



**INDUSTRIAL FANS (INDIA) PVT. LTD.,  
CHENNAI**

**MULTI LOUVRE DAMPERS**

Sl. No.	Customer	User	Application	Size in mm	Operating Temp ° C	Duty	% of Sealing Efficiency	Qty in Nos.
1	Cement Coproation of India Ltd.,	CCI Adilanad Works	ID Fan	Ø 2400	350	Regualation	100	1
				Ø 1500				1
2	Enmas Process Technologies Ltd.,	A.P.Rayons Ltd.,	ID Fan Inlet and Outlet	1250 x 1000	200	Isolation	99.95	2
				2500 x 875				2
3	Walchandnagar Industries Ltd.,	Malabar Cements Limited	Pre heater Fan Outlet	2300 x 2300	450	Regualation	99	1
4	KCP Limited	Sriram Fertilizer and Chemicals, KOTA	Pre heater Fan	600 x 600	316	Regualation	99.95	1
5	Fuller - KCP Ltd.,	Sriram Fertilizer and Chemicals, KOTA	Pre heater Fan	1400 x 1400	220	Tight Shut off	99.95	1
6	Fuller - KCP Ltd.,	Ramakrishna Cements, Macherla	Pre heater fan to Cooler	750 x 750	316	Control	99.5	1
7	Malabar Cements Limited	Malabar Cements Limited	Raw Mill Exhaust Fan	2000 x 1250	230	Regualation & Shut off	100	1
8	KCP Limited	Ramakrishna Cements, Macherla	Pre - heater fan to raw mill	1750 x 1750	316	Control	99.95	1
			Pre - heater fan to raw mill	1700 x 1700	316		99.95	1
			By pass Duct	1250 x 1250	260		99.95	1
			Twin Cyclone exhaust gas fan	750 x 750	320		99.95	1
			Cooler Heat	750 x 750	260	Tight Seal when closed	99.95	1
			Cooler air Primary Air fan	500 x 500	220	Isolation	99.5	1



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9	Fuller - KCP Ltd.,	Dalmia Cements Limited	Bleed Air	680 x 1380	Ambient	Regulation and Shut off	98	1
				300 x 1080				1
10	Vinay Cements	Vinay Cements	---	∅ 1200	90	Regulation	98	1
			---	∅ 1000	360		98	1
			---	∅ 1200	360		98	1
			---	∅ 800	600		98	1
			---	∅ 800	600		98	1
			---	∅ 800	360		98	1
			---	∅ 800	360		98	1
			---	∅ 600	90		98	1
11	Fuller - KCP Ltd.,	Madras Cements Limited	Bleed Fresh Air	500 x 500	40	Regulation	99.95	2
			Bleed Fresh Air	700 x 700	40		99.95	1
			Regulate hot gas flow from cooler	1200 x 1200	1000		95	1
12	Gujarat Ambuja Limited	Gujarat Ambuja Limited	Flap for Pre heater fas duct	2600 x 2600	420	Regulation	98	1
13	Gebr. Pfeiffer India Limited	M/s. JAL, Baga	ID Fan	∅ 2400	350	Regulation	100	1
				∅ 1500				1



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14	Backau Wolf India Limited	Vikram Cements	Mill Exhaust Gas	2700 x 3500	450	Control	98	1
15	OCL India Limited	OCL India Limited	---	Ø 1400	400	Regulation	99	3
16	Loesche India Pvt. Ltd.,	AKIJ, Bangladesh	Duct to Stack	2050 x 2050	200	Regulation	98	1
			Regulation duct	2000 x 2400	200		98	1
			Fresh Air Duct	1400 x 1400	350		99.5	1
17	Humboldt Wedag India Pvt. Ltd.,	Soufian Cements Ltd, Iran	---	Ø 3000	400	Regulation	99.5	1
			---	Ø 1800	150		99.5	1
			---	Ø 2800	150		99.5	1
			---	Ø 1100	150		99.5	2
			---	Ø 2600	400		99.5	2
			---	Ø 1000	400		99.5	1
18	Dalmia Cements (Bharat) Ltd	Dalmia Cements ( Bharat) Limited	Stack	Ø 2300	150	Regulation	98	1
			Recirculation Duct	Ø 1550	150		99.5	1
			Hot Gas Duct	1000 x 1800	150		99.5	1
			Hot Gas Duct	1250 x 2240	150		99.5	1
			Recirculation damper	3000 x 3480	150		98	1



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19	Dalmia Cements (Bharat) Ltd	Dalmia Cements ( Bharat) Limited	Fresh Air Damper	Ø 1400	150		99.5	1
			Stack Dampers	Ø 3600	150		98	1
			Booster Fan to Mill	Ø 2500	250		99.5	1
			Stack to HAG		150		99.5	1
20	Humboldt Wedag India Pvt. Ltd.,	Lafarge Jojobera	Recirculation duct	Ø 1500	200	Regulation	99	2
			Hot air ducting	Ø 1680	200		99	2
			Inter connecting hot	Ø 1680	200		99	1
21	Delta Paper Mills Limited	Delta Paper Mills Limited	Eco By - pass	600 x 900	400	Regulation	99.5	1
			Cascade By - pass	500 x 750	150		99.5	1
			Cascade Inlet	650 x 1558	150		99.5	1
			Cascade Outlet	1050 x 1558	400		99.5	2
			Horizontal Duct	610 x 650	400		99.5	1
22	F.L.Smith Limited,	ACC, Kymore	Clinker Cooler	300 x 300	50	Modulating	98	16
				370 x 370	50		98	6
				420 x 420	50		98	2
23	F.L.Smith Limited,	Ultratech Cement	Clinker Cooler	420 x 420	30	Modulating	98	12



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24	Humboldt Wedag India Pvt. Ltd.,	Jaypee Himachal Cement	Recirculation duct of Separator	∅ 2600	110	Regulation	98	3
			Cooler Air Duct	∅ 3000	200			2
25	Humboldt Wedag India Pvt. Ltd.,	Raysut Cements - Oman	V separator fan to V Separator	∅ 1180	90	Regulation	98	1
			V separator fan to GCT	∅ 1700	90			1
			Pre heater fan to Raw mill	∅ 850	260			1
			Fresh Air damper for V - Separator	∅ 600	260			1
26	Loesche India Pvt. Ltd.,	Grasim Cements - Tadipatri	Duct to Chimney "S"	∅ 2700	99	Regulation	95	4
			Booster Fan Inlet	∅ 2550	97		99	3
			Duct from Cooler Stack	∅ 3500	260		99	1
27	Loesche India Private Ltd.,	M/s. Grasim Cement - Kotputli	Between PH Fan and Mill Inlet "A"	Dia 5000	255	Regulating	99	1
			By pass Duct "B"	Dia 5300	260	Regulating	99	1
			Recirculation Duct "R"	3200 X 2800	96	Regulating	95	2
			Duct to Chimney	Dia 2100	99	Regulating	99	1
			Fresh Air Damper "Z"	Dia 1400	Ambient	Regulating	99.5	2
			Booster Fan Inlet	Dia 2250	95	Regulation	99	1



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28	Loesche India Private Ltd.,	M/s. Grasim Cement - Aditya II	Fresh Air in mill inlet duct	Dia 1400	150	Regulating	99.5	2
			Between Mill Fan and Bag house	3500 X 2800	150	Regulating	95	1
29	Loesche India Private Ltd.,	M/s. Grasim Cement - Aditya II	Recirculation Duct	Dia 4100	150	Regulation	99	1
			Between Cooler Stack and Booster Fan	Dia 2250	325	Regulation	99	1
30	Loesche India Private Ltd.,	M/s. JSW Cement Limited	Duct to Stack	1850 X 1850	150	Regulation	98	1
			Fresh air Duct	1250 X 1250	150	Regulation	99	1
			For Exhaust Gas	Ø 2000mm	150	Regulation	99	1
31	Gebr.Pfeiffer India Pvt. Ltd	M/s. Dalmia Cement Bharat Ltd., Ariyalur	For Re circulation air	Ø 1250mm	150	Regulation	99	1
			Re circulating Air	Ø 3550mm	150	Regulation	99	1
			Fresh Air	Ø 1800mm	100	Regulation	99	1
			IN By pass Duct	Ø 3200mm	400	Regulation	99	1
			Hot gasses from Kiln before	Ø 4400mm	400	Regulation	99	1
32	Gebr. Pfeiffer India Pvt. Limited,	M/s. Gujarat Anjan Cement	Ambient Air	Ø 1200	150	Regulation	99	1
33	M/s. Andhra Cements Limited	M/s. Andhra Cements Limited,	To Bleed Ambient Air into system Raw mill #2	1120 X 1900	250	Regulating	98	2
			To Bleed Ambient Air into system coal mill #1	Ø 400mm	350	Regulating	98	1
			To Bleed Ambient Air into system coal mill #2	800 X 400	350	Regulating	98	1



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34	M/s. Humboldt Wedag India Ltd.,	M/s. ACC, Jordan	Pre heater Tower	Ø 3750	270	Regulating	98	1
35	M/s. Enmas GB Power Systems	M/s. Dalkia Utilities Services Scotland	Boiler Application	528 X 528	165	On - off	99	1
			Boiler Application	450 X 720	380	On - off	99	3
			Boiler Application	570 X 570	380	On - off	99	2
			Boiler Application	1300 X 1550	380	Regulating	99.5	1
			Boiler Application	1248 X 998	165	Regulating	99.5	2
			Boiler Application					
36	M/s. Enmas GB Power Systems	M/s. Dalkia Utilities Services Scotland	Boiler Application	528 X 528	165	On - off	99	1
				450 X 720	380	On - off	99	3
				570 X 570	380	On - off	99	2
				1300 X 1550	380	Regulating	99.5	1
				1248 X 998	165	Regulating	99.5	1
				1520 X 1520	380	Regulating	99.5	1
37	M/s. Enmas GB Power Systems	M/s. Dalkia Utilities Services Scotland	Boiler Application	1540 X 1290	380	Regulating	99.5	1
				1248 X 998	165	Regulating	99.5	1
38	M/s. Flsmidth AirTech Denmark	Jebel, Turkmenistan	Bottom Hopper for HEX	Ø 1232	300	Regulating	99	12
			Bypass FF	Ø 696	300	Regulating	99	2



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Sl. No.	Customer	User	Application	Size in mm	Operating Temp ° C	Duty	% of Sealing Efficiency	Qty in Nos.
39	M/s. Loesche India Pvt Ltd	ABG Cements, Gujarat	PH Fan to Mill	Ø 5050	350	Regulating	99.5	1
			Mill Inlet	Ø 1900	350	Regulating	99.5	1
			Mill Fan to Filter	Ø 4300	100	Regulating	99.5	1
			PH fan to Filter	Ø 6100	350	Regulating	99.5	1
			Recirculation	Ø 3500	150	Regulating	98	1
			After filter inlet	Ø 4300	260	Regulating	99.5	1
			After filter inlet	Ø 4300	260	Regulating	99.5	1
40	M/s. Loesche India Pvt Ltd	ABG Cements, Gujarat	PH Fan to Hot ESP	3962 x 2298	350	Regulating	99.5	1
			Stack	5200 x 1725	150	Regulating	98	1
			Recirculation	Ø 650	150	Regulating	98	1
41	M/s. Loesche India Pvt Ltd	ABG Cements, Gujarat	Stack	Ø 2100	150	Regulating	98	1
			Mill Inlet	Ø 1400	50	Regulating	99.5	1
			Recirculation	3940 x 3265	50	Regulating	98	1
			Before Booster Fan	Ø 1650	350	Regulating	99.5	1
42	M/s. Loesche India Pvt Ltd	ABG Cements, Gujarat	Stack	Ø 3200	150	Regulating	150	1
			Mill Inlet	Ø 1400	300	Regulating	300	1
			Recirculation	3940 x 3265	150	Regulating	150	1
			HAG Outlet	Ø 3150	350	Regulating	350	1





Sl. No.	Customer	User	Application	Size in mm	Operating Temp ° C	Duty	% of Sealing Efficiency	Qty in Nos.
43	M/s. Loesche India Pvt Ltd	ABG Cements, Gujarat	Stack	Ø 3200	150	Regulating	150	1
			Mill Inlet	Ø 1400	300	Regulating	300	1
			Recirculation	3940 x 3265	150	Regulating	150	1
			HAG Outlet	Ø 3150	350	Regulating	350	1
44	M/s. Loesche India Pvt Ltd	KJS Cements, Mp	Ph to Mill	Ø 3400	350	Regulating	99.5	1
			Mill Inlet	Ø 1400	300	Regulating	99.5	1
			Re circulation	Ø3400	150	Regulating	99.5	1
			Mill fan to Bag house	Ø 3250	100	Regulating	98	1
			Ph Fan to filter	Ø 4100	350	Regulating	99.5	1
45	M/s. Loesche India Pvt Ltd	KJS Cements, Mp	PH Fan to Mill inlet	Ø 1800	350	Regulating	99.5	1
			Stack	1234 x2250	150	Regulating	98	1
			Recirculation	Ø 4100	100	Regulating	98	1
46	M/s. Loesche India Pvt Ltd	KJS Cements, Mp	Booster Fan to Mill Inlet	Ø 1700	300	Regulating	98	1
			Mill inlet	Ø 1400	50	Regulating	99.5	1
			Recirculation	3600 x 4250	150	Regulating	98	1
			Stack	Ø 2200	150	Regulating	98	1



Sl. No.	Customer	User	Application	Size in mm	Operating Temp ° C	Duty	% of Sealing Efficiency	Qty in Nos.
47	M/s.Transparent Energy Systems Pvt Ltd	Digvijay Cements	Inlet Damper of Cc Boiler	2000 x 2000	650	Regulating	97	1
			Inlet Damper of Cc Boiler	2000 x 2000	450	Regulating	99	1
			Outlet Damper of Cc Boiler	Ø 2500	300	On - off	99	1
			Bypass Damper for DMP 05	Ø 1300	450	Regulating	99	1
			Bypass Damper for DMP 11 of PHK Boiler	Ø 800	400	Regulating	99	1
			Bypass Damper for DMP 08 of PHK Boiler	Ø 800	400	Regulating	99	1
48	M/s. Flsmidth Airtech Chennai	Tata Steel Ltd Jamshedpur (SP# 3)	New ESP Inlet	Ø 4000	300	On - off	100	1
			New ESP Outlet	3550 x 2800	300	Regulating	100	1
			Existing ESP Inlet	Ø 3700	300	On - off	100	1
			Existing ESP Inlet	Ø 3700	300	On - off	100	1
			Existing ESP Outlet	4300 x 2500	300	Regulating	98.9	1
			Existing ESP Outlet	4300 x 2500	300	Regulating	98.9	1
49	M/s. Humboldt Wedag India Ltd.,	Dungsam Cements, Bhutan	ATM to VRm for Fresh Air	Ø 1225	400	Regulating	98	1
			Preheaster fan to VRM	Ø 2300	400			1
			Pht Fan to Pulse jet Baghouse	Ø 3200	400			1



Sl. No.	Customer	User	Application	Size in mm	Operating Temp ° C	Duty	% of Sealing Efficiency	Qty in Nos.
50	M/s. Humboldt Wedag India Ltd.,	Dungsam Cements, Bhutan	Raw Mill fan to Raw mill	Ø 2250	400	Regulating	98	1
			From Bag house to Coal mill	Ø 1600	150			1
			Recirculation air to Coal mill	Ø 1250	400			1
			From Cyclone to V - Sep	Ø 2000	150			1
			HAG to Cement mill	Ø 1240	500			1
			Cooler gas to Cement mill	Ø 1240	500			1
			From Cyclone to V - Sep	Ø2000	150			1
			From Cooler to V - Sep	Ø 1400	400			1
			From Cyclone to 561 BF 2	Ø 1700	150			1
			From Cyclone to SK Sep	Ø 1500	150			1
			From 561 Bf 1 to Mill	Ø 1000	150			1
			From Cyclone to 562 BF 2	Ø 1700	150			1
			From Cyclone to SK Sep	Ø 1500	150			1
51	M/s. Humboldt Wedag India Pvt Ltd	Dungsam Cements, Bhutan	From 561 BF1 to Mill	Ø 1120	150	Regulating	98	1
			Fresh Air duct for V -Sep	Ø 1250	150			1
			Fresh Air duct for V -Sep	Ø 2500	150			1
			From Cooler Gas to V sep	Ø 1000	400			1



Sl. No.	Customer	User	Application	Size in mm	Operating Temp ° C	Duty	% of Sealing Efficiency	Qty in Nos.
52	M/s. Humboldt Wedag India Pvt Ltd	Ghorahi Cements, Nepal	Raw Mill fan	Ø 1120	200	Regulating	98	1
			Raw Mill fan to Raw mill	Ø 1250	200			1
			Pht. Fan to Pulse jet	Ø 2500	350			1
			Fresh Air Duct	Ø 1000	45			1
			HAG to Ball Mill	Ø 1320	800			1
			Raw mill fan to Pulse Jet BF	Ø 2000	200			1
			Pht.Fan to Pulse Jet	Ø 2500	350			1
			Pht.Fan to Cyclone	Ø 1250	350			1
			HAG to Vertical Mill	Ø 1250	400			1
			Cooler to twin cyclone	Ø 1260	400			1
53	M/s. BMM Ispat Limited	BMM Ispat Limited	Outlet of Econiomizer	Ø 2200	220	Regulating	98	2
54	M/s. Cethar Ltd.,	Ind - Bhrrat Energy	RAPH Inlet	2750 x 2750	100	On - off	99.5	2
			RAPH Outlet	2700 x 2700	400			2
			HOT PA Line	1710 x 1710	400	Regulating		6
			Tempering Air	680 x 680	100	Regulating		6
			RAPH Inlet	2820 x 2820	375	On - off		2
			SCAPH Inlet	2820 x 2820	375	On - off		2



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55	M/s. Cethar Ltd.,	Ind - Bhrart Energy	SCAPH Outlet	2820 x 2820	375	On - off	99.5	2
			RAPH Inlet	8800 x 3400	400			2
			RAPH Outlet	10000 x 3200	200			2
56	M/s. Loesche India Pvt Ltd	Reliance Cement Copn. M.P	Recirculation	3350 x 3900	150	Regulating	98	1
			Stack	Ø 2700	150			1
			Fresh Air	Ø 1400	50			1
			From Cooler	Ø 2000	350			1
			RAPH Inlet	2800 x 4000	350			1
			RAPH Outlet	Ø 580	150			1
57	M/s. Loesche India Pvt Ltd	M/s. Maihar cement	Stack	Ø 2600	150	Regulating	98	2
			From Cooler / HAG	Ø 2350	450			2
			Recirculation	2750 x 3500	150			2
			Mill Inlet	Ø 1400	100			2
			Clinker Mill	Ø 598	350			2
58	M/s. Gea Process Engineering Pvt. Ltd.,	Tata Steel Ltd Jamshedpur	Ducting in Cold Region	Ø 1050	200	Regulating	98	1
				Ø 660	200			1
				Ø 980	200			1



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59	M/s. Gea Process Engineering Pvt. Ltd.,	Tata Steel Ltd Jamshedpur	Ducting in Cold Region	Ø 770	200	Regulating	98	1
			Ducting in Hot Region	Ø 700	200			1
				Ø 585	200			1
				Ø 1090	200			1
				Ø 750	200			1
			Hot & Cold Region - ESP	Ø 750	200			1
				Ø 980	200			1
				Ø 565	200			1
				Ø 1330	200			1
			Ducting in Hot Region	Ø 1150	200			1
				Ø 1450	200			1
				Ø 1450	200			1
				Ø 800	200			1
			Ducting in Cold Region	Ø 850	200			1
				Ø 880	200			1
Ø 1500	200	1						
Ø 1000	200	1						



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60	M/s. ABG Cement Ltd.,	M/s. ABG Cements Ltd.,	Raw Mill	Ø 3100	100	Regulating	99.5	2
61	M/s. Gea Process Engineering Pvt. Ltd.,	Tata Steel Ltd Jamshedpur	Ducting in Cold Region	Ø 850	200	Regulating	98	1
				Ø 880	200			1
				Ø 1500	200			1
61	M/s. JK Paper Ltd.,	JK Paper Ltd., Orissa	Flue Gas Flow Isolation to ID Fan	Ø 1900	250	Regulating	99	1
			Air Flow internatons	910 x 960	100	Regulating	99	1
			ESP to Lime Kiln	Ø 1000	250	Regulating	99.5	1
62	M/s. Gea Process Engineering Pvt. Ltd.,	Sterlite Industries( I ) Ltd., Tuticorin	Converter Secondary Hoods	Ø 1500	100	Regulating	99	8
			Bag House Inlet Bypass	Ø 2700	100	On - off	99	2
			Bag House Outlet	Ø 2900	100	On - off	99	1
63	M/s. Toshali Cements Pvt. Ltd.,	M/s. Toshali Cements Pvt. Ltd.,	Down Comer Duct	Ø 600	400	On - off	98	1
64	M/s. Larsen & Turbo Ltd.,	Tata Steel Ltd., Jamshedpur	CRM	Ø 610	200	On - off	99	1
65	M/s. Chettinad Cement Corpn.Ltd.,	M/s. Chettinad Cement Corpn.Ltd.,	Mill Recirculation Duct	Ø 1800	250	Regulating	98	1
66	M/s. Loesche India Pvt Ltd	Cement Manufacturing Co., Assam	Mil Inlet	Ø 598	150	Regulating	99.5	3
67	M/s. Loesche India Pvt Ltd	Cement Manufacturing Co., Assam	Mil Inlet	Ø 598	150	Regulating	99.5	3
68	M/s. Humboldt Wedag Pvt. Ltd.,	RCW Expansion Project Holcim Lanka	Gases from Cycloneto V Sep	Ø 2000	180	Regulating	99.5	1
			By pass duct to V - Sep	Ø 800	150	Regulating	99.5	1



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69	M/s. Humboldt Wedag Pvt. Ltd.,	RCW Expansion Project Holcim Lanka	Gases from Cycloneto V Sep	Ø 2000	180	Regulating	99.5	1
70	M/s. Loesche India Pvt Ltd	Reliance Cement Copn. U.P	Recirculation	2000 x 3100	200	Regulating	98	2
			Stack	Ø 1550	200			2
			Stack	Ø 1400	100			2
			HGG Outlet	Ø 1500	350			2
			RAPH Outlet	Ø 598	350			4