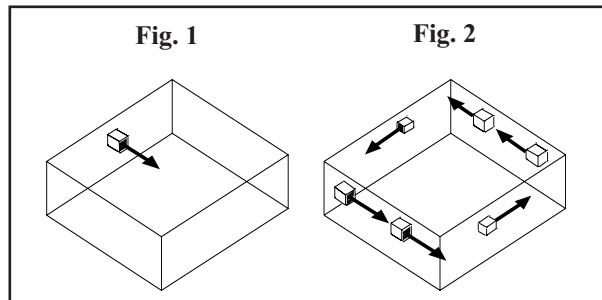
1- For best results, do not exceed mounting heights as per table below :

Maximum recommended mounting height :

2 - 10 kW	2.4 m (8 ft)
15 - 30 kW	3.0 m (10 ft)
40 - 60 kW	4.5 m (15 ft)

2- Direct discharge air streams :

- Away from room occupants.
- Away from columns, posts, machinery and partitions.
- Parallel to outside walls.
- Along the windward side of buildings exposed to prevailing winds.
- 3- Locate thermostats on interior partitions, walls or posts (insulate from cold steel posts). Install thermostats away from cold drafts, internal heat sources and from heater discharge.
- 4- Small rooms require only one unit heater. In large rooms, arrange multiple units to provide perimeter circulation as illustrated in fig. 1 and 2.



POWER SUPPLY CONNECTIONS

The power supply may be single or three phase as shown on the nameplate. The wiring diagram is on the inside of the terminal compartment cover. Wire heater in accordance with local and national codes.

TEST

- To test the unit heater, temporarily set thermostat to maximum temperature.
- Make sure that the fan rotates in the correct direction; airflow should be in the direction of the arrow such as indicated on the fig. 4.

WARNING

- Disconnect all power supplies before working on circuit.
- Do not heat air containing combustible materials.
- Mount heater out of reach.
- Install at least 61 cm (2 ft) from floor except 40 - 60 kW at least 2.4 m (8 ft) from floor.

Minimum clearance from walls and ceiling are :

2 - 10 kW	10 cm (4 in.)
15 - 30 kW	15 cm (6 in.)
40 - 60 kW	30 cm (12 in.)

OVERTEMPERATURE PROTECTION

The motor and the electric heating elements are protected against overtemperature by automatic reset thermal high-limits.

Cycling of either high-limit is an indication of abnormal operation and should be corrected at once.

LUBRIFICATION OF MOTOR

The motor includes sealed lubrication-free bearings.

MAINTENANCE

Once a year, remove the dust accumulation inside the heater using a vacuum cleaner or compressed air. Cleaning should be done while the heater is disconnected from the supply circuit.

A qualified technician should perform any other servicing.

ATTENTION

Basic precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons.

- Read all instructions before using this heater.
- Disconnect all power supplies before working on circuit.
- Do not heat air containing combustible materials.
- Mount heater out of reach.
- Install at least 61 cm (2 ft) from floor except 40 - 60 kW at least 2.4 m (8 ft) from floor.
- Do not use outdoors.
- Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire, or damage the heater.
- Do not block air intakes or exhaust in any manner.
- Heater contains arcing and sparking parts. Do not use it in areas where gasoline, paint, or flammable liquids are used or stored.
- Use this heater only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons.

WARRANTY

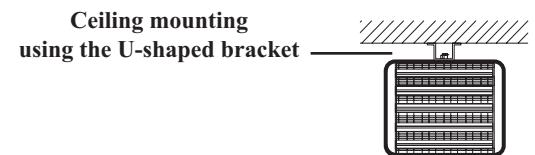
OUELLET CANADA INC. warrants the electric heating element of the OAS series for a one (1) year period ; and their component parts against defects in material and workmanship for a one (1) year period following the date of purchase, under normal use and service, when proof of purchase of such is provided to the manufacturer. The obligation of Ouellet Canada Inc., under the terms of this warranty, will be to supply a new unit and this omits the manufacturer to bear the installation costs or other secondary charges linked to replacing the unit or the component part(s).

**KEEP THIS INSTRUCTION PAMPHLET
FOR THE USER INS09-200311-03**

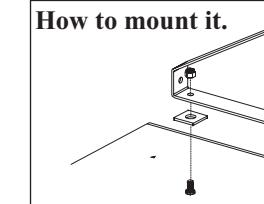


Fig. 3 - MOUNTING OAS 2-30kW

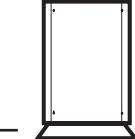
Horizontal wall or ceiling mounting using 1 or 2 supplied brackets which allow 360° rotation.



Wall mounting using the triangular bracket.



Vertical mounting using 4 threaded rods 1/2 in - 13 UNC not included



Diffuser cone available

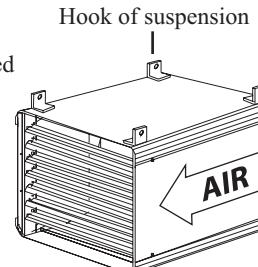


Fig. 4 - MOUNTING OAS 40-60kW

4 hooks of suspension supplied 1/2 in -13 UNC threaded rods not included

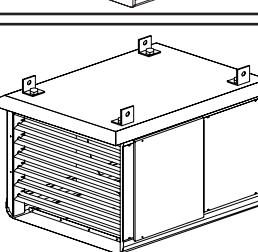


Fig. 5 - MOUNTING OAS-MD 40-60kW (Mining application)

4 hooks of suspension supplied 1/2 in -13 UNC threaded rods not included