

**CDR Series**  
Centrifugal Single-inlet  
Direct Drive Fans



Medium pressure single inlet centrifugal fans fitted with backward-curved blade impellers with a self-cleaning effect specially designed for paint booths. IE3 efficiency motors for powers equal to or greater than 0,55 Kw except single-phase 2-speed and 8-pole. Class F motors with ball bearings and IP55 protection. Maximum temperature of air to be carried -20°C + 120°C.

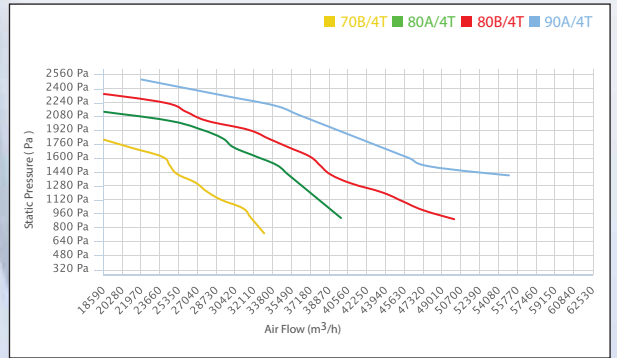
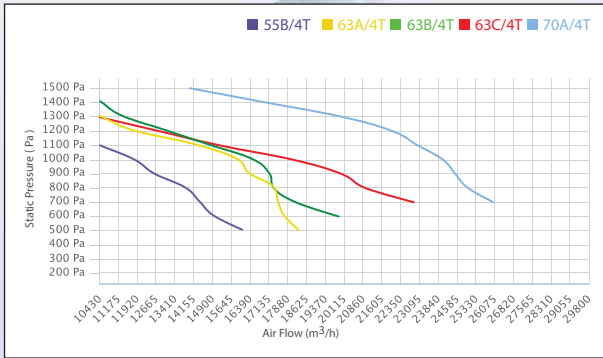
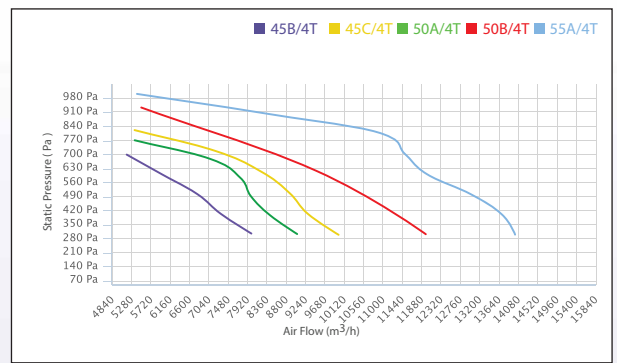
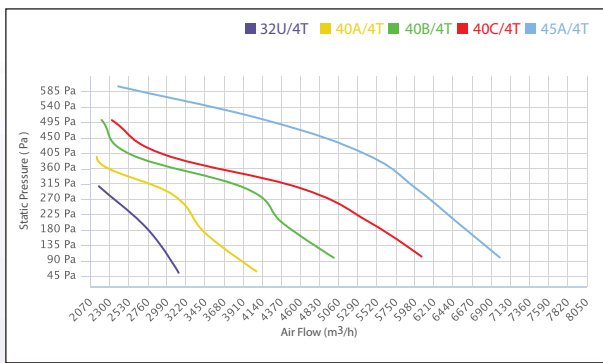
TECHNICAL SPECIFICATIONS

MODEL	MAX. AIR FLOW (m <sup>3</sup> /h)	WATT	PRESSURE (Pa)	DUCT DIMENSIONS(Ø)	RPM(dk)	VOLTAGE (V)
CDR 32A-4T	3000	0,55	400	Ø250	1450	400
CDR 40A-4T	4000	0,75	500	Ø320	1450	400
CDR 40B-4T	5000	0,75	550	Ø320	1450	400
CDR 40C-4T	6000	1,10	600	Ø320	1450	400
CDR 45A-4T	7000	1,10	650	Ø350	1450	400
CDR 45B-4T	8000	1,50	750	Ø350	1450	400
CDR 45C-4T	9000	2,20	800	Ø350	1450	400
CDR 50A-4T	10000	2,20	850	Ø400	1450	400
CDR 50B-4T	12000	3,00	950	Ø400	1450	400
CDR 55A-4T	14000	4,00	1050	Ø450	1450	400
CDR 55B-4T	16000	4,00	1100	Ø450	1450	400
CDR 63A-4T	18000	5,50	1200	Ø500	1450	400
CDR 63B-4T	20000	7,50	1300	Ø500	1450	400
CDR 63C-4T	22000	7,50	1400	Ø500	1450	400
CDR 70A-4T	26000	11,00	1600	Ø650	1450	400
CDR 70B-4T	30000	15,00	1800	Ø650	1450	400
CDR 80A-4T	40000	18,50	2000	Ø745	1450	400
CDR 80B-4T	50000	22,00	2250	Ø745	1450	400
CDR 70B-6T	20000	5,50	450	Ø650	1000	400
CDR 80C-6T	30000	7,50	500	Ø745	1000	400

AIR FLOW PERFORMANCE DATA

MODEL	AIR FLOW PERFORMANCE DATA/ PA / (m <sup>3</sup> /h)											
	100	200	300	400	500	600	700	800	900	1000	1100	1200
CDR 32A-4T	3000	2500	1700	-	-	-	-	-	-	-	-	-
CDR 40A-4T	4000	3200	2700	1500	-	-	-	-	-	-	-	-
CDR 40B-4T	5000	4300	3800	2200	1800	-	-	-	-	-	-	-
CDR 40C-4T	6000	5400	4600	3000	2400	-	-	-	-	-	-	-
CDR 45A-4T	7000	6500	6000	5400	4200	2400	-	-	-	-	-	-
CDR 45B-4T	-	-	8000	6700	5700	4200	2700	-	-	-	-	-
CDR 45C-4T	-	-	9000	8000	7300	5700	5800	3000	-	-	-	-
CDR 50A-4T	-	-	10000	9000	8400	7300	6000	3360	-	-	-	-
CDR 50B-4T	-	-	12000	11000	9600	8400	7500	6000	4000	-	-	-
CDR 55A-4T	-	-	14000	13700	13000	12000	11500	11000	8400	5400	-	-
CDR 55B-4T	-	-	-	-	16000	14000	13000	12000	9800	8400	6000	-
CDR 63A-4T	-	-	-	-	18000	17300	17000	16800	15600	15000	13000	10000
CDR 63B-4T	-	-	-	-	-	20000	18000	19000	16800	16000	14000	12000
CDR 63C-4T	-	-	-	-	-	-	22000	24500	19000	17000	14000	11500
CDR 70A-4T	-	-	-	-	-	-	26000	31000	24500	24000	23000	22000
CDR 70B-4T	-	-	-	-	-	-	33000	40000	31000	30000	27000	25000
CDR 80A-4T	-	-	-	-	-	-	-	50000	40000	39000	38000	37000
CDR 80B-4T	-	-	-	-	-	-	-	-	50000	47000	45000	43000

MODEL	AIR FLOW PERFORMANCE DATA/ PA / (m <sup>3</sup> /h)											
	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
CDR 32A-4T	-	-	-	-	-	-	-	-	-	-	-	-
CDR 40A-4T	-	-	-	-	-	-	-	-	-	-	-	-
CDR 40B-4T	-	-	-	-	-	-	-	-	-	-	-	-
CDR 40C-4T	-	-	-	-	-	-	-	-	-	-	-	-
CDR 45A-4T	-	-	-	-	-	-	-	-	-	-	-	-
CDR 45B-4T	-	-	-	-	-	-	-	-	-	-	-	-
CDR 45C-4T	-	-	-	-	-	-	-	-	-	-	-	-
CDR 50A-4T	-	-	-	-	-	-	-	-	-	-	-	-
CDR 50B-4T	-	-	-	-	-	-	-	-	-	-	-	-
CDR 55A-4T	-	-	-	-	-	-	-	-	-	-	-	-
CDR 55B-4T	-	-	-	-	-	-	-	-	-	-	-	-
CDR 63A-4T	8400	-	-	-	-	-	-	-	-	-	-	-
CDR 63B-4T	10000	9000	-	-	-	-	-	-	-	-	-	-
CDR 63C-4T	9000	-	-	-	-	-	-	-	-	-	-	-
CDR 70A-4T	20000	17000	14000	-	-	-	-	-	-	-	-	-
CDR 70B-4T	24000	20000	19700	19000	15000	11000	-	-	-	-	-	-
CDR 80A-4T	36000	35000	34000	32000	30000	29000	27000	24000	18000	-	-	-
CDR 80B-4T	40000	38000	37000	36000	34000	32000	30000	26000	24000	22000	16000	-



## DIMENSIONS

MODEL	DIMENSIONS / mm			
	A	B	C	ØD
CDR 32	600	600	525	250
CDR 40	700	700	600	320
CDR 45	700	700	605	350
CDR 50	790	790	705	400
CDR 55	870	870	770	450
CDR 63	1000	1000	900	500
CDR 70	1100	1100	950	650
CDR 80	1230	1230	1260	745

