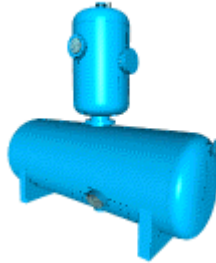


**EQUIPMENT CO., INC.****WATER TREATMENT TECHNOLOGIES****PD SERIES DEAERATORS**

**TOP PERFORMANCE\*\* HANDLES VARYING LOADS\*\*  
\*\*FOR SMALL AND MEDIUM SIZE POWER PLANTS\*\***

THE MOST POPULAR METHOD USED FOR THE REMOVAL OF FEEDWATER DISSOLVED GASES IS THE TRAY TYPE DEAERATOR.

ALTAIR'S PD SERIES TRAY DEAERATORS, PROVIDE COMPLETE DEAERATION AND HEATING, AT VARYING LOADS, STEAM PRESSURES, AND INLET WATER DISSOLVED OXYGEN CONTENT.

THE PD SERIES DEAERATORS OFFER HIGH EFFICIENCY THROUGH THE USE OF TRAYS WITH OFFSET, NARROW SLOT OPENINGS, THAT PROVIDE A LARGE AMOUNT OF SPILLING EDGE AND SURFACE CONTACT

INCOMING WATER IS SPRAYED INTO A STEAM ATMOSPHERE WHERE IT IS PRE-HEATED AND THE BULK OF DISSOLVED GASES ARE REMOVED. A PARALLEL DOWNFLOW OF STEAM AND WATER THROUGH THE TRAYS ALLOWS FOR MAXIMUM EFFECTIVE CONTACT BETWEEN STEAM AND WATER, SCRUBBING OUT THE REMAINING AMOUNTS OF DISSOLVED GASES.

THIS PARALLEL DOWNFLOW DESIGN ALSO ASSISTS IN EVEN WATER DISTRIBUTION OVER THE ENTIRE CROSS SECTION OF THE TRAY BANK, AND ELIMINATES DAMMING UP OF THE WATER, THUS ELIMINATING WATER HAMMER.

PD SERIES DEAERATORS ARE DESIGNED FOR THE MOST SEVERE OPERATING CONDITIONS. THESE UNITS ARE CONSTRUCTED TO ASME CODE SECT. VIII, AND ARE AVAILABLE WITH STORAGE TANKS DESIGNED TO MEET MOST PLANT REQUIREMENTS. ALTAIR CAN CUSTOM DESIGN ANY PD SERIES DEAERATOR TO MEET INDIVIDUAL PLANT REQUIREMENTS.

RENTAL AND LEASE TERMS AVAILABLE

**FORWARD YOUR REQUIREMENTS TO ALTAIR AT:  
VOICE: 215-672-9000 FAX: 215-682-0284  
OR - EMAIL: [AECO@ALTAIREQUIPMENT.COM](mailto:AECO@ALTAIREQUIPMENT.COM)**

***ALTAIR EQUIPMENT CO., INC***  
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