



CENTRIFUGAL FAN

CAPACITY – 20,000 CMH TO 100,000 CMH

PRESSURE - 250Pa – 3000Pa.

WASTE/MATERIAL HANDLING BLOWERS



SIZES OF AXIAL FANS UNDER PRODUCTION

Fan Diameter 900mmØ - 4,8 Blades

Fan Diameter 1000mmØ - 4,8 Blades

Fan Diameter 1120mmØ - 10 Blades

Fan Diameter 1200mmØ - 6,8 Blades

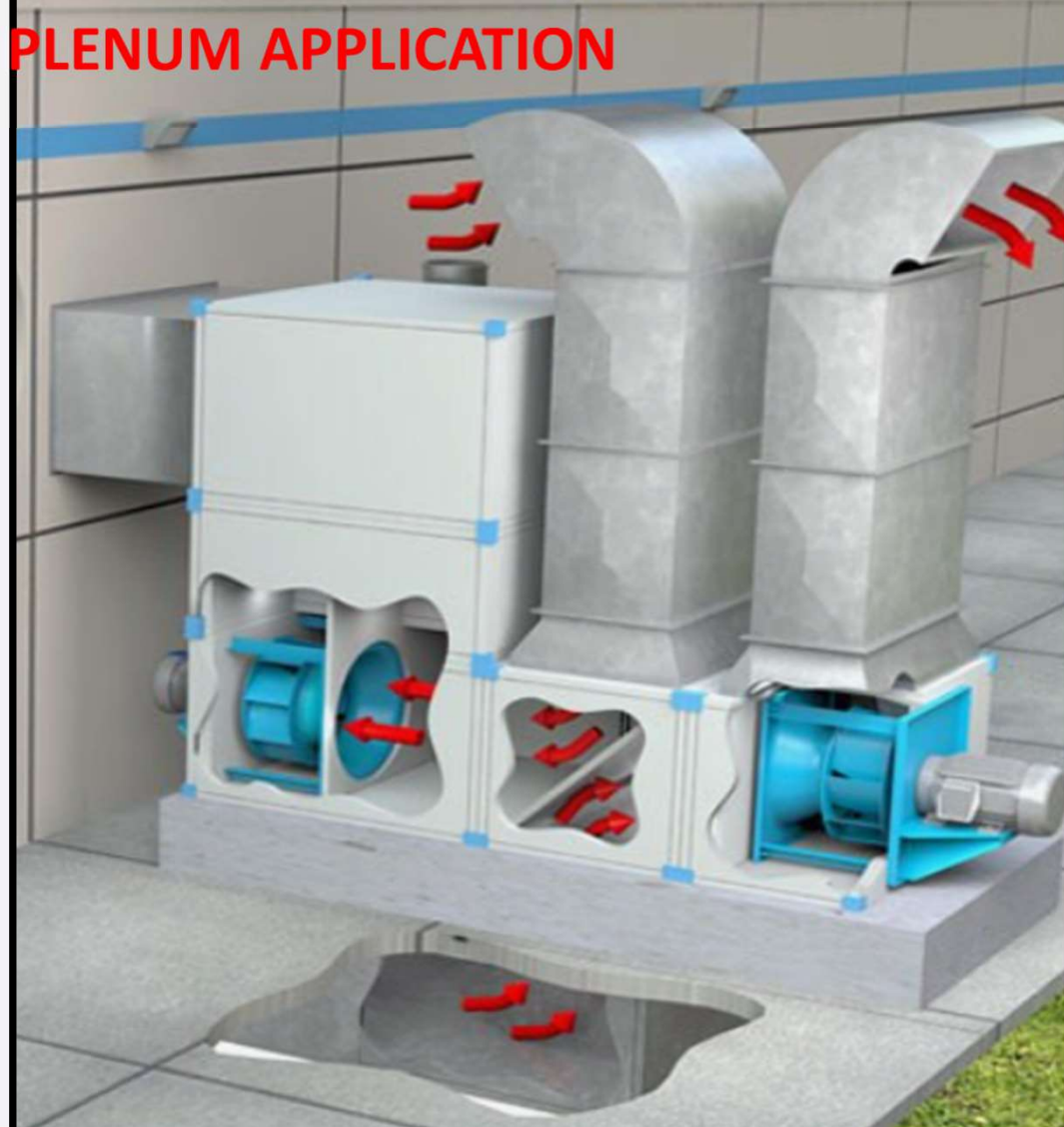
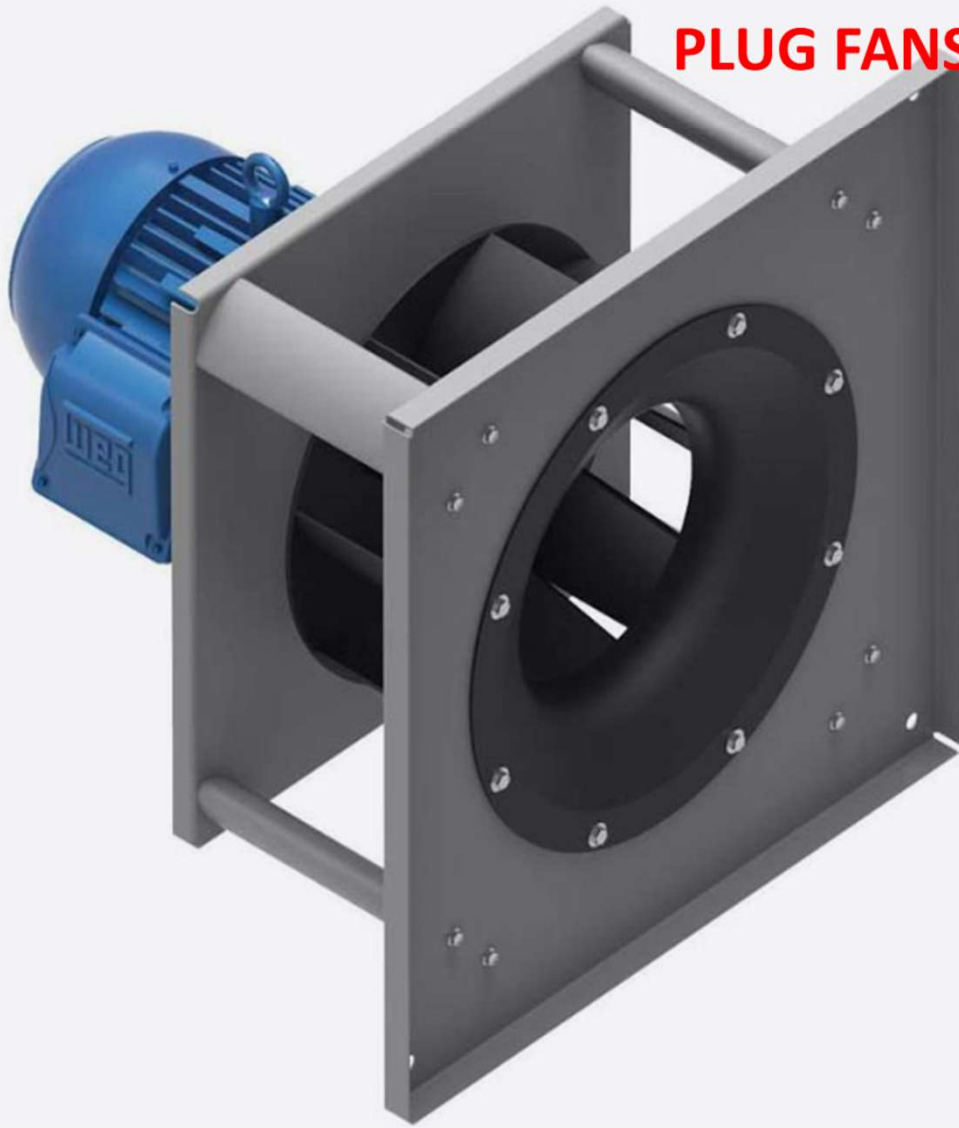
Fan Diameter 1600mmØ - 10 Blades



AXIAL FLOW FAN CASING GROUTING IN CIVIL OPENING



PLUG FANS FOR PLENUM APPLICATION



High-efficiency, EC fans used in Air Handling Units



FILTER – INSIDE CLEANING (ARMS ROTATING & TRAVERSING)



WASTE COLLECTION FILTER ASSEMBLY – UNDER PROGRESS



FILTER WITH SHEET METAL ENCLOSURE



WASTE COLLECTION FILTER WITH WASTE PIPES



ROTARY FILTER – OUTSIDE CLEANING



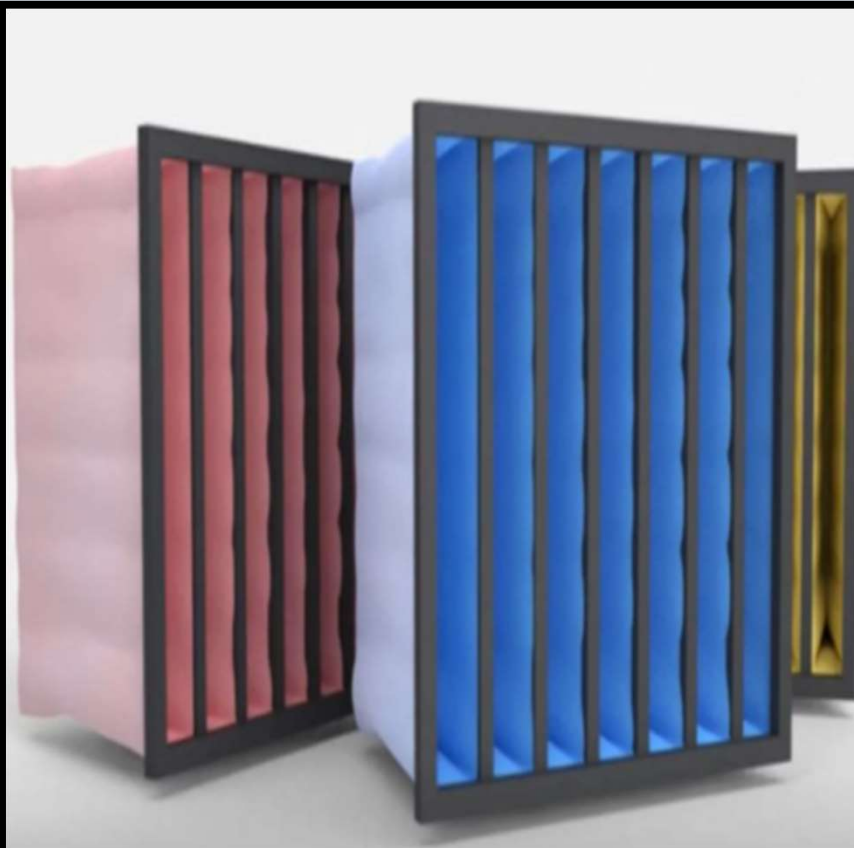
ROTARY FILTER – OUTSIDE CLEANING



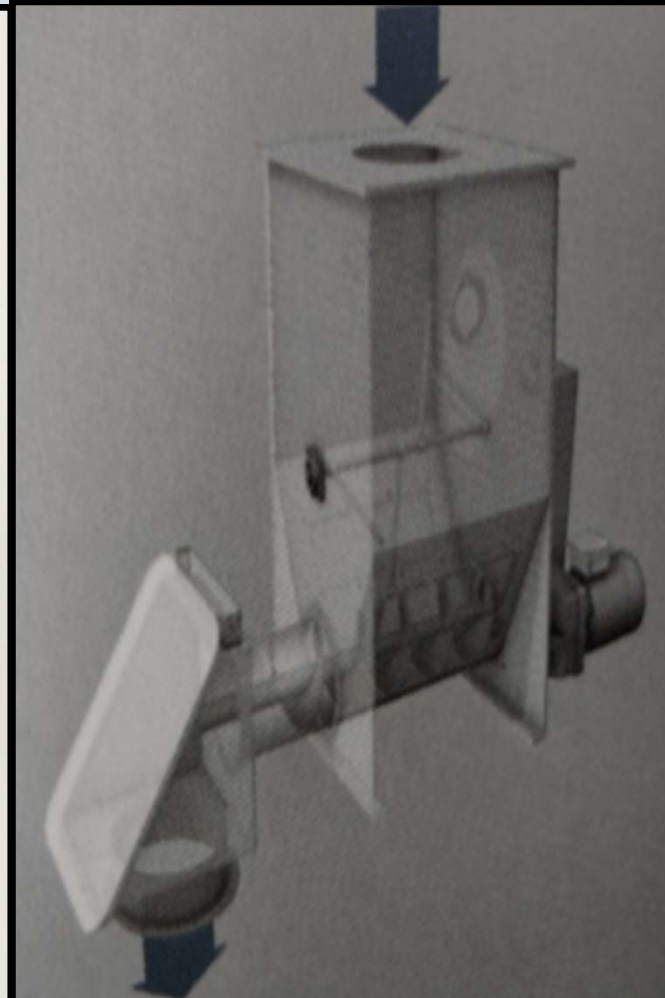
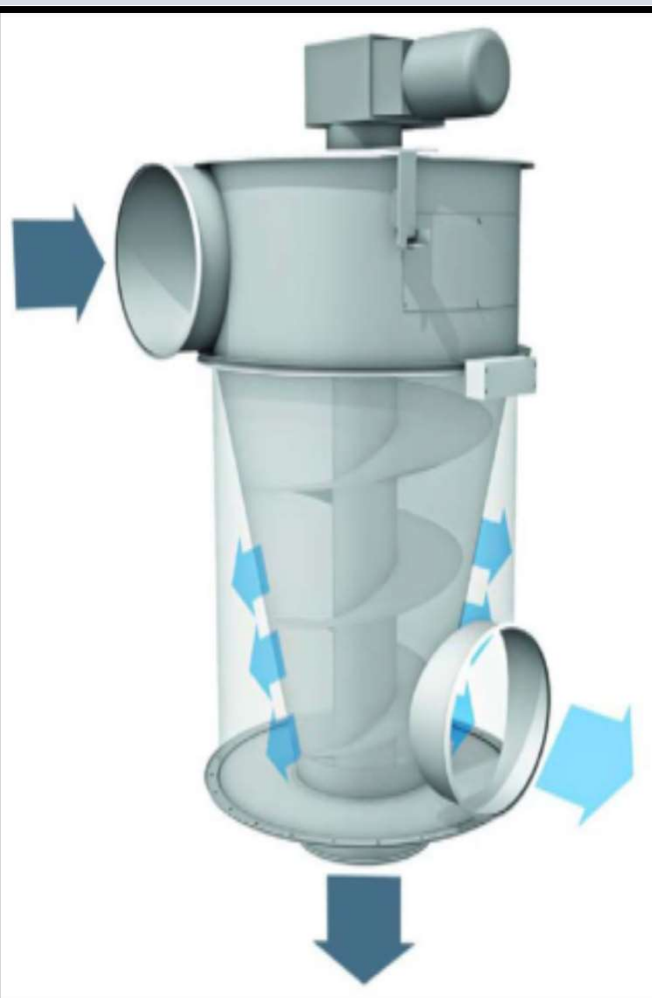
STATIC AIR FILTERS

Pre Filters - EU-3 , EU-4, EU-5.

Fine Filters -EU-9 , EU-13.



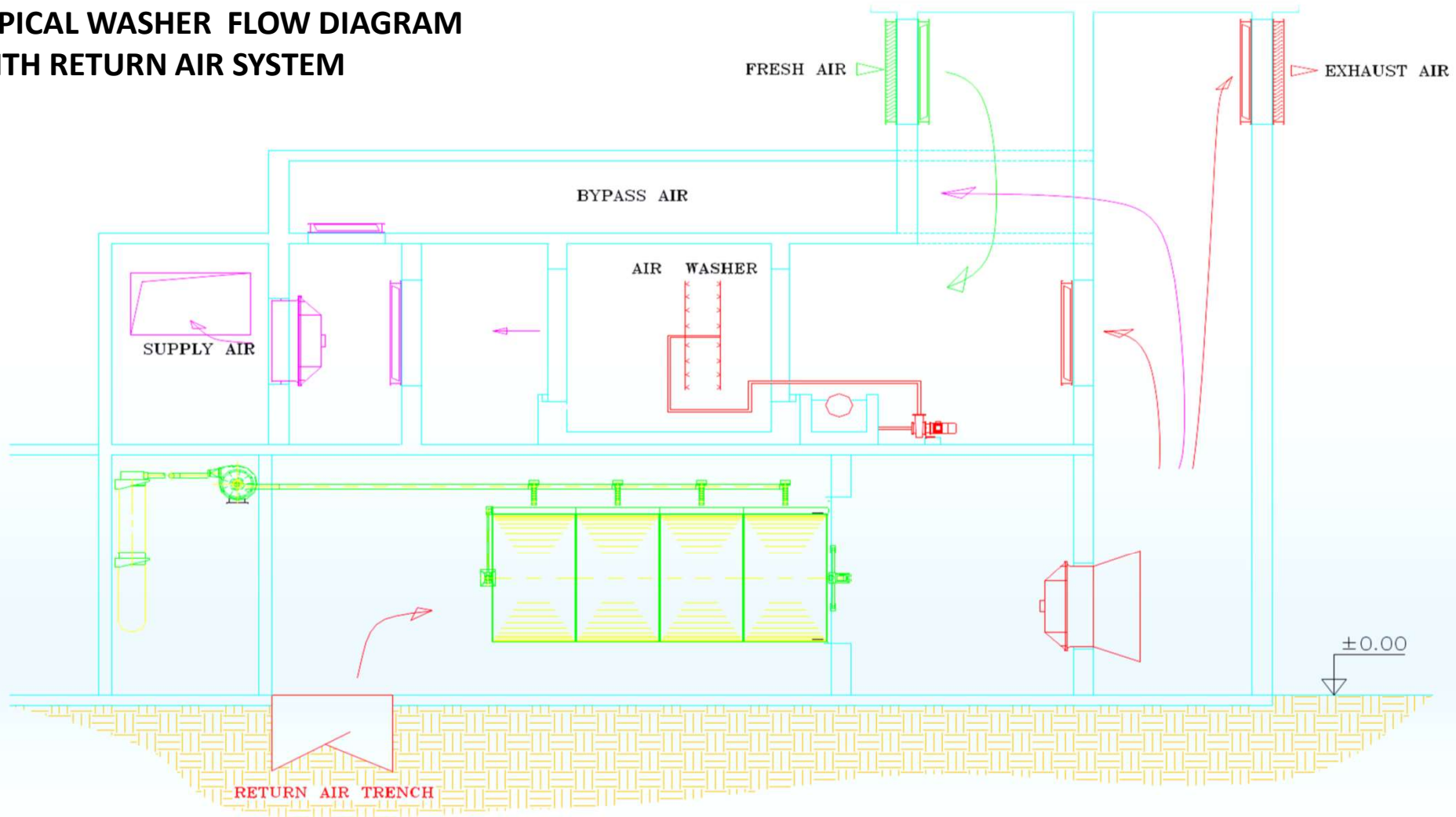
Dust Compactor & Cyclonic Separator



Air Outlets- Different Sizes & Shapes per the Application

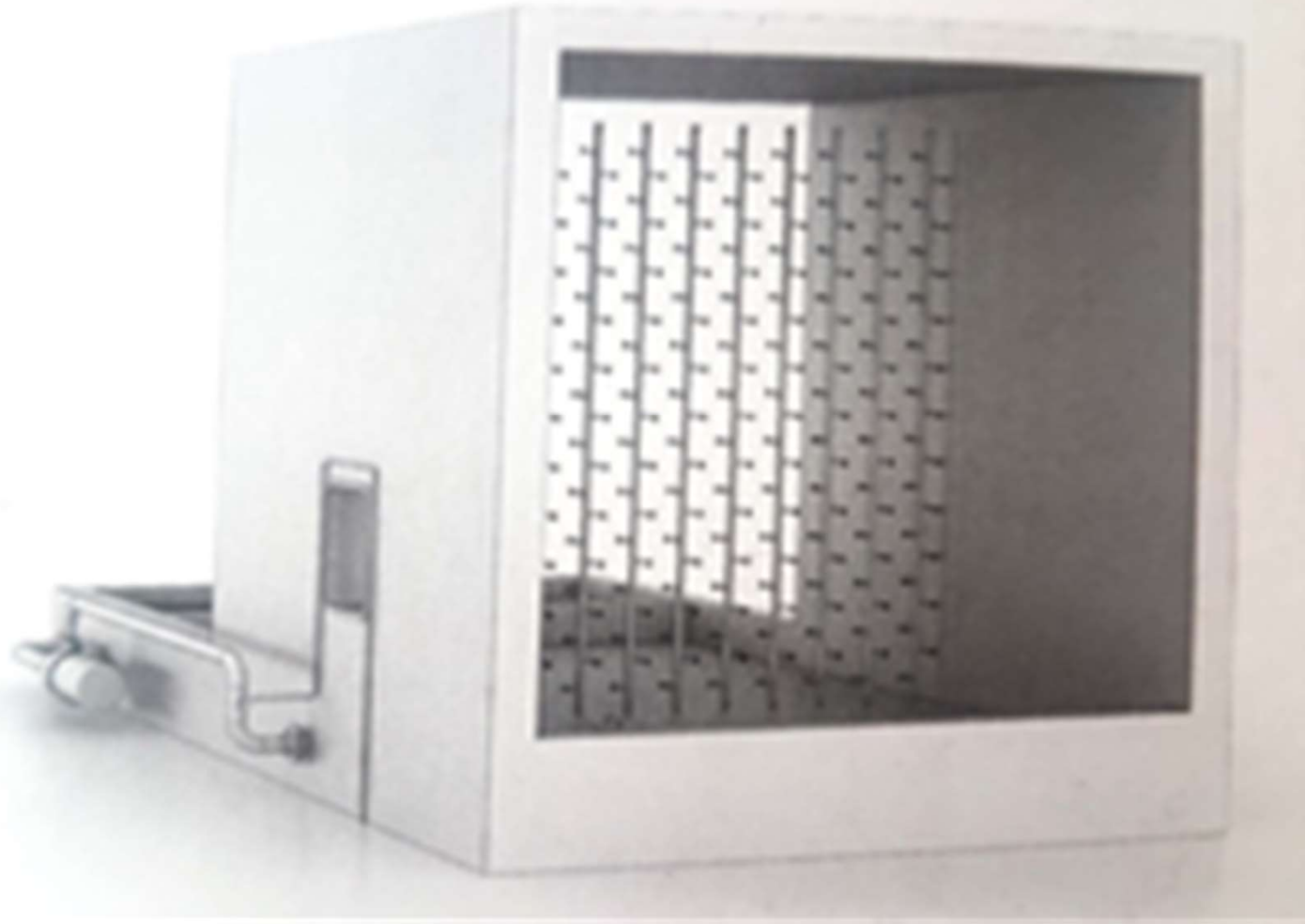


TYPICAL WASHER FLOW DIAGRAM WITH RETURN AIR SYSTEM

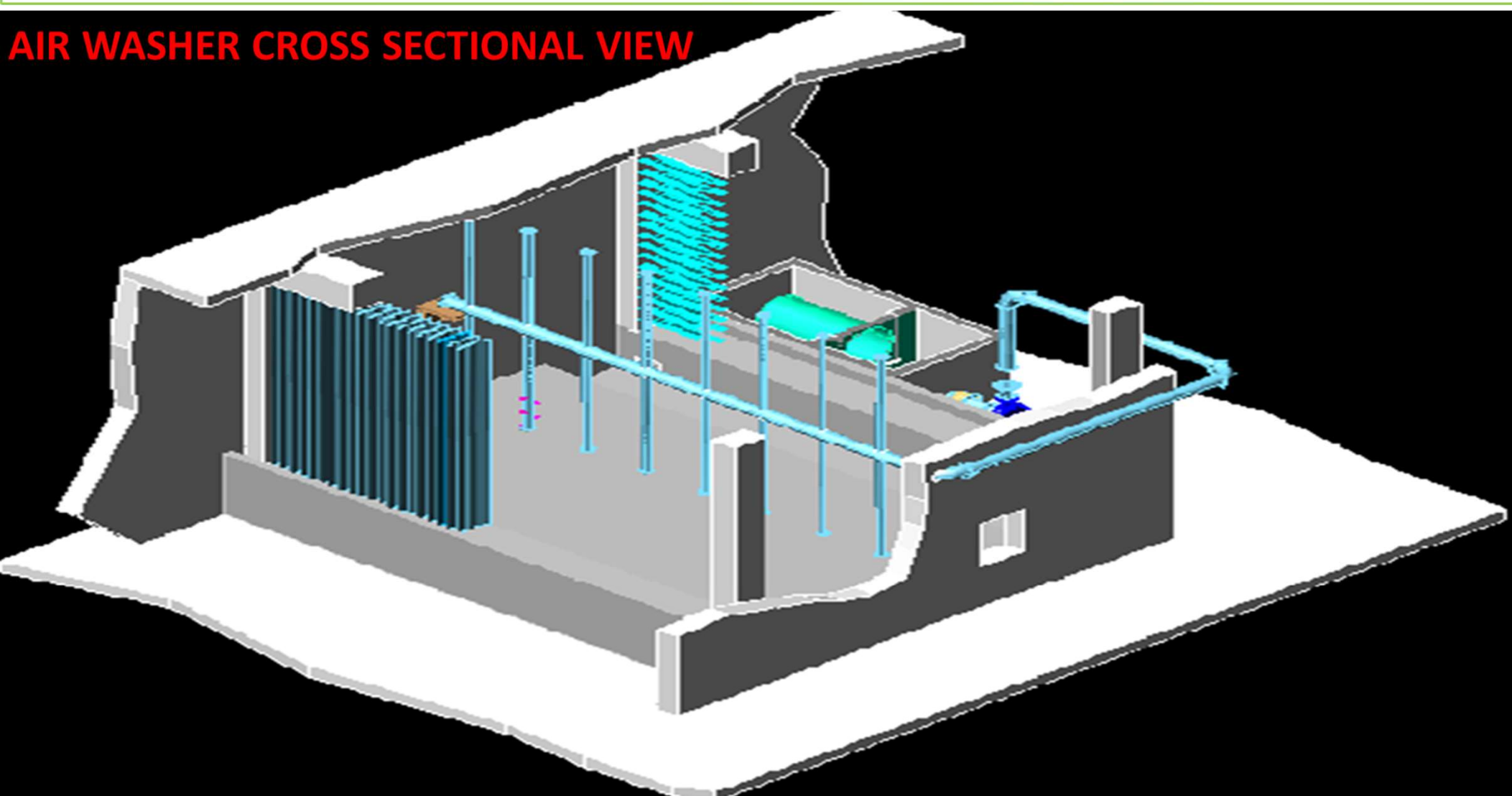


AIR WASHER ADIABATIC COOLING

TYPICAL AIR WASHER
FOR INDUSTRIAL USE
WITH PRINCIPLE OF
ADIABATIC COOLING.
IDEAL FOR TEXTILE
SPINNING INDUSTRY
WHERE MOISTURE IN
ATMOSPHERE HELPS
IN PROCESSING.



AIR WASHER CROSS SECTIONAL VIEW



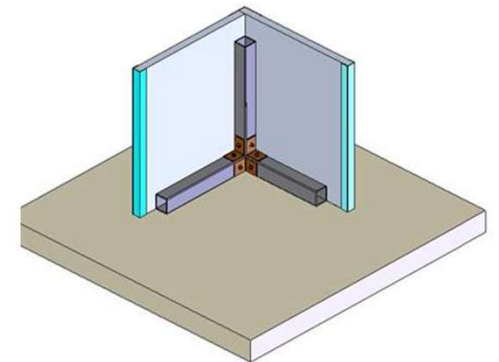
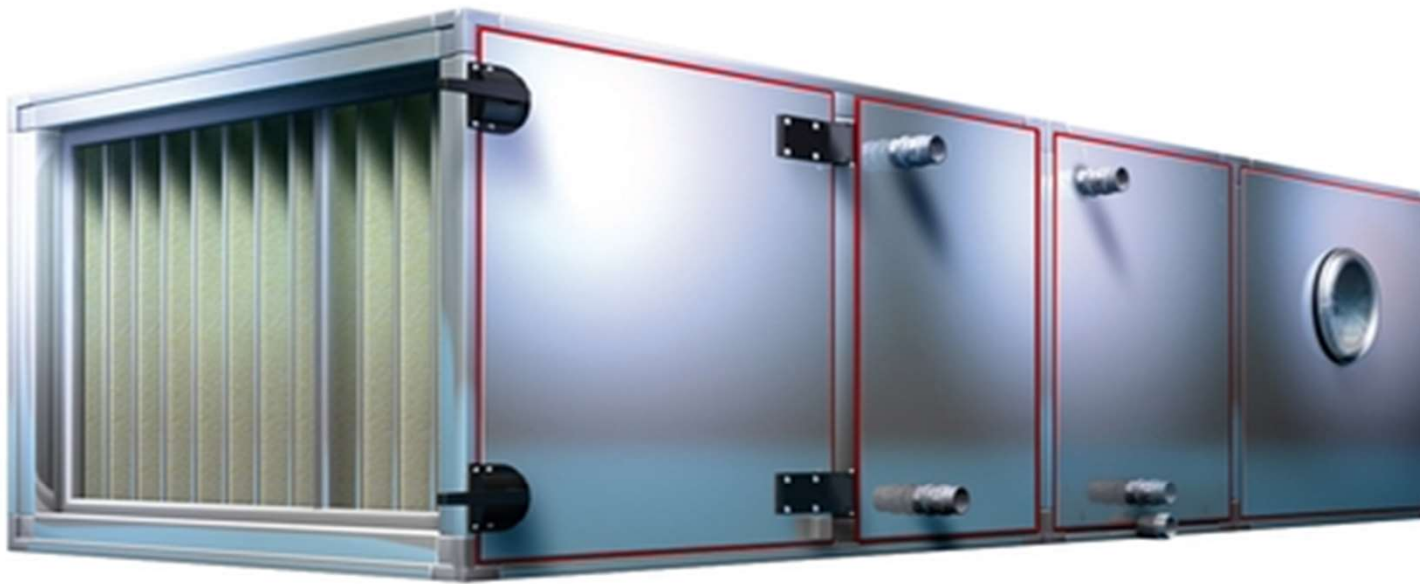
PREFABRICATED AIR HANDLING UNIT (AHU)

OPTIONS AVAILABLE

- ❖ WITH CHILLED WATER COIL
- ❖ WITH CELDEK PADS
- ❖ 2 STAGE COOLING
- ❖ WATER NOZZLE SPRAY



AHU WITH HEATING /COOLING COIL



PREFAB INSTALLATION



AIR WASHER ELIMINATOR



WASHER PIPING IN PPRC MATERIAL



BRASS SCREWS



HUMIDIFIERS



WASHER WITH DOUBLE PUMP SYSTEM



DRIVE FOR PUMP
CONTROL TO MAINTAIN
CONSTANT HUMIDITY



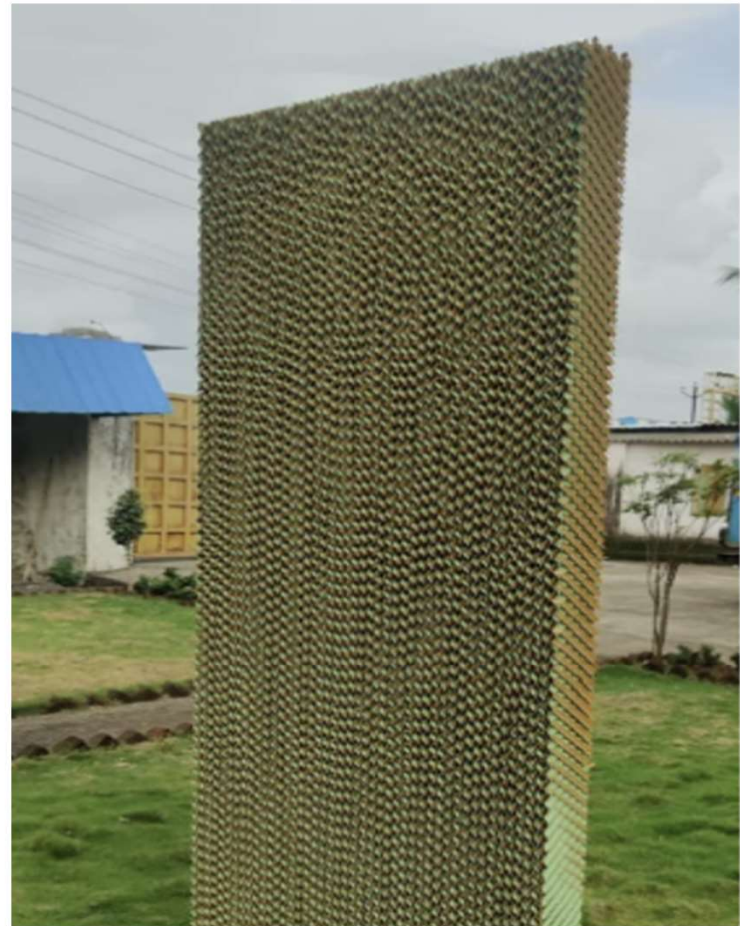
WASHER - AIR INTAKE LOUVER

AIR INTAKE LOUVER FRONT VIEW





WASHER – WITH CELDEK PADS



WASHER – FRESH AIR SYNTHETIC FILTER

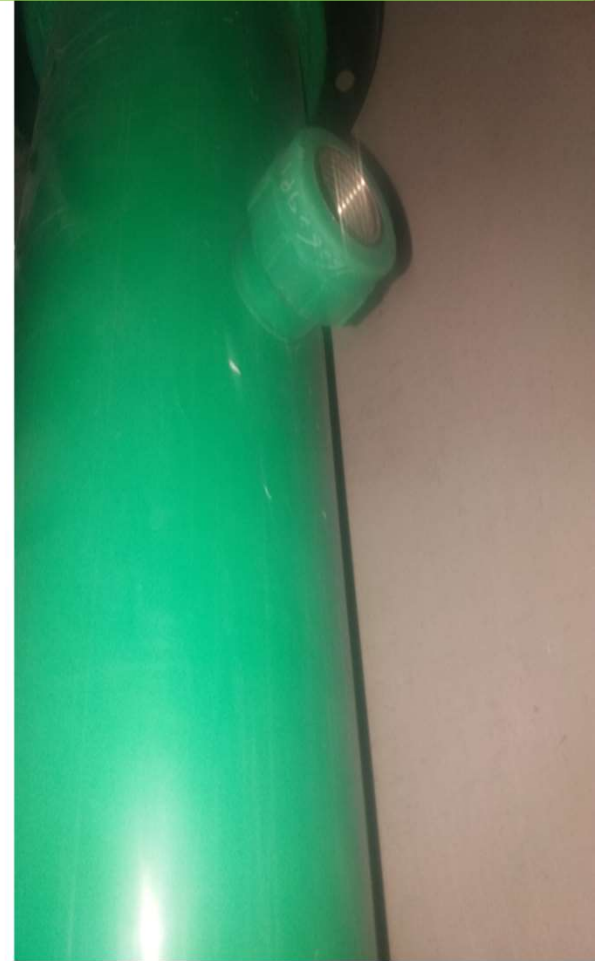


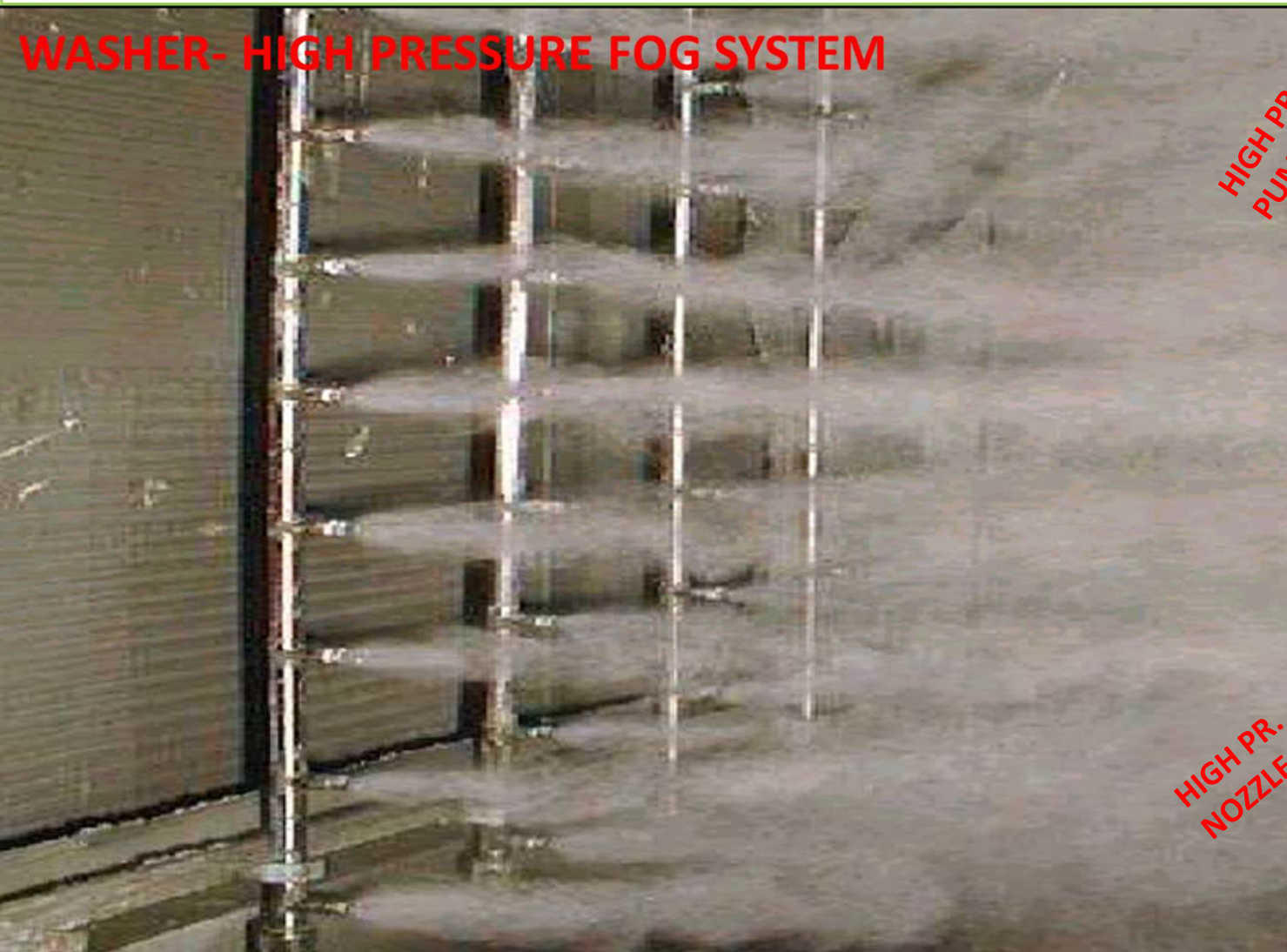
PPRC WASHER PIPING

(POLY PROPYLENE RANDOM COPOLYMER)

Advantages

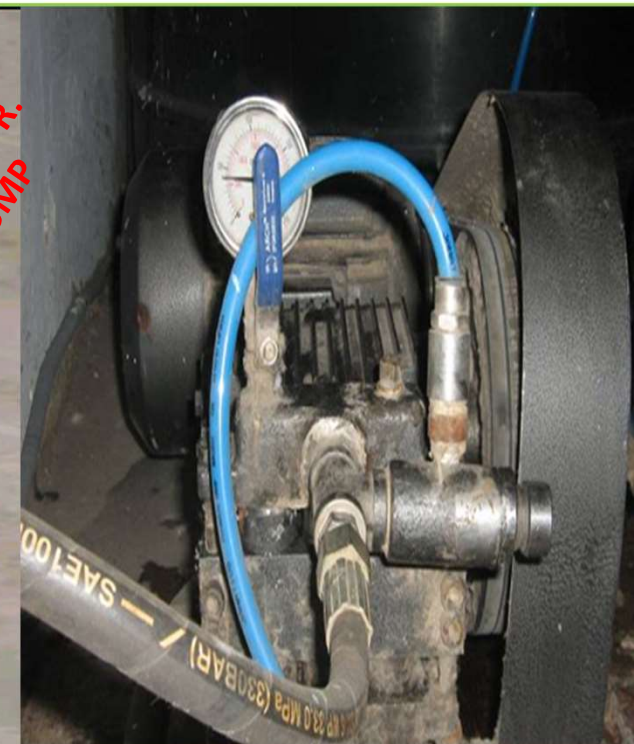
- Non corrosive material.
- Material used is Thermal FR composite
- PN-16 rating, life 25-30 years
- Brass Female nipples cold welded by fusion for fixing risers.
- Flanges used are heavy duty made from similar material
- Riser pipes have treading (brass) on one side and end cap on other for quick fixing.



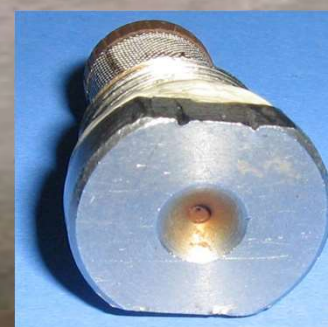
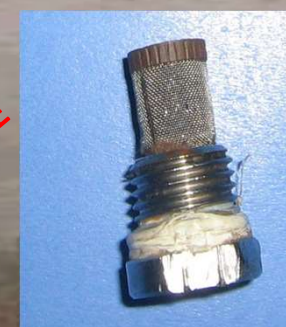


WASHER- HIGH PRESSURE FOG SYSTEM

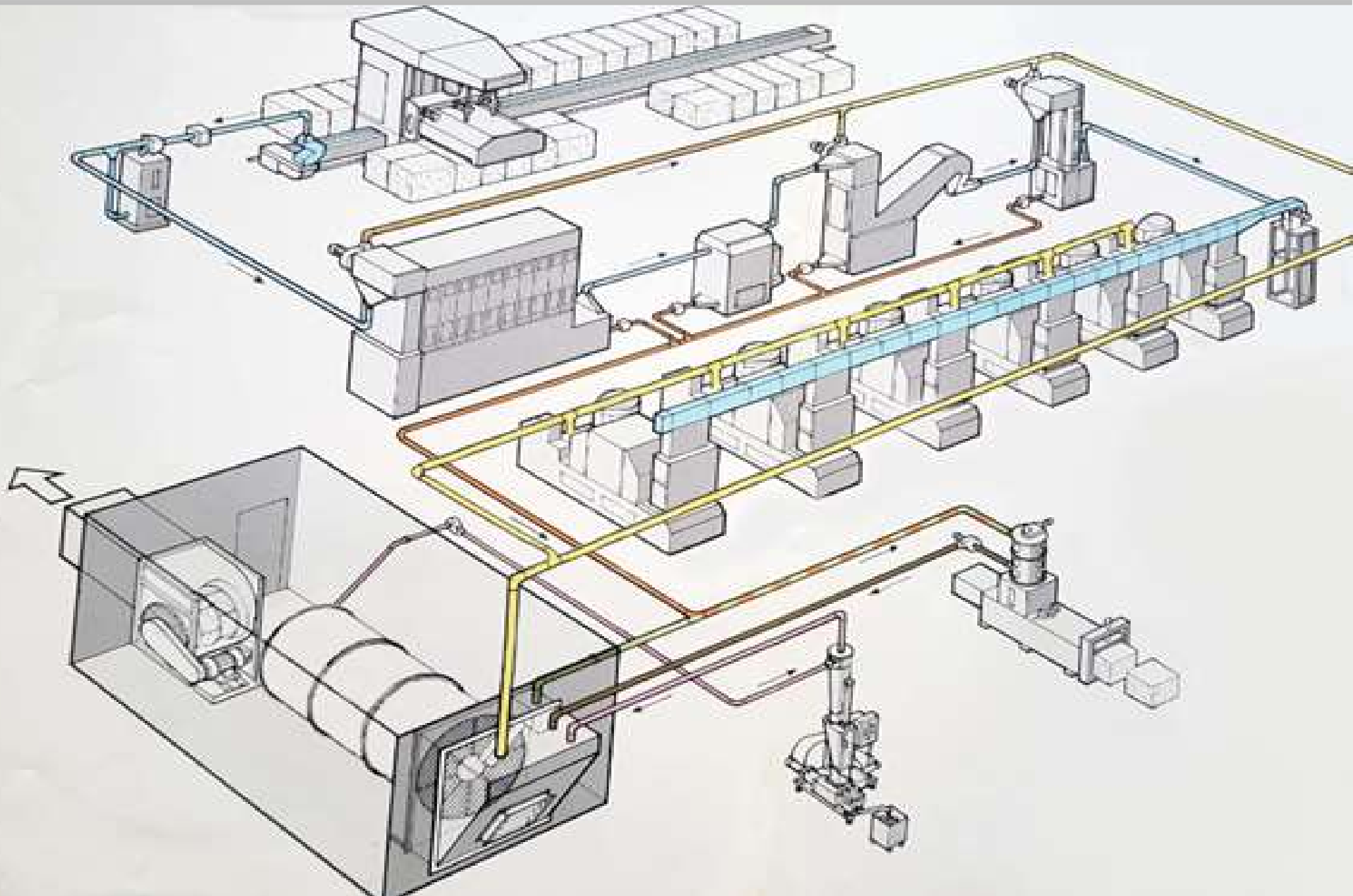
HIGH PR.
PUMP



HIGH PR.
NOZZLE



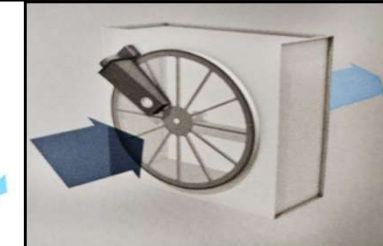
WASTE COLLECTION SYSTEM



WASTE MANAGEMENT



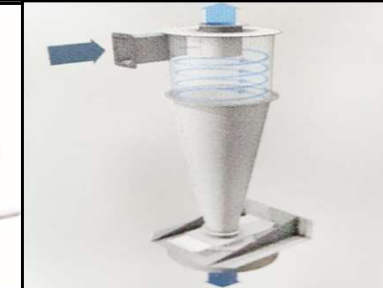
Compactor



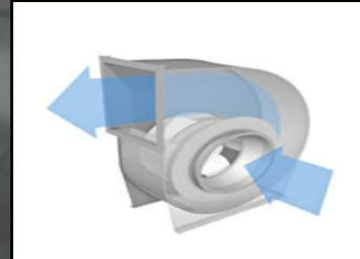
Pre Filter



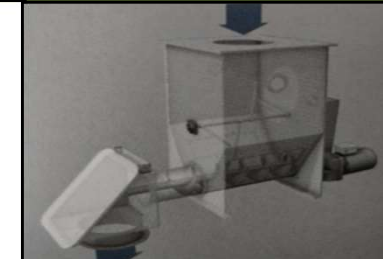
Rotary Filter



cyclone



Radial Fan



Dust Screw

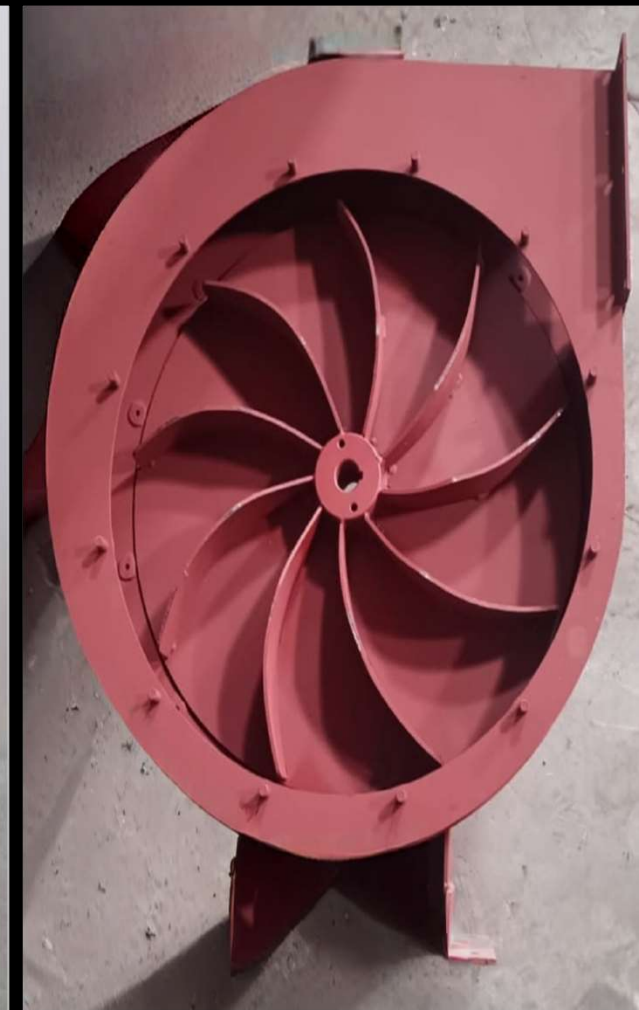
FILTER WITH SHEET METAL ENCLOSURE



CENTRIFUGAL FAN CAPACITY – 20,000 CMH TO 100,000 CMH PRESSURE - 250Pa – 3000Pa.



WASTE/MATERIAL HANDLING BLOWERS

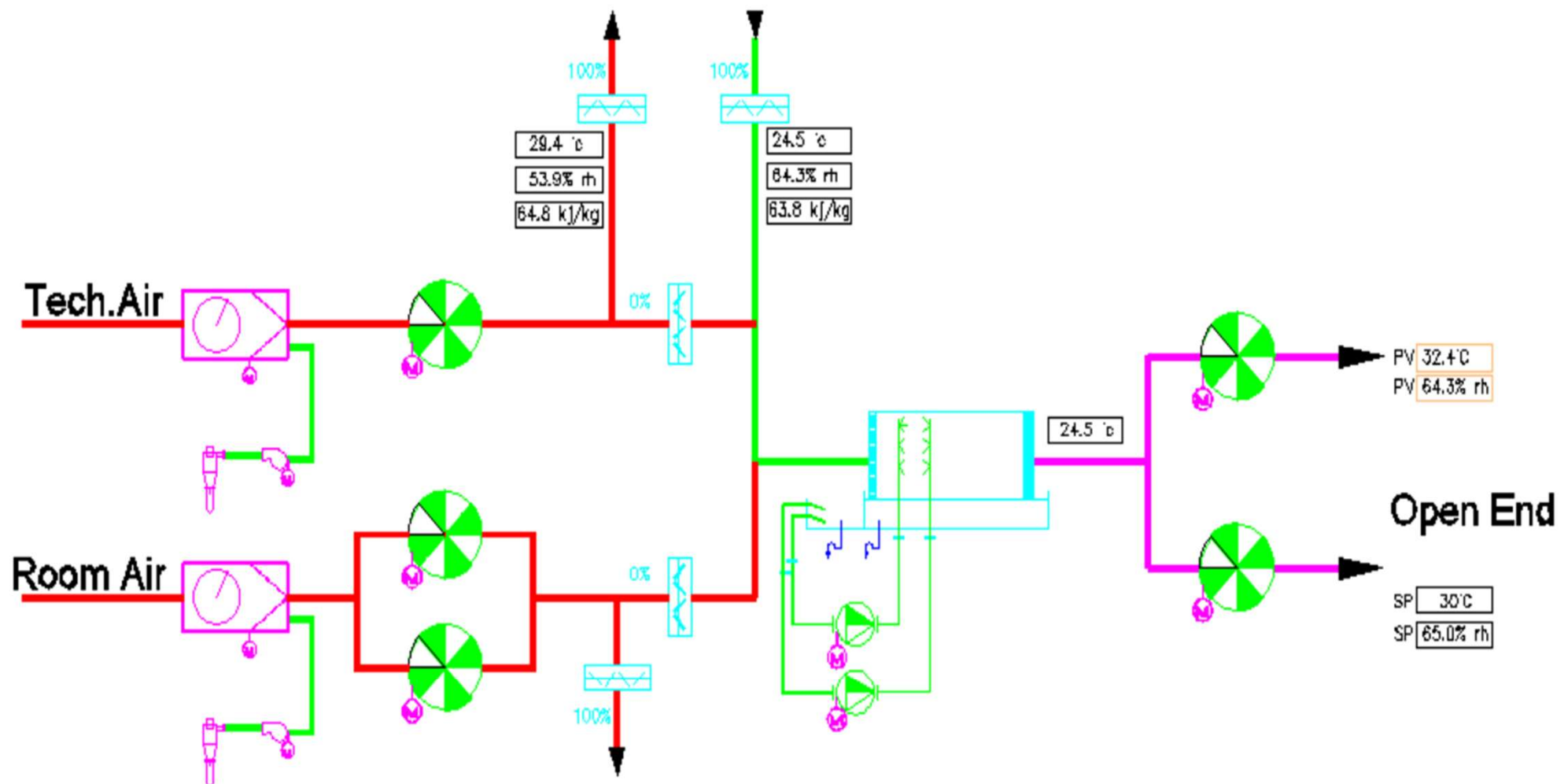


FILTER – INSIDE CLEANING (ARMS ROTATING& TRAVERSING)



Control and Automation

OPEN END PLANT WITH ROOM RETURN AND TECH AIR.



HUMIDIFICATION AND WASTE COLLECTION SPARES



NOZZLE SUPPORT PLATE



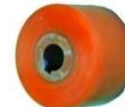
CHAIN TENSIONER



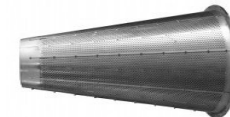
SHAFT GUIDE KEY



SHAFT KEY HOLDER



WHEEL ROLLER



COMPACTOR CONICAL CONE



COMPLETE CROSS GROOVE SHAFT



GEAR CHAIN SPROCKET



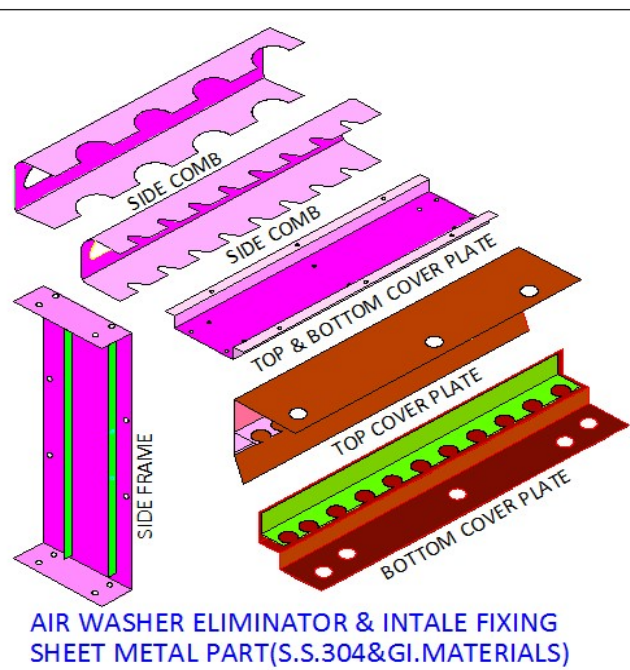
NOZZLE SUPPORT PLATE



RED ROUND BELT WITH NIPPLE



COMPACTOR DIAPHRAGM



GEAR BOX



DAMPER ACTUATOR



DOOR PARTS



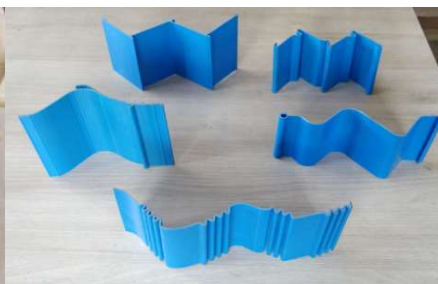
WCS NOZZLE



COMPACTOR PVC COVER



INTAKE SKRID



WATER DROP ELIMINATOR



SPRAY NOZZLE



INVERTER DRIVES



DRUM FILER FILEXIBLE PIPE



DAMPER ACCESSORIES



PRE & FINE FILTER MEDIA



DIGITAL DISPLAY



PRESS. SENSOR DPGT



PPRC/ PVC SPARY WATER PIPE



SENSORS HTT / TT RTRH

