

## Principal Features of the Mobile Minor Spray Dryer

- A - Feeding device.**
- B - Ceiling air dispenser ensures effective control of the air flow pattern. Swirling air is directed around the vaned disc atomizer.**
- C - Rotary atomizer or nozzle atomizer.**
- D - The stainless steel interconnecting pipe system can easily be stripped down for cleaning.**
- E - Steps for access to the chamber top.**
- F - Air valve for activation of the pneumatic lifting device when raising the chamber lid.**
- G - Rubber castors for unit mobility.**
- H - The powder and the exhausted drying air are separated in a highly-efficient stainless steel cyclone.**
- I - The powder is recovered in a glass jar.**
- K - Instrument panel centrally located.**
- L - Centrifugal exhaust fan with 3-phase motor.**
- M - Damper for air flow control.**
- N - The electric air heater provides drying air temperatures up to 350° C. The drying air temperature can be continuously adjusted using a percentage timer switch. Max. power consumption 7.5 kW.**

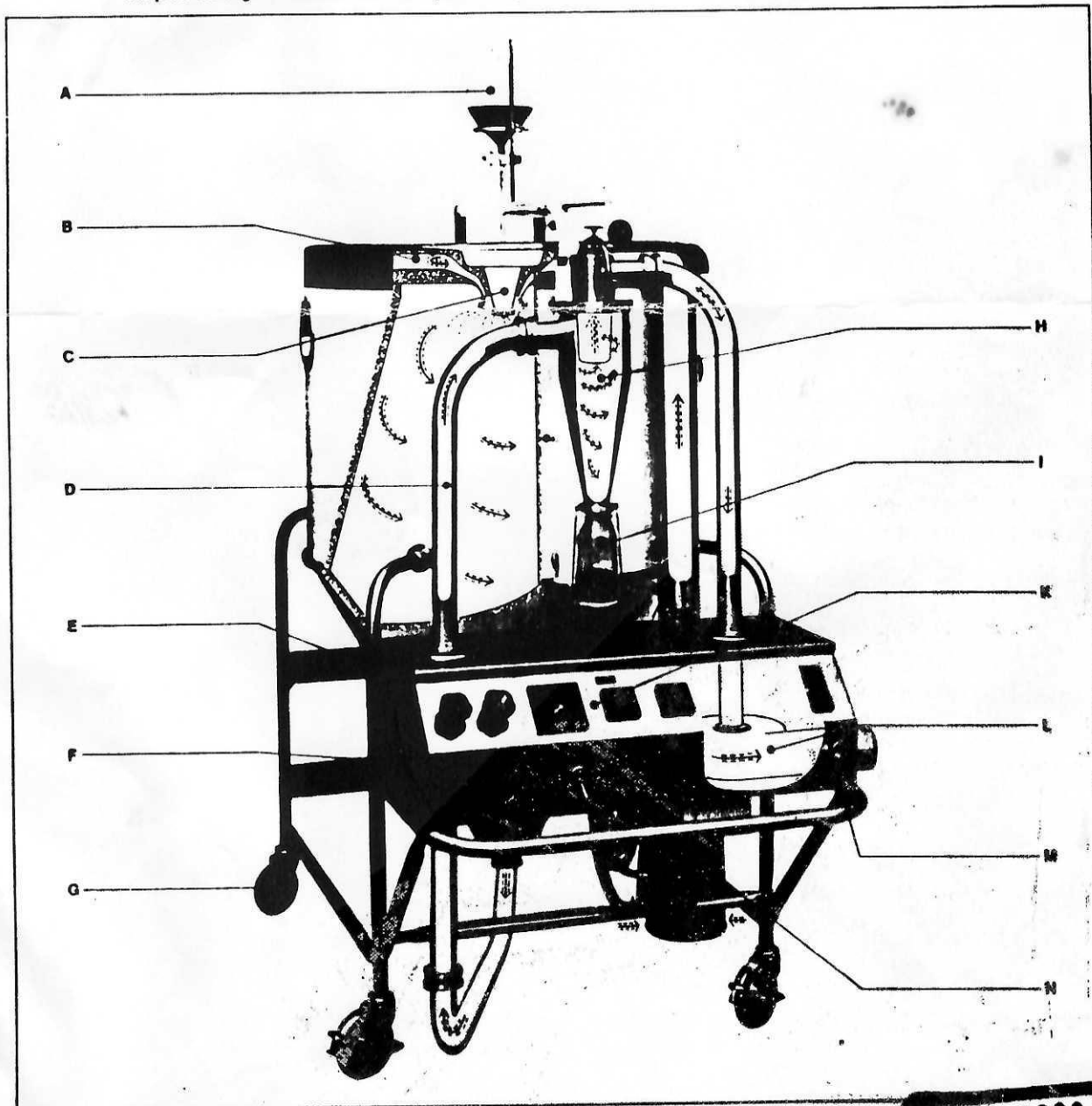
Evaporative capacity			
Drying Air	Inlet Air Temperature	Outlet Air Temperature	Evaporative Capacity
85 kg/h	150° C	80° C	1.3 kg/h
85 kg/h	170° C	85° C	1.7 kg/h
80 kg/h	200° C	90° C	2.5 kg/h
80 kg/h	240° C	90° C	3.4 kg/h
75 kg/h	350° C	90° C	7.0 kg/h

### Weight and dimension

Weight	280 kgs	620 lbs.
Length	1800 mm	5' 11"
Height	2200 mm	7' 3"
Width	925 mm	3'

**Power.** The unit can only be operated on a 3-phase power supply (50 or 60 Hz) at alternative voltages of 440, 415, 400, 380, 220, 200 V.

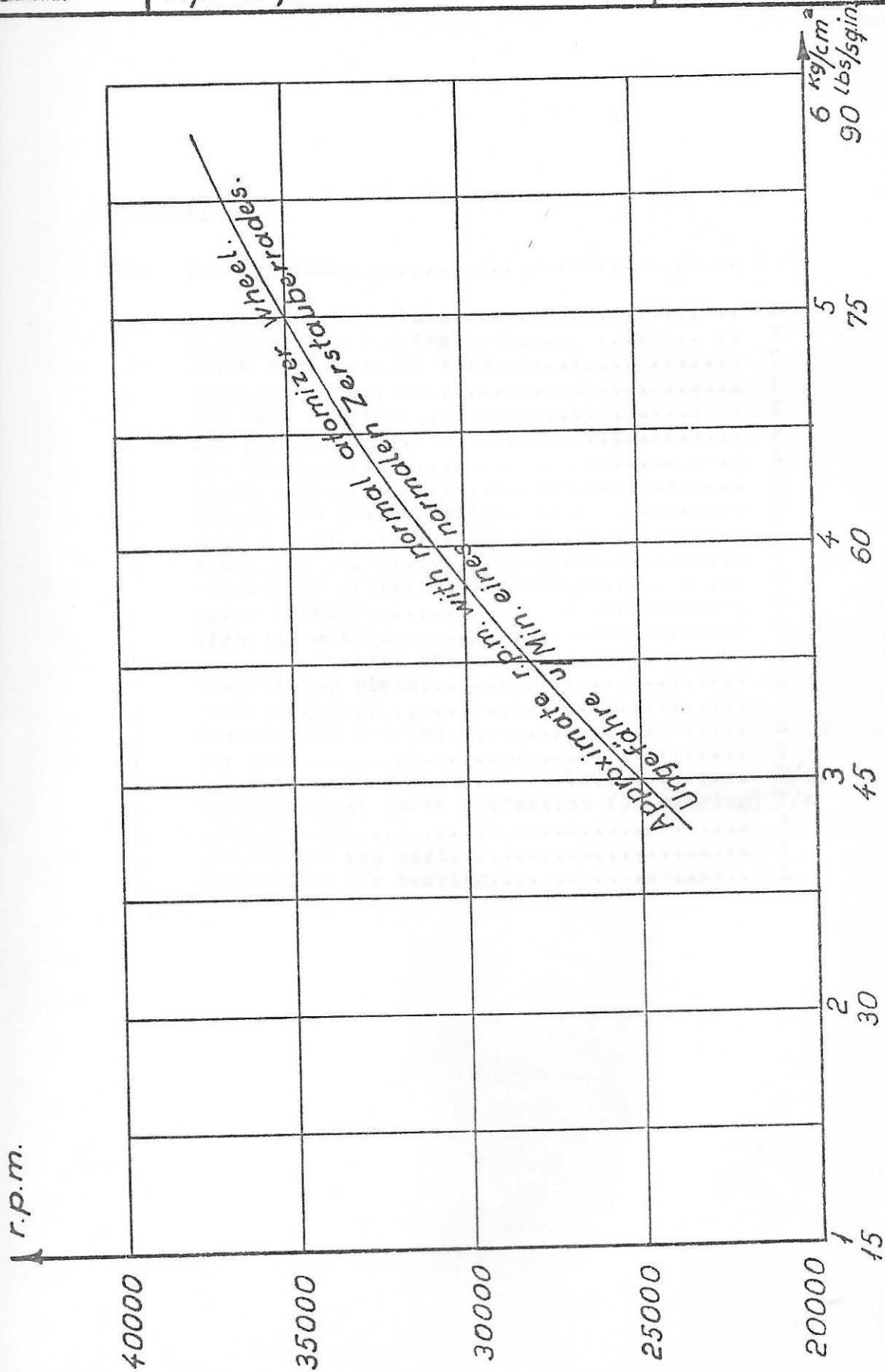
All parts coming into contact with the liquid or the product are made of acid-resistant, stainless steel AISI 316.



# Atomizers

## Minor

### Rpm.-pressure relation.



Date	Prepared	Checked	Approved	Replaces	Replaced by
G.N.N.	T.N.	Aa.M.	Aa.M.	001-3d	