

bit DEPURATOR

Coalescing mini-depurator

- Space saving
- Minimum load loss as the flow rate varies
- All-round condensate level viewing



UNITS

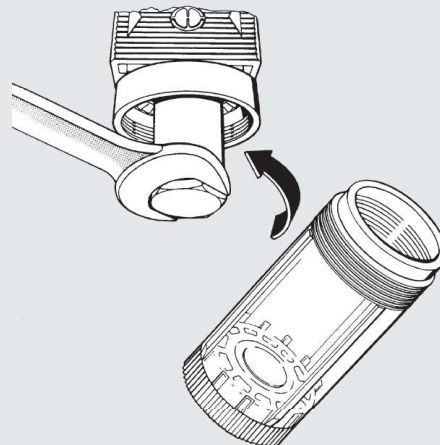
bit DEPURATOR

TECHNICAL DATA

		DEP BIT 1/8"	DEP BIT 1/4"
Threaded port		1/8"	1/4"
Degree of purification		99.97% 0.01 μm	
Max. inlet pressure	MPa	1.3	
	bar	13	
	psi	188	
Suggested flow at 6 bar	Nl/min	200	
	scfm	7	
Maximum suggested flow rate		See next page	
Max temperature at 1 MPa; 10 bar; 145 psi	$^{\circ}\text{C}$	50	
	$^{\circ}\text{F}$	122	
Weight	g	65	
Wall fixing screws		M4 by means of the bracket provided	
Bowl capacity	cm^3	16	
Mounting position		Vertical	
Condensate drain		RMSA: drain with manual condensate discharge and automatic discharge at zero pressure.	
Fluid		Filtered 5 μm compressed air	
Notes		A It is advisable to mount a 5 m filter upstream the depurator acting as a rough filter.	

USE AND MAINTENANCE

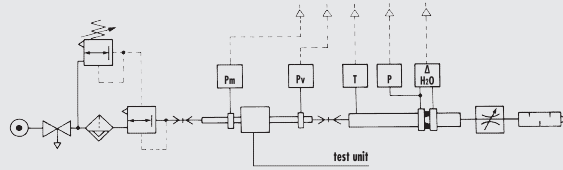
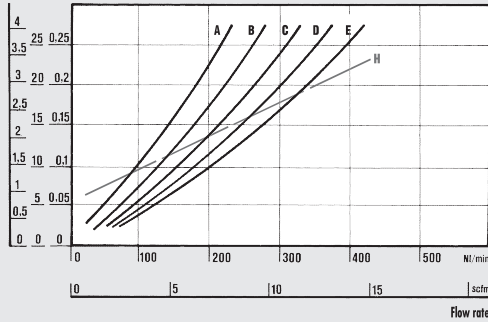
When replacing the coalescing cartridge, unscrew the bowl and then unscrew the screen of the cartridge assembly. Then replace the cartridge. Use a no. 3 compass spanner to unscrew the bowl.



FLOW CHARTS

DEP

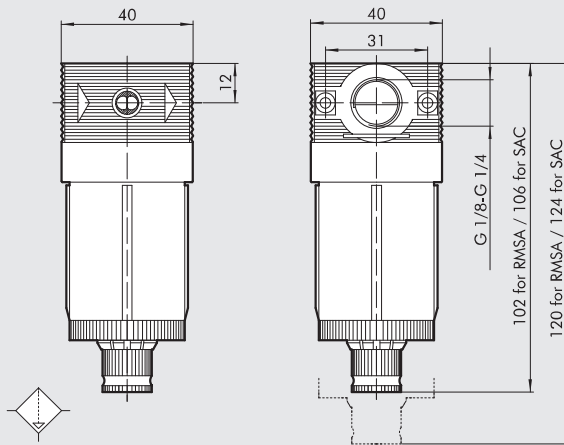
$\Delta P = (P_m - P_v)$
psi kPa bar



• Flow tests carried out at the Department of Mechanics, Turin Polytechnic, using the computerized test bench following CETOP RP50R recommendations (ISO DIS 6358-2-approved) with ISO 5167 diaphragm gauge.

- (A) = 2 bar - 0.2 MPa - 29 psi
- (B) = 4 bar - 0.4 MPa - 58 psi
- (C) = 6 bar - 0.6 MPa - 87 psi
- (D) = 8 bar - 0.8 MPa - 116 psi
- (E) = 10 bar - 1 MPa - 145 psi
- (H) = maximum flow rate recommended for optimal operation

DIMENSIONS



ORDERING CODES

Code	Description
5112001	DEP BIT 1/8 RMSA
5212001	DEP BIT 1/4 RMSA

SYNOPTIC, SIZES AND VERSIONS

DEP ELEMENT	BIT SIZE	1/8 THREADED PORT	RMSA CONDENSATE DRAIN
DEP	BIT	1/8 1/4	RMSA

RMSA: drain with manual condensate discharge and automatic discharge at zero pressure.