

Pressure Blower Package

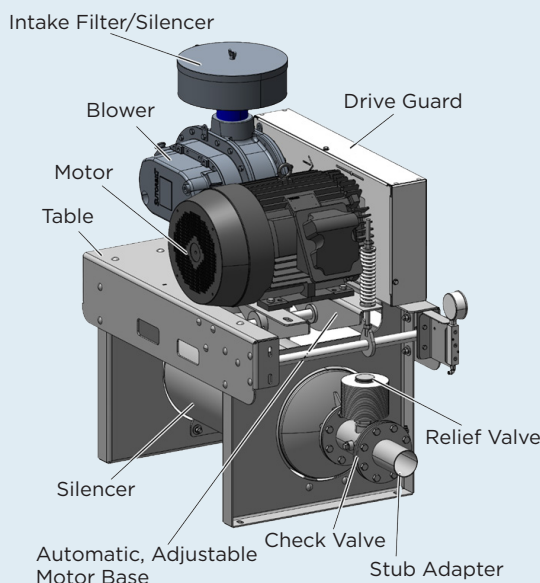


PRODUCT OVERVIEW AND CONSTRUCTION

Our standard blower package offerings cover a wide range of airflows, meeting most pneumatic conveying requirements, from as low as approximately 170 to 4247 m³/hr [100 to 2500 ICFM] or more. The pressure blower package consists of an intake filter silencer, blower, weighted pressure relief valve, liquid filled gauge, aluminum drive guard, premium discharge silencer, automatic adjustable motor base and check valve, which are all mounted on a urethane painted carbon steel table.

KEY APPLICATIONS

The Pressure Blower Package is intended to be used for all pneumatic conveying applications, including plastics, chemicals, minerals, battery, food, pet food and pharmaceutical. For food processing applications, ensure that the blower package is located away from food production areas (such as outside the building), as the package itself is not hygienic; and should not be exposed to product contact. This is consistent with most food processing blower package installations.



AVAILABLE OPTIONS

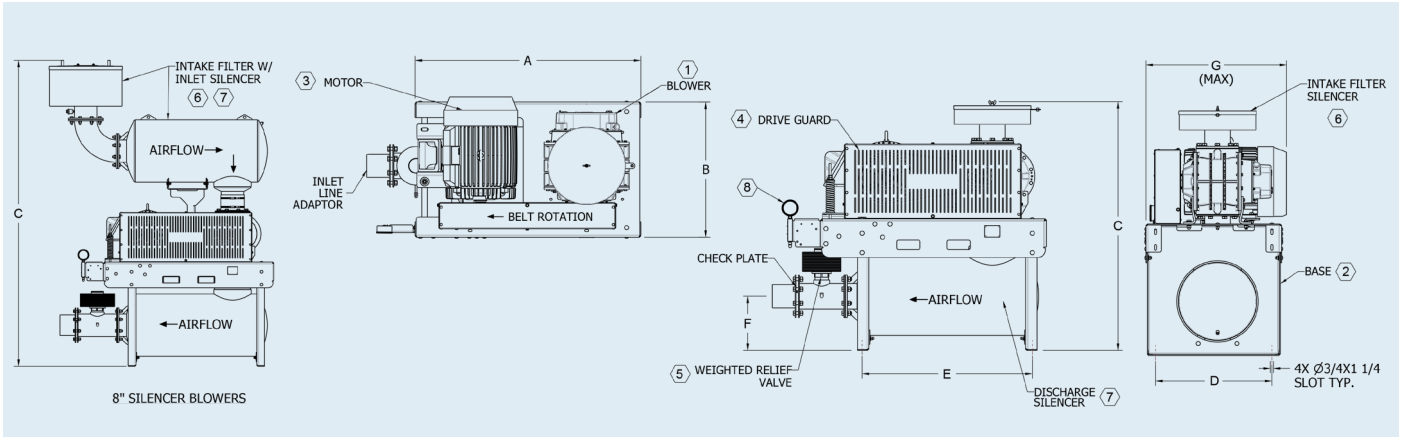
The Pressure Blower Package can incorporate a variety of optional specifications and equipment including the following:

- Intake and outlet piping and line adapter size
- Sutorbilt, Heliflow, Duroflow and Roots* positive displacement blowers available
- IEEE 841 and explosion proof motors
- Optional pressure switches or transmitters
- Epoxy and high temperature paint
- NEMA 4/4X and/or NEMA 7/9 for instrumentation and valves
- Control voltages for instrumentation and valves
- Temperature transmitter

Note: Blower package is for sale in the Americas, not CE compliant.

* Sutorbilt, Heliflow and Duroflow are trademarks of Gardner Denver; Roots is a trademark of the Roots Blowers Company.

DIMENSIONS mm [in]



1. Positive displacement blower
2. Bolted together blower base
3. 230/460 volts, 60Hz, 3 phase 1750 RPM motor
4. Aluminum drive guard w/slotted front
5. Weight loaded pressure relief valve
6. Intake air filter complete with: replaceable filter element, filter restriction indicator
7. Chamber / absorption style discharge silencer
Included with inlet on 203mm [8"] silencer tables
8. 102mm [4"] liquid filled pressure gauge
Also available with optional pressure switches or transmitters

ADDITIONAL SPECIFICATIONS:

- V-belt drive
- Automatic spring tensioning motor base
- Interior plenum welds are skip welded (non-continuous) and cleaned free of weld slag and spatter
- Exterior welds continuous where possible and cleaned free of weld slag and spatter
- Exterior painted urethane paint (RAL9003 signal white)
Surface preparation: SSPC-SP1 and SSPC-SP2
- All openings to be covered prior to shipment
- Gaskets or silicone caulk required

BLOWER MANUFACTURER	BLOWER MODEL	SILENCER SIZE mm [in]	A mm [in]	B mm [in]	C mm [in]	D mm [in]	E mm [in]	F mm [in]	G mm [in]	WEIGHT Kg [lbs]
SUTORBILT	3M	50.8 [2]	1051 [41.38]	660 [26]	1064 [41.88]	533 [21]	751 [29.56]	203 [8]	660 [26]	372 [820]
	3H				1065 [41.94]				660 [26]	358 [790]
	4H				1130 [44.5]				660 [26]	471 [1040]
	3L	76.2 [3]	1249 [49.19]	584 [23]	1259 [49.56]	457 [18]	953 [37.5]	254 [10]	584 [23]	413 [910]
	4M				1357 [53.44]				711 [28]	567 [1250]
	5H				1402 [55.19]				773 [30.44]	671 [1480]
	6H	101.6 [4]	1219 [48]	787 [31]	1397 [55]	584 [23]	953 [37.5]	254 [10]	740 [29.13]	721 [1590]
	4L				1421 [55.94]				737 [29]	594 [1310]
	5M				1443 [56.81]				773 [30.44]	671 [1480]
	7H	127 [5]	1443 [56.81]	787 [31]	1532 [60.31]	660 [26]	876 [34.5]	305 [12]	833 [32.81]	907 [2000]
	5L				1430 [56.31]				787 [31]	825 [1820]
	6M				1522 [59.94]				832 [32.75]	912 [2010]
	6L	152.4 [6]	1484 [58.44]	889 [35]	1549 [61]	762 [30]	1118 [44]	356 [14]	889 [35]	1061 [2340]
	7M				1632 [64.25]				938 [36.94]	1293 [2850]
	7L				1675 [65.94]	813 [32]	1280 [50.38]	406 [16]	948 [37.31]	1660 [3660]
ROOTS	RAM616	203.2 [8]	1624 [63.94]	1118 [44]	3019 [118.88]				1316 [51.81]	2300 [5070]
	RAM624		1675 [65.94]	1168 [46]	3273 [128.88]				1313 [51.69]	2422 [5340]
			1249 [49.19]	711 [28]	1388 [54.63]	1041 [41]	1280 [50.38]	406 [16]	1313 [51.69]	2422 [5340]
DUROFLOW	4504	76.2 [3]	1249 [49.19]	711 [28]	1388 [54.63]	584 [23]	953 [37.5]	254 [10]	762 [30]	680 [1500]
	4506	101.6 [4]	1219 [48]	787 [31]	1429 [56.25]	660 [26]	876 [34.5]	305 [12]	826 [32.5]	780 [1720]
	4509	127 [5]	1443 [56.81]	838 [33]	1591 [62.63]	711 [28]	1143 [45]	330 [13]	889 [35]	1089 [2400]
	4512				1664 [65.5]				881 [34.69]	1116 [2460]
	4518				1661 [65.38]	813 [32]	1118 [44]	356 [14]	1097 [43.19]	1538 [3390]
HELIFLOW	406	76.2 [3]	1249 [49.19]	711 [28]	1399 [55.06]	584 [23]	953 [37.5]	254 [10]	764 [30.06]	653 [1440]
	408	101.6 [4]	1219 [48]	787 [31]	1397 [55]	660 [26]	876 [34.5]	305 [12]	826 [32.5]	762 [1680]
	412	127 [5]	1506 [59.31]	838 [33]	1656 [65.19]	711 [28]	1143 [45]	330 [13]	884 [34.81]	1102 [2430]
	514	152.4 [6]	1483 [58.38]	940 [37]	1713 [67.44]	813 [32]	1118 [44]	356 [14]	1097 [43.19]	1624 [3580]
	616	203.2 [8]	1624 [63.94]	1118 [44]	3019 [118.88]	991 [39]	1280 [50.38]	406 [16]	1313 [51.69]	2404 [5300]
	624		1675 [65.94]	1168 [46]	3019 [118.88]	1041 [41]	1280 [50.38]	406 [16]	1313 [51.69]	2599 [5730]

Scheduled dimensions are for general information only. For specific dimensions, request a general dimension drawing for the particular blower model.