



Innovative Air Solutions



DRI™ AHU
ECOLOGY
Ecology Unit DRI-ECU Series

Why we need Ecology Units

Simply providing an exhaust fan in a commercial kitchen might ventilate, however we also need to take out the grease, oil, smell, mist & other volatile compounds from the exhaust stream which are produced while cooking. By providing Ecology units in the exhaust stream we can avoid,

- Slippery floor & grease deposition on kitchen roof
- Deposition of grease in the exhaust fan
- Frequent duct cleaning
- Higher temperature in the kitchen
- Odour generation in the kitchen & surroundings

The basic DRI ecology unit comprises of particulate filter sections, electrostatic precipitator, gas phase filter, fan & control panel all housed in a strong and rigid casing certified by AHRI.



Important Features

DRI Ecology units are designed to eliminate the oil, grease, dust particles, smoke, and odor from the kitchen exhaust. The units are engineered and constructed to meet today's market standards requirement of keeping the environment clean with a cost-effective, economical & easy to maintain system.

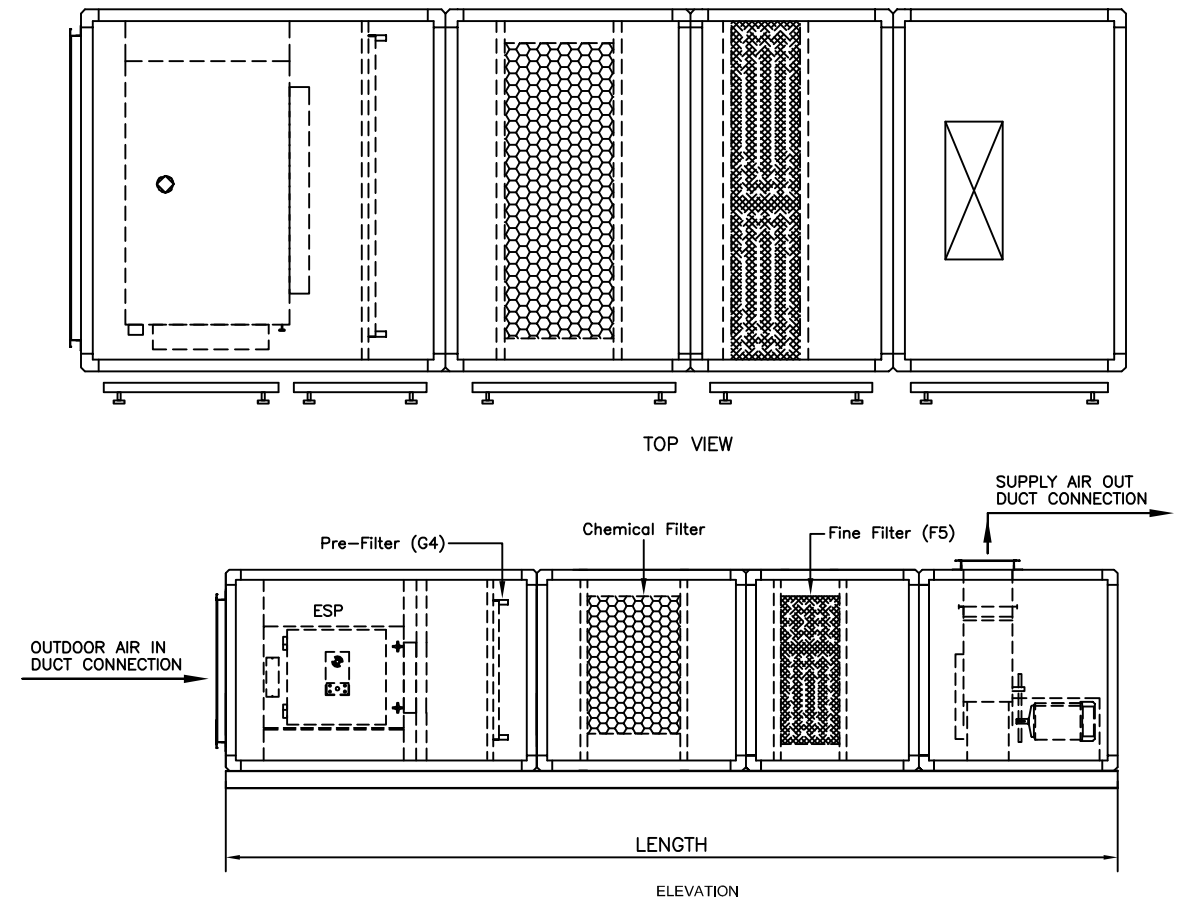
Our units are designed to have the flexibility of installation on the roof top, ceilings, or any other area in the exhaust air stream to take care of the design constraints. Units are designed as per relevant ASHRAE 52.2 / EN / ISO standards.

Typical Applications

- Restaurants
- Hospitals
- Mall's / food court
- Hotels

Options for UV Filtration, ESP wash module, UL rated fire dampers , variable frequency drive & HMI are also available on request.

Typical Unit Configuration



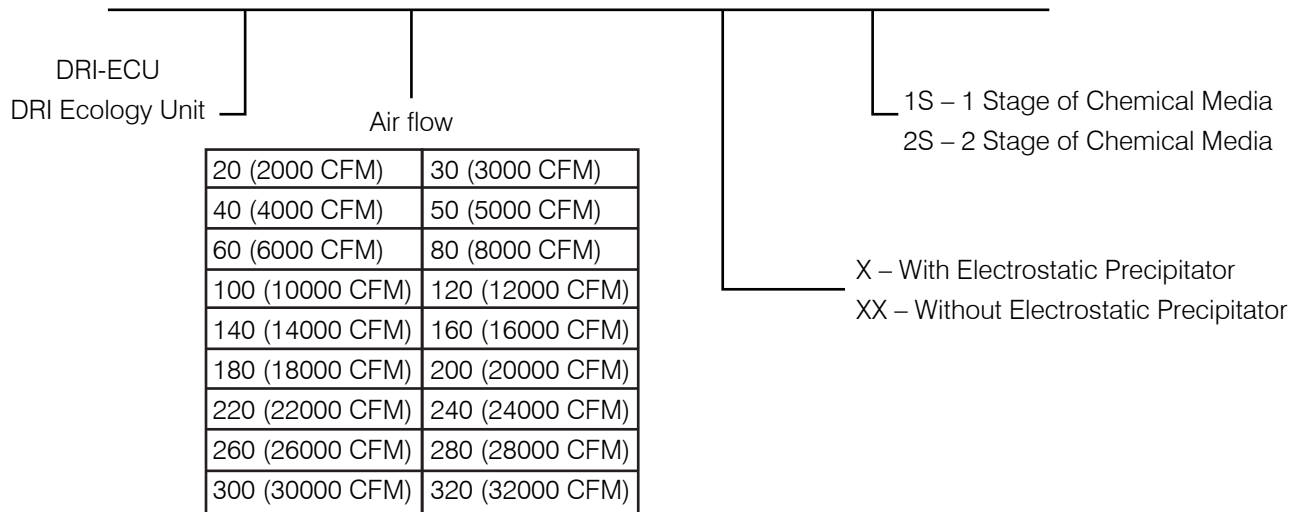
Technical Specification

DRI Model	Air Volume		Dimension			Pressure		Fan Dia. (BC)	Blower Motor kw	Weight
	CFM	CMH	Length	Width	Height	ESP	TSP			
DRI-ECU 20	2000	3400	3600	1100	900	700	1600	250	3	520
DRI-ECU 30	3000	5100	3600	1400	900	700	1600	280	4	620
DRI-ECU 40	4000	6800	3700	1700	930	700	1600	315	5.5	825
DRI-ECU 50	5000	8500	3700	1400	1200	700	1600	355	7.5	930
DRI-ECU 60	6000	10200	4000	1700	1200	700	1600	400	7.5	1070
DRI-ECU 80	8000	13600	4200	2000	1200	700	1600	450	11	1260
DRI-ECU 100	10000	16700	4200	2000	1500	700	1600	500	15	1580
DRI-ECU 120	12000	20400	4400	2300	1500	700	1600	560	15	1740
DRI-ECU 140	14000	23800	4500	2600	1550	700	1600	630	18.5	2010
DRI-ECU 160	16000	27200	4700	2600	1800	700	1600	630	22	2370
DRI-ECU 180	18000	30600	4800	2600	1880	700	1600	710	22	2460
DRI-ECU 200	20000	34000	4800	2600	2100	700	1600	710	30	2810
DRI-ECU 240	24000	40800	5300	2950	2150	700	1600	800	30	3240
DRI-ECU 280	28000	47600	5400	2950	2450	700	1600	900	37	3730
DRI-ECU 320	32000	54400	5400	3250	2450	700	1600	900	45	3950

Model Nomenclature

MODEL SERIES

DRI-ECU - 20 - XX - 1S



DESICCANT ROTORS INTERNATIONAL Pvt. Ltd.



DRI (INDIA)
100-101, Udyog Vihar,
Phase-IV,
Gurugram 122015, INDIA
Tel.: +91-124-4188888
Fax: +91-124-4188800
E-Mail: drimarketing@pahwa.com
Web: www.drirotors.com

DRI (KOREA)
107-503 Yeoksam E pyonhan
Sesang APT, Yeoksamdong
755-4 Kangnamgu Seoul
Korea (SeonReungro 69th
street 20)
Tel.: +82-10-8635-0851
E-Mail: drikorea@hanmail.net
Web: www.drikorea.co.kr

DRI (USA)
8675 Rio Grande Blvd. NW
Los Ranchos, NM 87114, USA
Phone: +1 872-985-8477
E-mail: drimarketing@pahwa.com
Website: www.driamerica.com

DRI (UAE)
P.O. Box No. 120672,
Q3-106, SAIF-Zone,
Sharjah, UAE
Tel.: +971-6-5578148
Fax: +971-6-5578149
Email: enquire@dri.ae
Website: www.drirotors.com

Country Phone Email
Malaysia +60-3-77259919 bryair@bryair.com.my
China +86-21-51591555 info@bryair.com.cn
Philippines +63-2-8078436 mail@bryair.com.ph
Brazil +55-41-36982222 contato@bryair.com.br
Indonesia +62-21-79199023 indomark@bryair.com.my
Vietnam +84-28-39956498 vietmarketing@bryair.com.my
Canada +514-299-1131 bryairmarketing@pahwa.com
Nigeria +234-8097276772 msammartini@pro-kon.ch
Switzerland +41-91-6830971 bryairbangladesh@pahwa.com
Bangladesh +880-1819409100 psamuel@pahwa.com
Sri Lanka +91-9205189271

Website
www.bryair.com.my
www.bryair.com.cn
www.bryair.com/philippines
www.bryair.com.br
www.bryair.com.my/indonesia
www.bryair.com.my/vietnam
www.driamerica.com
www.bryair.com/nigeria
www.pro-kon.ch
www.bryair.com/bangladesh
www.drirotors.com

India • Malaysia • Indonesia • Vietnam • Philippines • Korea • China • Japan • USA • Canada • Bangladesh • Brazil • Switzerland • Nigeria • UA E • Saudi Arabia

©, ® & 'TM' of Desiccant Rotors International Pvt. Ltd.