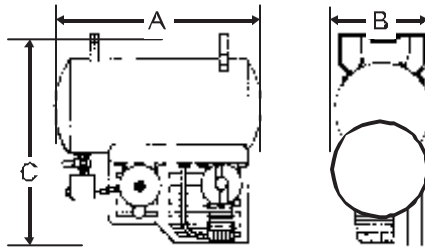


110 Volt Air Compressors

P/N	Motor		Receiver				Dimensions*			Air Outlet Size	Air SCFM @90 PSIG	Specify Optional Filter/Reg P/N	Shipping Weight	
	HP	Cyl/ Stage	Volume			Type**	A/L	B/W	C/H				Lbs	Kg.
			Gal	Liters	CuFt									
94152	4	1/1	13	49.4	1.73	Horizontal ASME	29/74	15/38	27/69	1/4" FNPT	5.5	37521 or 37515	134	61
38003	2	2/1	30	114	4.0	Vertical ASME	27/69	22/56	55/140	1/2" FNPT	4.9	37516	185	84
38039	1	2/1	30	114	4.0	Horizontal ASME	41/103	22/55	38/95	1/2" FNPT	4.9	37516	185	84

* Dimensions shown as inches/centimeters. Dimensions and capacities for estimating purposes only.

** Microphor reserves the right to make changes without notice. Contact for specific information.



ASME Receivers: Tanks made and inspected to meet standards of the American Society of Mechanical Engineers (ASME). An ASME certificate is on file for each receiver listing registered serial numbers and certifying that the receiver has been inspected by an independent agency in accordance with ASME standards. ASME receivers must be used where OSHA and/or local codes require them.

Compressor Sizing Chart

Number of Fixtures	<u>Light Usage</u> Office Buildings, Private Residences	<u>Medium Usage</u> Parks, Campgrounds, Service Stations, Hotels	<u>Heavy Usage</u> Roadside Rest Areas, Visitor Centers, Recreation Areas
1 - 6	P/N 94152 4 HP, 13 Gal. Single Stage	P/N 94152 4 HP, 13 Gal. Single Stage	1-4 toilets: P/N 38003, 2 HP, 30 Gal., Single Stage 5+ toilets: Contact Microphor
7 - 15	P/N 94152 4 HP, 13 Gal. Single Stage	P/N 38003 2 HP, 30 Gal. Single Stage	Contact Microphor
16 - 25	P/N 38003 2 HP, 30 Gal. Single Stage	Contact Microphor	
26 +	Contact Microphor		

Note: Certain applications may have extended periods of peak. Contact Microphor for additional air system data.

Piping Requirements for Air Distribution Systems - Pipe size used should be large enough to keep the pressure drop between the receiver and the point of use to a minimum. Microphor toilets require 60-65 PSIG at the toilet. All piping should slope to an accessible moisture drain point. The main air line should not be smaller than the compressor outlet size.



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