

2ª ETAPA

40000 ft

35000 ft

30000 ft

25000 ft

20000 ft

15000 ft

10000 ft

5000 ft

-16°C

-8°C

0°C

+8°C

+17°C

+28°C

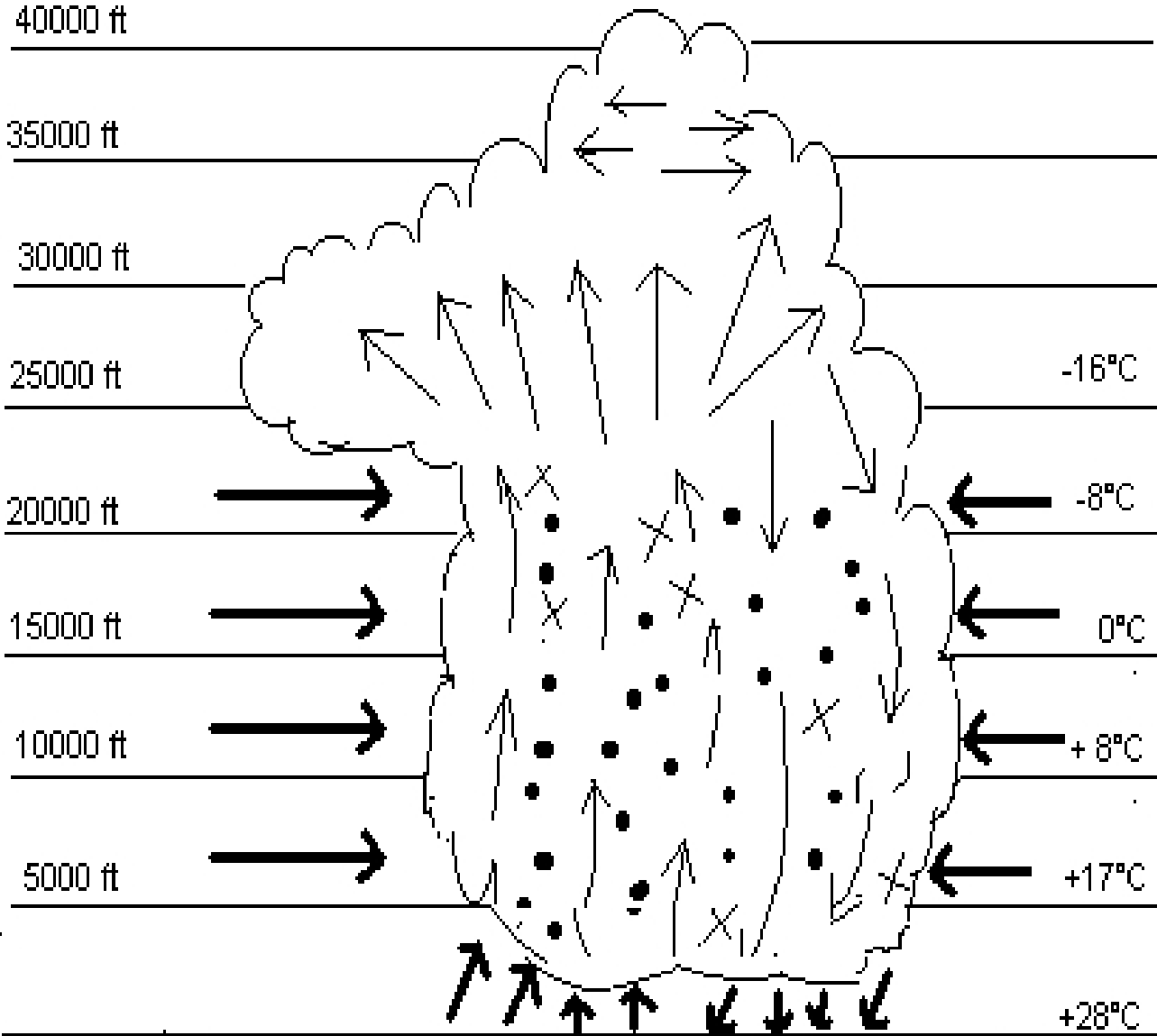


Diagram illustrating the temperature profile of a volcanic plume during the 2nd stage (2ª ETAPA). The vertical axis shows altitude in feet (ft) from 0 to 40,000 ft. The horizontal axis shows temperature in degrees Celsius (°C) from +28°C at the base to -16°C at 25,000 ft. The plume is shown as a central column of gas and ash, with arrows indicating upward flow from the base and downward flow from the top. The plume's width increases with altitude. The plume's top is at 40,000 ft. The plume's width is approximately 10,000 ft at the base and increases to about 20,000 ft at 25,000 ft. The plume's width continues to increase towards the top. The plume's top is at 40,000 ft.