

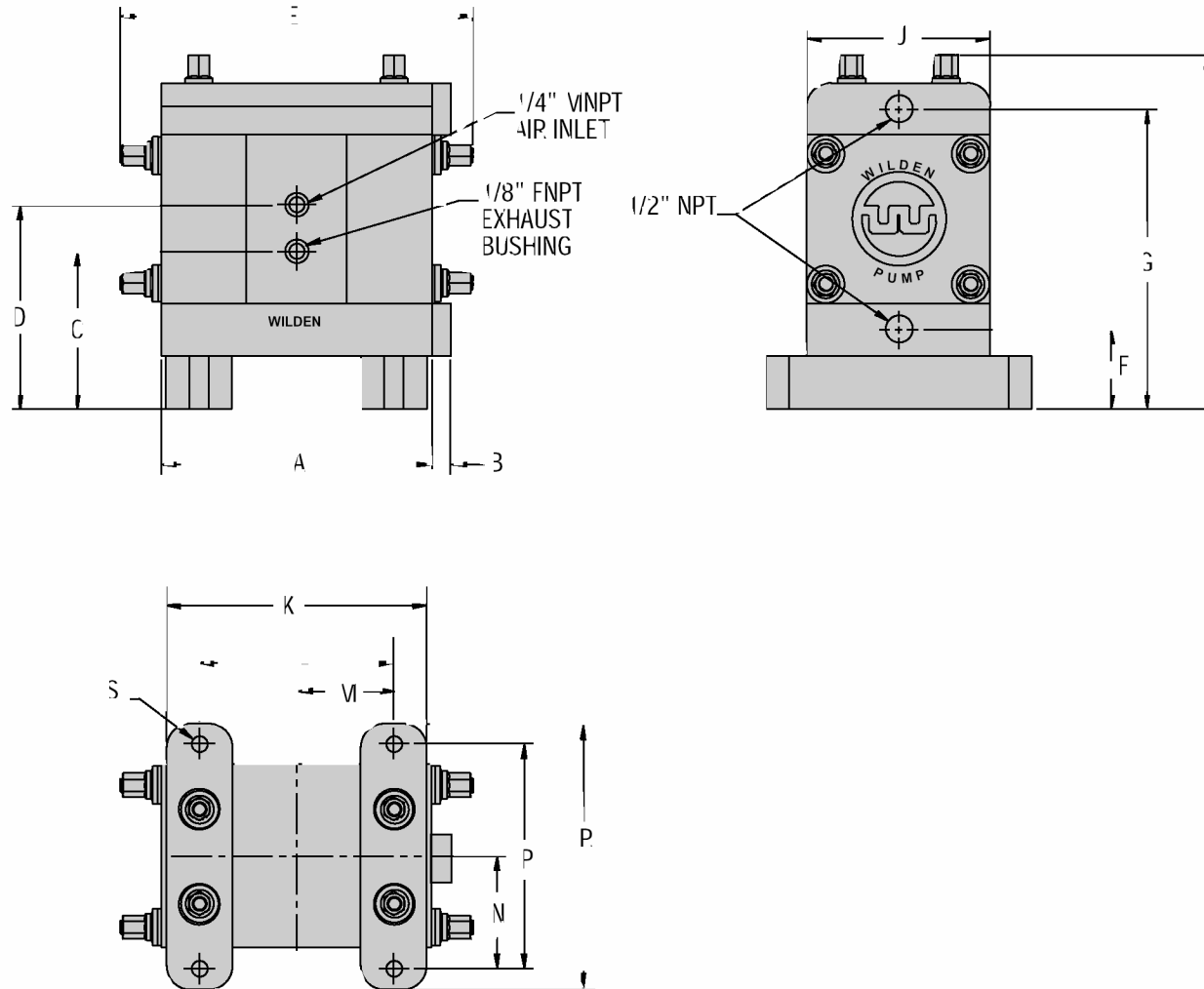
TECHNIQUES DES FLUIDES

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WILDEN MODEL P.050 ULTRA-PURE^{PTFE}



DIMENSIONS – P.050 Ultra-Pure ^{PTFE}		
ITEM	STANDARD (inch)	METRIC (mm)
A	7.20	182.9
B	.50	12.7
C	4.13	104.9
D	5.38	136.7
E	9.3	236.2
F	2.13	54.1
G	8.00	203.2
H	9.43	239.5
J	4.88	123.9
K	6.94	176.3
L	5.19	131.8
M	2.59	65.8
N	2.99	75.9
P	5.98	151.8
R	7.08	179.8
S	Ø.42	Ø10.7

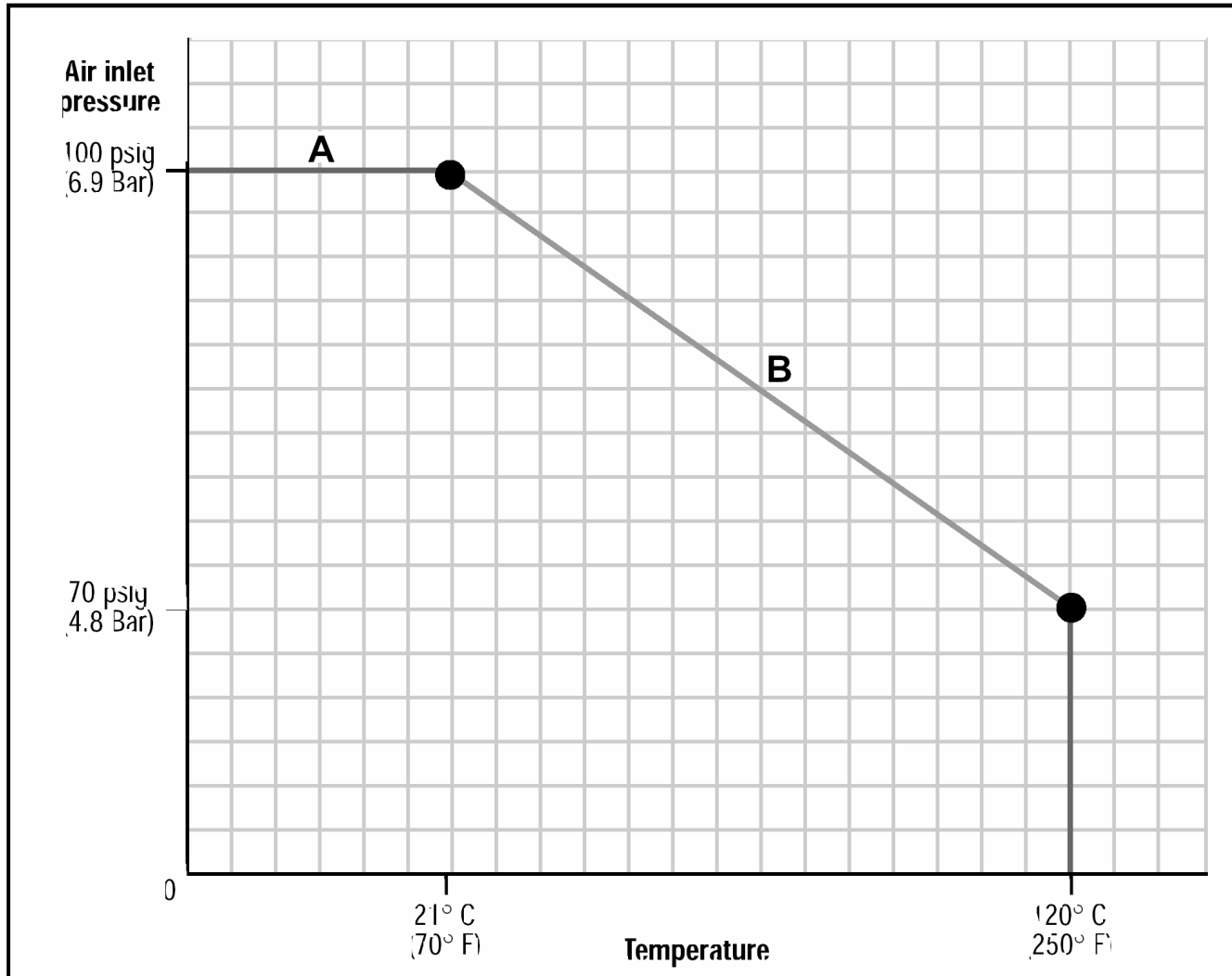
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Figure 1 Temperature/Pressure Derate Curve



For section A of the curve (temperatures below 21°C [70°F]) the maximum recommended air inlet pressure is 100 psig (6.9 Bar).

For section B of the curve (temperatures between 21°C [70°F] and 120°C [250°F]) use one of the following equations to determine the maximum recommended air inlet pressure:

$$\text{Pressure (psig)} = 100 - .1685 (\text{temperature in } ^\circ\text{F} - 70)$$

$$\text{Pressure (psig)} = 100 - .3030 (\text{temperature in } ^\circ\text{C} - 21)$$

NOTE: The P.050 is not recommended for temperatures over 120°C (250°F) or pressures above 100 psig (6.9 Bar).