

Working principle

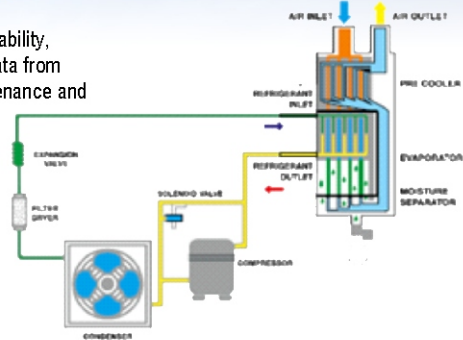
The wet compressed air enters in to compact three in one heat exchanger (Economizer, Evaporator & Moisture Separator) for pre cooling and passes through moisture separator and separates condensate and will be discharged by auto drain valve. The cooled and dried compressed air will return through heat



Refrigerated Air Dryer

Silence Feture

- Compact Three-in-One heat exchanger.
- Aluminum plate finned cross flow heat exchanger.
- Reliable refrigerated compressor having eco-friendly refrigerant, low noise level/less power consumption
- Total modular canopy design, interchangeability, easy fitment of all components and the data from microcontroller ensures preventive Maintenance and easy serviceability.



Version: Air Cooled

TECHNICAL SPECIFICATIONS

Model	Airflow		Max. Op. Pressure		Power Supply	Version	Line Size	End Conn.		
	m ³ /min	cfm	Kg/cm ²	psi	V/Ph/Hz			L	W	H
DF-20R	0.57	20	12	171	230/1/50	Air Cooled	½" BSPT (F)	480	400	625
DF-40R	1.13	40	12	171	230/1/50	Air Cooled	¾" BSPT (F)	480	400	625
DF-60R	1.7	60	12	171	230/1/50	Air Cooled	¾" BSPT (F)	480	400	625
DF-80R	2.27	80	12	171	230/1/50	Air Cooled	1" BSPT (F)	680	560	850
DF-100R	2.83	100	12	171	230/1/50	Air Cooled	1" BSPT (F)	680	560	850
DF-125R	3.54	125	12	171	230/1/50	Air Cooled	1½" BSPT (F)	680	560	850
DF-150R	4.25	150	12	171	230/1/50	Air Cooled	1½" BSPT (F)	680	560	850
DF-200R	5.66	200	12	171	230/1/50	Air Cooled	1½" BSPT (F)	750	650	1000
DF-250R	7.08	250	12	171	230/1/50	Air Cooled	1½" BSPT (F)	750	650	1000
DF-300R	8.49	300	12	171	415/3/50	Air Cooled	2" FLGD ASA 150#	950	850	1250
DF-350R	9.91	350	12	171	415/3/50	Air Cooled	2" FLGD ASA 150#	950	850	1250
DF-450R	12.74	450	12	171	415/3/50	Air Cooled	2" FLGD ASA 150#	950	850	1250
DF-550R	15.57	550	12	171	415/3/50	Air Cooled	2½" FLGD ASA 150#	1000	900	1400
DF-650R	18.41	650	12	171	415/3/50	Air Cooled	2½" FLGD ASA 150#	1000	900	1400
DF-750R	21.24	750	12	171	415/3/50	Air Cooled	2½" FLGD ASA 150#	1000	900	1400
DF-900R	25.48	900	12	171	415/3/50	Air Cooled	3" FLGD ASA 150#	1250	1000	1550
DF-1000R	28.32	1000	12	171	415/3/50	Air Cooled	3" FLGD ASA 150#	1250	1000	1550
DF-1100R	31.15	1100	12	171	415/3/50	Air Cooled	3" FLGD ASA 150#	1250	1000	1550

Note: Water Cooled Models starting from 550 cfm and above are available on request

Ideal Installation



Selection Criteria: To select dryer following desired specification is required.

- * Application
- * Flow in/cfm or Nm³/hr
- * Inlet temperature
- * Max. Operating Pressure
- * Operating Pressure / Max. Pressure

Optional Accessories:

- Activated Carbon Filter
- Auto Drain Valve
- Differential Pressure Gauges

Registered Office

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