

THE HUMAN RESPIRATORY SYSTEM

NASAL CAVITY

PHARYNX

LARYNX

TRACHEA

BRONCHI

LEFT LUNG

ALVEOLI

DIAPHRAGM

The Process of Inhalation

The diaphragm contracts and moves downward, increasing the space in the chest cavity. This creates a vacuum that pulls air through the nose or mouth and down into the lungs.

Gas Exchange

Oxygen enters the bloodstream through the thin walls of the alveoli, while carbon dioxide moves from the blood into the lungs to be exhaled.

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