

MOISTURE SEPARATOR (MSP-21C)

TECHNICAL INFORMATION SHEET

CAST IRON (FG 260)

CLASS / RATING : #150 | SIZE : 25 NB & 40 NB



DESCRIPTION

THE VOLFRAM CAST MOISTURE SEPARATOR IS CONSTRUCTED FROM DURABLE CAST IRON MATERIAL. THIS SEPARATOR EFFICIENTLY REMOVES MOISTURE AND CONTAMINANTS FROM STEAM, ENHANCING EQUIPMENT PERFORMANCE AND EXTENDING IT'S LIFESPAN. IT REDUCES THE RISK OF EQUIPMENT CORROSION AND BLOCKAGES, LEADING TO LOWER MAINTENANCE COSTS. ADDITIONALLY, IT PROMOTES A CLEANER, SAFER WORKING ENVIRONMENT BY PREVENTING WATER CARRYOVER, WHICH CAN DAMAGE DOWNSTREAM EQUIPMENT. THIS CAST MOISTURE SEPARATOR'S DEPENDABLE PERFORMANCE AND QUALITY, MAKING IT A VALUABLE ASSET FOR INDUSTRIES STRIVING FOR OPTIMAL STEAM SYSTEM OPERATION.



MOISTURE SEPARATOR (MSP - 21C)

FEATURES

- THE ROBUST CASTED DESIGN REDUCES THE NEED FOR FREQUENT MAINTENANCE, RESULTING IN REDUCED DOWNTIME AND OPERATIONAL COSTS.
- CAST IRON'S STABILITY AND RELIABILITY CONTRIBUTE TO THE CONSISTENT PERFORMANCE OF THE SEPARATOR, ENSURING EFFICIENT MOISTURE REMOVAL OVER TIME.
- THE DURABLE CASTED DESIGN MINIMIZES THE RISK OF MECHANICAL FAILURE OR DAMAGE, PROMOTING UNINTERRUPTED OPERATION.
- THE CAST IRON CONSTRUCTION HELPS MAINTAIN OPTIMAL HEAT TRANSFER EFFICIENCY, LEADING TO IMPROVED ENERGY EFFICIENCY AND COST SAVINGS.

CERTIFICATION :

THESE SEPARATORS ARE AVAILABLE WITH IBR CERTIFICATION (INDIAN BOILER REGULATIONS).

SIZES & CLASS / RATINGS

- AVAILABLE SIZES : 25 NB, 40 NB.
- AVAILABLE CLASS : #150
- END CONNECTION : FLANGED ENDS (ASME B16.5)

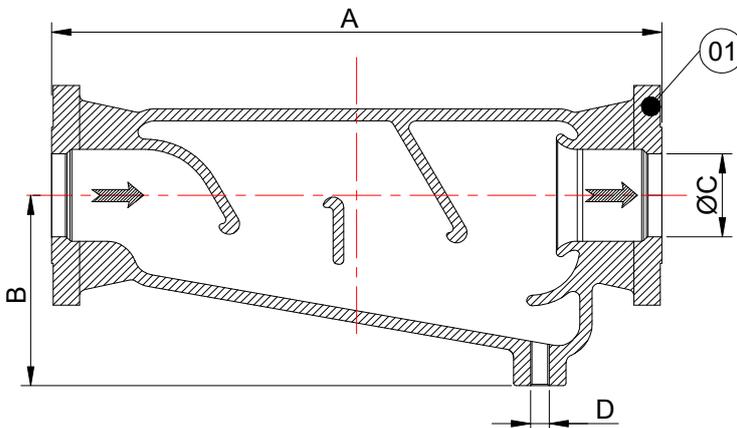
BILL OF MATERIAL

SR. NO.	PARTS	MATERIAL
01	BODY	FG 260

DIMENSIONS(MM)

SIZE (NB) CLASS	A	B	C	D	APPROX WEIGHT (KG)
25 #150	345	110	25	15NB	10
40 #150	380	110	40	15NB	11

ALL DIMENSIONS ARE IN MM(GENERAL TOLERANCE ±2MM)



OPERATING CONDITIONS

RATING	MAXIMUM OPERATING PRESSURE	MAXIMUM OPERATING TEMPERATURE
#150	13.25 Kg/cm ²	230°C

HYDRO TEST PRESSURE (AS PER IBR) :

#150	20 Kg/cm ² @ 30°C
------	------------------------------

INSTALLATION :

INSTALL IN A HORIZONTAL PIPELINE WITH THE DRAIN DIRECTLY BELOW. MAKE SURE THAT THE DIRECTION ARROW ON THE BODY IS IN THE REQUIRED FLOW DIRECTION.

NOTE:

TO ENSURE THAT ANY SEPARATED LIQUID IS DRAINED AWAY QUICKLY, A SUITABLE STEAM TRAP MODULE MUST BE CONNECTED TO THE DRAIN CONNECTION.

*FOR MORE DETAILS CONTACT VOLFRAM SYSTEMS.

* NOTE.: WE RESERVE THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT PRIOR NOTICE FOR THE DEVELOPMENT AND IMPROVEMENT OF THE PRODUCT. PAGE.: 01 OF 01



VOLFRAM SYSTEMS INDIA PVT. LTD.

OFFICE ADDRESS : 402, RUTUVIHAR, VARANASI SOCIETY, WARJE, PUNE, 411058

FACTORY ADDRESS : D II, BLOCK NO. 58&59- 13/14/15, OPP. SPACO CO., SANT

DYANESHWAR INDUSTRIAL ESTATE, MOHAN NAGAR, MIDC CHINCHWAD, 411019

Tel.: +91 9309534688 | Email: steam@volfram.in | www.volfram.in

V0 NOV 2023