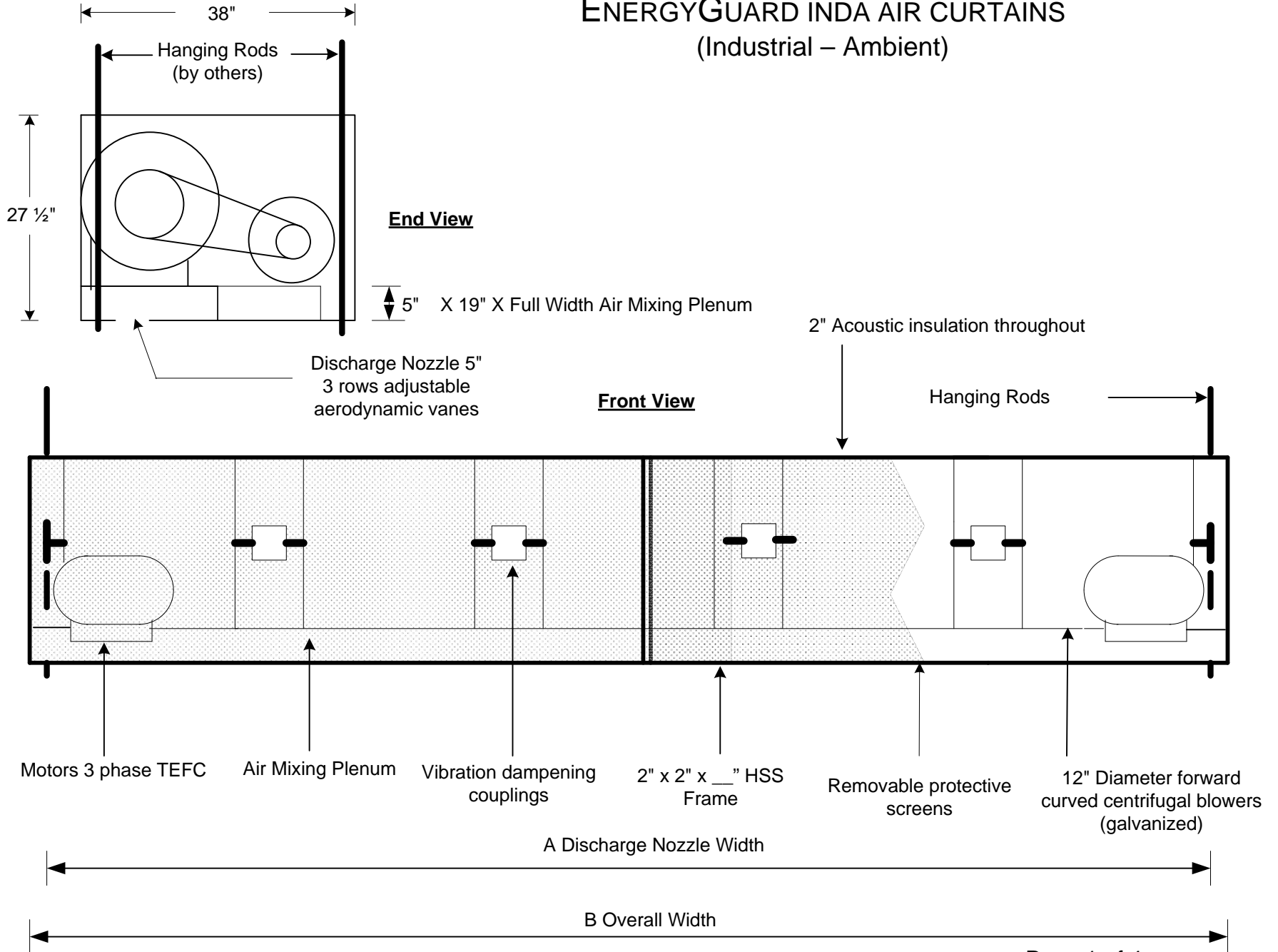


HEAT SAVING SYSTEMS ENERGYGUARD INDA AIR CURTAINS (Industrial – Ambient)





HSS ENERGYGUARD INDA (Industrial - Ambient)

MOTORS:	Standard - TEFC, continuous duty, high efficiency		FRAME:	HSS tubing, painted. Size and thickness depends upon width of air curtain.
BLOWERS:	12" diameter, forward curved centrifugal, galvanized.		RIGIDITY:	No measurable deflection over entire width.
CONTROL PANEL:	Supplied. Contains on/off switch, overload protection and disconnect. (field installed)		MOUNTING:	Hung from roof joists with ready rod or angle iron knee braces from wall or by towers at each end.
LIMIT SWITCH: (Photoelectric)	Supplied. Turns air curtain on when door starts to rise and off when door returns to floor. (field installed)		WIDTH & HEIGHT	Available for doors up to 32 Ft. wide by up to 20 Ft. in height.
PLENUM:	5" deep x 19" x full width of air curtain. Allows air to mix before discharge largely eliminating the gap between blowers. Unique to ENERGYGUARD air curtains.		BEARINGS & COUPLINGS	2 heavy duty pillow block bearings per blower. Blowers connected with vibration dampening couplings for smooth operation and ease of maintenance.
DISCHARGE VANES:	DESIGN: Extruded aluminum, aerodynamic. SECTIONS: Individually adjustable 2 ft. sections across entire width. ROWS: Each row (3) of vanes is individually adjustable. Provides infinite adjustment of air stream. Unique to ENERGYGUARD air curtains.		INTAKE SCREEN:	Sectional, removable, perforated metal, painted.
CABINET:	26 ga. Baked enamel on galvanized steel. All components except control panel contained within the cabinet. No external protrusions.		SOUND INSULATION:	Entire cabinet and plenum lined with sound dampening insulation. < 75 db.
THE HSS ADVANTAGE:	Every unit is custom designed and manufactured for end use application. No "cookie cutter" - "one size fits all" designs. Strict attention to design and detail = unsurpassed quality, performance and ease of maintenance.			
CORROSIVE & WET ATMOSPHERES	Available with frame, intake screens and all non galvanized steel parts epoxy coated. Available in all stainless steel. (with the exception of blowers which have galvanized wheels and baked enamel frames) Explosion proof or wash down motors available.			
DUSTY CONDITIONS	Available with washable dual media aluminum / lint mat filters in place of standard intake screen.			



MODEL	DOOR WIDTH (in feet)	DOOR HEIGHT (in feet)	DOOR AREA (in Sq. Ft.)	VELOCITY FPM	VOLUME CFM (minimum)	DB RATING	NUMBER OF BLOWERS	BLOWERS PER MOTOR	NUMBER OF MOTORS	MOTOR HP	TOTAL HP	WEIGHT LBS.	DIMENSION "A" (in inches)	DIMENSION "B" (in inches)
AES IND (AMBIENT) AIR CURTAINS - DELHI 912X1 BLOWERS - 1725 RPM MOTORS														
EG 8-8-INDA	8	8	64	2,400	5,280	<75	4	4	1	5	5.0	920	96	108
EG 8-10-INDA	8	10	80	3,000	5,370	<75	4	4	1	5	5.0			
EG 8-12-INDA	8	12	96	3,600	6,030	<75	4	4	1	5	5.0			
EG 8-14-INDA	8	14	112	4,200	6,384	<75	4	4	1	5	5.0			
EG 8-16-INDA	8	16	128	4,800	6,900	<75	4	4	1	5	5.0			
EG 10-10-INDA	10	10	100	3,000	6,713	<75	5	3/2	2	3/3	6.0	1125	120	132
EG 10-12-INDA	10	12	120	3,600	7,538	<75	5	3/2	2	3/3	6.0			
EG 10-14-INDA	10	14	140	4,200	7,980	<75	5	3/2	2	3/3	6.0			
EG 10-16-INDA	10	16	160	4,800	8,625	<75	5	3/2	2	3/3	6.0			
EG 10-18-INDA	10	18	180	5,400	10,050	<75	5	3/2	2	5/5	10.0			
EG 12-12-INDA	12	12	144	3,600	9,045	<75	6	3/3	2	5/5	10.0	1150	144	156
EG 12-14-INDA	12	14	168	4,200	9,576	<75	6	3/3	2	5/5	10.0			
EG 12-16-INDA	12	16	192	4,800	10,350	<75	6	3/3	2	5/5	10.0			
EG 12-18-INDA	12	18	216	5,400	12,060	<75	6	3/3	2	5/5	10.0			
EG 14-14-INDA	14	14	196	4,200	10,553	<75	7	4/3	2	5/5	10.0			
EG 14-16-INDA	14	16	224	4,800	11,172	<75	7	4/3	2	5/7.5	12.5	1516	168	180
EG 14-18-INDA	14	18	252	5,400	12,075	<75	7	4/3	2	7.5/7.5	15.0			
EG 16-14-INDA	16	14	224	4,200	12,768	<75	8	4/4	2	5/5	10.0			
EG 16-16-INDA	16	16	256	4,800	13,800	<75	8	4/4	2	7.5/7.5	15.0	1541	192	204
EG 16-18-INDA	16	18	288	5,400	16,080	<75	8	4/4	2	7.5/7.5	15.0			
EG 18-14-INDA	18	14	252	4,200	14,364	<75	9	3/3/3	3	5/5/5	15.0			
EG 18-16-INDA	18	16	288	4,800	15,525	<75	9	3/3/3	3	5/5/5	15.0	1630	216	228
EG 18-18-INDA	18	18	324	5,400	18,090	<75	9	3/3/3	3	5/5/5	15.0			
EG 18-20-INDA	18	20	360	6,000	19,575	<75	9	3/3/3	3	7.5/7.5/7.5	22.5			



MODEL	DOOR WIDTH (in feet)	DOOR HEIGHT (in feet)	DOOR AREA (in Sq. Ft.)	VELOCITY FPM	VOLUME CFM (minimum)	DB RATING	NUMBER OF BLOWERS	BLOWERS PER MOTOR	NUMBER OF MOTORS	MOTOR HP	TOTAL HP	WEIGHT LBS.	DIMENSION "A" (in inches)	DIMENSION "B" (in inches)
EG 20-14-INDA	20	14	280	4,200	15,960	<75	10	3/4/3	3	5/5/5	15.0	2205	240	252
EG 20-16-INDA	20	16	320	4,800	17,250	<75	10	3/4/3	3	5/5/5	15.0			
EG 20-18-INDA	20	18	360	5,400	20,100	<75	10	3/4/3	3	7.5/7.5/7.5	22.5			
EG 20-20-INDA	20	20	400	6,000	21,750	<75	10	3/4/3	3	7.5/10/7.5	25.0			
EG 22-14-INDA	22	14	308	4,200	17,556	<75	11	3/4/4	3	5/5/5	15.0	2350	264	276
EG 22-16-INDA	22	16	352	4,800	18,975	<75	11	3/4/4	3	7.5/7.5/7.5	22.5			
EG 22-18-INDA	22	18	396	5,400	22,110	<75	11	3/4/4	3	7.5/7.5/7.5	22.5			
EG 22-20-INDA	22	20	440	6,000	23,925	<75	11	3/4/4	3	10/10/10	30.0			
EG 24-14-INDA	24	14	336	4,200	19,152	<75	12	4/4/4	3	5/5/5	15.0	2590	288	300
EG 24-16-INDA	24	16	384	4,800	20,700	<75	12	4/4/4	3	7.5/7.5/7.5	22.5			
EG 24-18-INDA	24	18	432	5,400	24,120	<75	12	4/4/4	3	7.5/7.5/7.5	22.5			
EG 24-20-INDA	24	20	480	6,000	26,100	<75	12	4/4/4	3	10/10/10	30.0			
EG 26-14-INDA	26	14	364	4,200	20,748	<75	13	3/3/3/4	4	5/5/5/5	20.0	2976	312	324
EG 26-16-INDA	26	16	416	4,800	22,425	<75	13	3/3/3/4	4	5/5/5/7.5	22.5			
EG 26-18-INDA	26	18	468	5,400	26,130	<75	13	3/3/3/4	4	7.5/7.5/7.5/7.5	30.0			
EG 26-20-INDA	26	20	520	6,000	28,275	<75	13	3/3/3/4	4	7.5/7.5/7.5/10	32.5			
EG 28-14-INDA	28	14	336	4,200	22,344	<75	14	3/4/4/3	4	5/5/5/5	20.0	3180	336	348
EG 28-16-INDA	28	16	416	4,800	24,150	<75	14	3/4/4/3	4	5/7.5/7.5/5	25.0			
EG 28-18-INDA	28	18	504	5,400	28,140	<75	14	3/4/4/3	4	7.5/7.5/7.5/7.5	30.0			
EG 28-20-INDA	28	20	560	6,000	30,450	<75	14	3/4/4/3	4	7.5/10/10/7.5	35.0			
EG 30-14-INDA	30	14	420	4,200	23,940	<75	15	4/4/4/3	4	5/5/5/5	20.0	3420	360	372
EG 30-16-INDA	30	16	480	4,800	25,875	<75	15	4/4/4/3	4	7.5/7.5/7.5/7.5/5	27.5			
EG 30-18-INDA	30	18	540	5,400	30,150	<75	15	4/4/4/3	4	7.5/7.5/7.5/7.5	30.0			
EG 30-20-INDA	30	20	600	5,400	32,625	<75	15	4/4/4/3	4	7.5/10/10/10	37.5			
EG 32-14-INDA	32	14	448	4,200	25,536	<75	16	4/4/4/4	4	5/5/5/5	20.0	3680	384	396
EG 32-16-INDA	32	16	512	4,800	27,600	<75	16	4/4/4/4	4	7.5/7.5/7.5/7.5	27.5			
EG 32-18-INDA	32	18	576	5,400	32,160	<75	16	4/4/4/4	4	7.5/7.5/7.5/7.5	27.5			
EG 32-20-INDA	32	20	640	6,000	34,800	<75	16	4/4/4/4	4	10/10/10/10	40.0			