ACM

- In-line mixed flow
- Circular
- Plastic/Metal
- 220-240V/1/50Hz

ACM Mixed Flow In-Line fan type ACM

Mixed Flow In-Line fan

Application

A complete range of energy efficient Mixed Flow In-Line fans that are now quieter, offer two and half times the pressure of conventional axial fans and are dimensionally more compact making them ideal for many ducted applications.

Composition

Fan size 100 to 200
All units have a plastic construction and a three speed motors speed selectable on installation and are fitted with Standard Thermal Overload Protection (S.T.O.P.). Designed for ambient temperatures up to +50°C. All sizes with capacitor run motors. All sizes are Class II appliances. Supply voltage 220-240V/1/50Hz.

Fan size 250 & 315
All units have a galvanised construction and a single speed motor and are fitted with Standard Thermal Overload Protection (S.T.O.P.). Designed for ambient temperatures up to +50°C. All sizes with capacitor run motors. All sizes are Class II appliances. Supply voltage 220-240V/1/50Hz.

Order example

- **ACM100T**

Explanation
ACM = Fan type
100 = Diameter of fan
T - Over run timer (not suitable for speed control)

Duct fans

Air performance data														
					l/s @ Pa									
Dia.	Motor Phase	Speed	r.p.m	IP Rating	0	50	100	150	200	300	400	Motor kW	F.L.C Amps	dB(A) @ 3m
100	1	Low	1580	IP44	70	50	10					0.02	0.09	16
100	1	High	2200	IP44	80	70	20					0.02	0.1	22
125	1	Low	1450	IP44	60	40	10					0.02	0.1	17
125	1	High	2400	IP44	90	80	60					0.03	0.12	24
150	1	Low	1645	IP44	130	90	60					0.04	0.17	29
150	1	High	2350	IP44	160	140	120	60				0.05	0.21	36
200	1	Low	1845	IP44	110	60						0.08	0.48	26
200	1	High	2350	IP44	290	260	240	210	170			0.11	0.55	41
250	1		2720	IP54	450		410		350	120	40	0.14	1	53
315	1		2840	IP54	650		610		540	460	150	0.27	1.6	56

Technical data												
Sound data												
Dia.	Motor Phase	Stock Ref	Spectrum	63	125	250	500	1k	2k	4k	8k	dB(A) @ 3m
100	1	ACM100 / 100T	Breakout High	32	36	41	39	37	37	28	22	22
100	1		Breakout Low	30	31	34	36	28	29	23	22	16
100	1		Inlet High	38	42	57	56	54	46	38	30	37
100	1		Inlet Low	35	40	49	49	47	37	28	24	30
100	1		Outlet High	36	41	52	52	53	44	37	28	34
100	1		Outlet Low	38	41	45	46	45	36	28	24	27
125	1	ACM125 / 125T	Breakout High	32	33	38	41	41	40	33	23	24
125	1		Breakout Low	27	33	30	39	30	29	24	22	17
125	1		Inlet High	36	47	53	58	55	53	47	39	39
125	1		Inlet Low	38	42	45	48	45	41	35	26	29
125	1		Outlet High	36	47	51	54	55	50	46	37	37
125	1		Outlet Low	33	41	45	45	44	38	33	25	26
150	1	ACM150 / 150T	Breakout High	26	28	41	45	48	54	41	29	36
150	1		Breakout Low	21	29	45	49	43	44	32	22	29
150	1		Inlet High	40	49	59	63	59	63	55	47	46
150	1		Inlet Low	38	46	52	57	52	54	46	37	38
150	1		Outlet High	36	48	54	60	58	61	54	46	44
150	1		Outlet Low	33	45	49	54	54	52	45	36	37
200	1	ACM200 / 200T	Breakout High	38	53	47	47	56	60	44	33	41
200	1		Breakout Low	26	46	40	34	30	26	18	21	26
200	1		Inlet High	46	52	54	60	61	63	60	49	47
200	1		Inlet Low	38	37	40	41	39	35	24	23	22
200	1		Outlet High	63	68	69	73	70	69	62	54	54
200	1		Outlet Low	53	54	52	52	48	47	39	28	33
250	1	ACM250	Breakout		34	41	43	46	46	42	37	54
250	1		Inlet		34	54	61	65	67	66	55	72
250	1		Outlet		39	64	68	71	70	66	55	78
315	1	ACM315	Breakout		38	41	46	50	49	46	41	58
315	1		Inlet		45	60	66	68	69	67	56	75
315	1		Outlet		47	69	73	74	72	66	57	79