



**TOTAL COMPRESSED AIR SOLUTION**

**PRODUCT LIST**

- 1WAY**
  - **AIR DRYER**
  - 20CFM TO 1500CFM
- 1WAY**
  - **AIR COMPRESSOR**
  - 1HP TO 100HP
- 1WAY**
  - **AIR FILTER**



## ABOUT COMPANY

We, 1way Air Solution are an ISO 9001:2015 Certified Company. We started our journey an aim to succeed in this domain by earning the support of the customers from every region of the country.

Our Employees work sincerely with an aim to make a huge name for our brand in the market by providing our clients with exceptional sales and after sales services. In order to store our stock in an safe and organized manner we have maintained a spacious warehousing unit.

## VISION

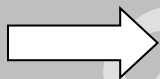
We Envision Provide Quality Products For Every Application And Providing Efficient And Round The Clock Services To The Satisfaction Of Our Customers At The Economically Affordable Price



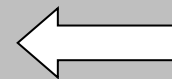
## MISSION

We Aim To Satisfy Our Customers To The Maximum Extent Because Customer Satisfaction Is The Key To Our Growth. Their Feedback

Invariably Serves As The Most Potential Support For Continuous Improvement In Our People, Products And Process.



## REFRIGERATED AIR DRYER



### FEATURES:

- ⇒ Copper TUBE & TUBE OR SHELL & TUBE Non corrosive Heat Exchanger, Designed To Have Lower Pressure Drop And Higher Efficiency contains In Built Centrifugal Moisture Separator Having Dead zone To Avoid Carry Over Of Condensate .
- ⇒ PUF or Insulation sheet to Cover heat Exchanger.
- ⇒ Digital Auto drain valve
- ⇒ Easily available components
- ⇒ Ozone Friendly Refrigerant
- ⇒ High Operation Limit  
Inlet Max : 60°C  
Working pressure : 16bar  
Auto controller



## SIZE SELECTION OF REF. AIR DRYER

### Boundary Conditions

Operating Parameters	ideal	Minimum	Maximum
Inlet Air Temperature, °C	45	10	60
Ambient Temperature, °C	40	-5	50
Inlet Air Pressure, bar g	7	2	16
Pressure Dew Point, °C	3	3	10

### Correction Factor for Conditions differing from the ideal one...

Inlet Air Temperature, L1								
Inlet Air Temperature, °C	30	35	40	45	50	55	60	
Correction Factor L1	1.61	1.38	1.22	1.00	0.76	0.60	0.49	

Ambient Temperature, L2								
Inlet Air Temperature, °C	25	30	35	40	45	50	55	
Correction Factor L2	1.21	1.14	1.07	1.00	0.93	0.85	0.74	

Inlet Air Pressure, L3											
Inlet Air Pressure, bar g	3	4	5	6	7	8	9	10	12	14	16
Correction Factor L3	0.54	0.66	0.76	0.87	1	1.02	1.17	1.26	1.38	1.51	1.65

Pressure Dew Point, L4				
Pressure Dew Point, °C	3	5	7	10
Conversion Factor °C	1.00	1.14	1.24	1.39

## TECHNICAL SPECIFICATION

### For Example

Compressor Capacity, cfm	300	1000
Inlet Air Temperature, °C	50	40
Ambient Temperature, °C	45	30
Inlet Air Pressure, bar g	7	10
Pressure Dew Point, °C	3	3
Multiplication of CF	0.8x0.93x 1x1=0.74	1.21x1.14x 1.25x1=1.724
Dryer nominal Capacity, cfm	403	580
Model to be chosen	40	60

Sr. No.	Model	Nominal Capacity		Electrical Connection		Rated Power
		cfm	m <sup>3</sup> /h	1-ph	3-ph	kW
1	02	20	34	✓		0.15
2	04	40	68	✓		0.20
3	06	60	102	✓		0.40
4	08	80	136	✓		0.50
5	10	100	170	✓		0.60
6	15	150	255	✓		0.90
7	20	200	340	✓	✓	1.20
8	25	250	425	✓	✓	1.40
9	30	300	510	✓	✓	1.60
10	40	400	680		✓	1.90
11	50	500	850		✓	2.30
12	60	600	1020		✓	2.80
13	70	700	1189		✓	3.70
14	80	800	1360		✓	4.20
15	100	1000	1699		✓	5.00
16	120	1200	2039		✓	5.45
17	150	1500	2550		✓	6.80



# RECIPROCATING AIR COMPRESSOR

Air Compressor Range 1hp To 100hp

Easy Maintenance.

World Class Quality At Genuine Price.

Completed Balance; Vibration Free & Low Sound Operation.

Easy Availability of Spares At Economy Prices.

A Rugged Cast Iron Design, Ideal For Heavy Duty & Continuous Operation.



## TECHNICAL SPECIFICATION

Model	Motor Hp	Compressor RPM	No. of Cylinder	Piston Displacement	Free Air Delivery In (CFM)	Max Working Pressure (psig)	Max Working Pressure (bar)	Air Receiver Tank (Litre)
AC-1	1	600	1 OR 2	4.125	02.80	125	8.78	70
AC-2	2	600	1 Or 2	8.250	05.90	175	12.3	100
AC-234	3	866	2	9.790	08.70	175	12.3	160
AC-242	5	900	2	17.32	15.80	175	12.3	225/250/300
AC-253	7.5	660	2	26.40	21.70	175	12.3	250/300/500
AC-2600	10	880	2	37.80	28.50	175	12.3	300/500
AC-71T2	10	880	2	40.20	35.00	175	12.3	300/500
AC-71T2	12.5	720	2	49.60	42.00	175	12.3	500
AC-15T	15	675	2	63.40	45.50	175	12.3	500

# OIL FREE AIR COMPRESSOR

Model	MotorHP	Piston Displacement CFM	Air Receiver (Ltrs.)	PressurePsig
1WAY-01	0.75	2.7	25	115
1WAY-02	1.00	3.5	35	115
1WAY-03	1.50	5.2	50	115
1WAY-04	2.00	7.0	70	115
1WAY-05	3.00	7.5	160	135
1WAY-06	5.00	15.0	200	135
1WAY-07	7.50	21.0	240	135
1WAY-08	10.00	32.0	300	135
1WAY-09	15.00	45.0	500	135
1WAY-10	20.00	60.0	500	135

## :: INDUSTRIES WE SERVES ::

OFFSET PRINTING

TEXTILE PRINTING

VMC MACHINES

ELECTRONICS INDUSTRY

PHARMACEUTICAL INDUSTRY

FOUNDRY

PNEUMATIC OPERATED MACHINERY

AUTOMOBILE INDUSTRY

HEALTHCARE/ HOSPITAL

PAPER MILLS

RICE MILL / SAND BLASTING

PET BOTTLE INDUSTRY

SAND BLASTING

SUGAR MILLS

GLASS INDUSTRY

CHEMICAL INDUSTRY

FOOD AND BEVERAGE PLANT

TOOL ROOM & MORE....

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