

IDM

3 and 4-Stage Compressors

- › **Pressure**
up to 6000 psig
up to 414 bar
- › **Capacity**
7 to 9 scfm
198 to 250 l/min
- › **Power**
6.4 to 13.5 hp
4.7 to 10 kW



The IDM range of compressors from the technology leader in high pressure offer the perfect solution for low volume, high pressure air requirements.

The convenience of available portability and the versatility of powertrain options and other optional features combine to give you the most choices for the best solution for high pressure air.

IDM

STANDARD SCOPE OF SUPPLY

- › Prime mover, choice of:
 - Electric motor, single phase or three phase
 - Gasoline engine (120 and 12.14)
 - Diesel engine (120)
- › Air cooled and pressure lubricated
- › Oil filter and inlet filter
- › Stainless steel intercoolers and aftercooler
- › Interstage separator, starting with 2nd stage, and final separator, each with manual drain
- › Temperature switch (except D drive)
- › Vibration isolators
- › Operation and maintenance manual with illustrated parts list

Electric Models

- › Motor starter with NEMA 4 enclosure
- › Power-on light
- › Hourmeter
- › Oil pressure switch
- › Final pressure switch
- › Emergency stop pushbutton

AVAILABLE ACCESSORIES

- › Pressure gauges for each stage and oil pressure, locally mounted
- › Purification upgrade to P31 or P41 with or without B-Timer
- › Automatic condensate drain (electric version and engine drive with electric start)
- › Final pressure switch (G drive without electric start)
- › Electric start for engine drive, includes final pressure switch and temperature switch
- › Hourmeter for engine drive
- › Lift handles
- › Crash frame
- › Wheels (lift handles or crash frame required)
- › Switch-over device
- › Fill hose assembly
- › 50 Hz electrical system

DIMENSIONS L x W x H inches (mm)

- › 24 x 42 x 28 (610 x 1067 x 711)

WEIGHT pounds (kg)

- › 330 - 500 (150 - 227)

Technical Data

Model	Capacity FAD ¹⁾		Number of stages	Motor		Drive	Recommended purification system ²⁾
	scfm	l/min		hp	kW		
5000 psig (345 bar)							
120	9	250	3	7.5	5.5	E1 / E3	P31 or P41
^	^	^	^	9.0	6.7	G	^
^	7	198	^	6.4	4.7	D	^
6000 psig (414 bar)							
12.14	9	250	4	7.5	5.5	E1 / E3	P41
^	^	^	^	13.5	10	G	^

1) Compressor capacity is referenced to standard inlet conditions and 2900 psig discharge pressure. Tolerance +/- 5%.

2) Purification is not included. Approximate processing capacity for optional purification; P31 = 13,130 scf, P41 = 28,700 scf.

E1 = 230 / 1 / 60 E3 = 230 - 460 / 3 / 60 G = Gasoline engine D = Diesel engine drive Other voltages and frequencies available upon request.

Dimensions and weight are approximate and are dependent upon model, drive and optional features.

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