

CCT

VENTILATORI CENTRIFUGHI CASSONATI A TRASMISSIONE OMOLOGATI 400 °C/2h

400 °C/2h CERTIFIED BELT DRIVEN CENTRIFUGAL BOX FANS



OMOLOGAZIONE APPLUS N° 0370-CPR-0834 PER FUNZIONAMENTO A 400 °C/2 ORE (NORMA UNI-EN 12101-3).

I ventilatori serie "CCT" a doppia aspirazione a trasmissione sono ventilatori centrifughi cassonati a pale avanti per utilizzo industriale. Essi vengono impiegati per gli impianti di aspirazione dove è necessario aspirare aria e/o fumi con temperature fino a 200 [°C] in caso di servizio continuo o fino a 400 [°C] per 2 ore consecutive in caso d'incendio.

APPLUS HOMOLOGATION N° 0370-CPR-0834, GUARANTEED TO OPERATE FOR TWO HOURS AT 400 °C (UNI-EN 12101-3 STANDARD). "CCT" models are double inlet box fans with forward bladed belt driven impellers. They are mainly used in industrial settings wherever there is a need to evacuate high temperature smoke and fumes, either continuously (up to 200 [°C]) or in case of fire (up to 400 [°C], but in this case the fan is guaranteed to work for two hours only).

COSTRUZIONE E SPECIFICHE TECNICHE

L'intera gamma prodotta copre un campo di portate che varia da un minimo di 1500 m³/h a un massimo di 35000 m³/h, con pressioni statiche comprese tra un minimo di 100 [Pa] e un massimo di 1760 [Pa].

Ciascuna unità si compone di:

- struttura in lamiera di acciaio zincata completamente smontabile
- un ventilatore a doppia aspirazione con girante centrifuga a pale avanti
- un motore elettrico serie UNEL MEC, IP 55, singola o doppia velocità, isolamento classe "F", trasmissione e supporti auto-allineanti. L'intero gruppo è posizionato all'esterno della struttura, quindi fuori dalla corrente di fumi caldi, con conseguente incremento di affidabilità e durata
- due carter di protezione, uno per pulegge e cinghie motore, l'altro per l'albero della girante che sporge dal lato opposto
- una piastra porta motore regolabile in altezza che consente un tensionamento ottimale delle cinghie, con possibilità di posizionare trasmissione e motore indifferentemente a destra o a sinistra dell'unità (guardando la bocca di espulsione) secondo le esigenze dell'impianto.

MANUFACTURING AND TECHNICAL FEATURES

Air flow rate ranges from a minimum of 1500 m³/h to a maximum of 35000 m³/h, while static pressure ranges from a minimum of 100 [Pa] to a maximum of 1760 [Pa].

Each unit consists of:

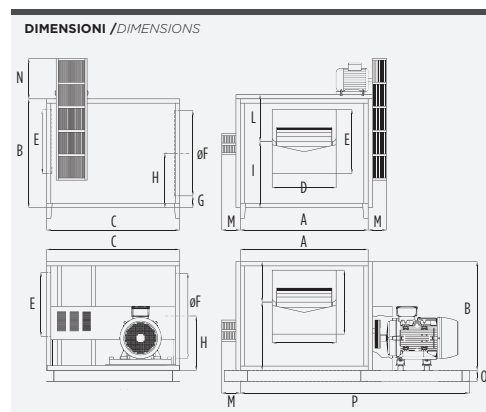
- a boxed structure made of galvanized steel sheets, which can be completely disassembled;
- a double inlet fan with a forward-bladed centrifugal impeller
- an UNEL MEC electric motor, IP 55, single or double speed, class "F" insulation, with transmission belt and self-centering bearings. All components are located outside the unit structure and as such they are not touched by hot smoke and fumes, thus improving the unit life and reliability;
- a protection guard for the motor belts and pulleys and one for the impeller shaft protruding from the opposite side of the boxed structure
- a motor support plate which can be adjusted in height to optimally tighten the motor belts. This plate can also be positioned either on the left or right side of the fan outlet, depending on the desired layout.

ACCESSORI

- Regolatori di velocità
- Interruttore di sicurezza
- Serranda di regolazione
- Tetto parapigioggia

ACCESSORIES

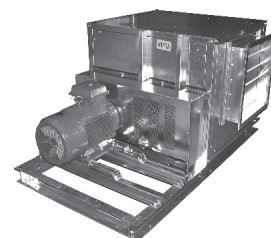
- Speed controllers
- Safety switch
- Regulation damper
- Rain cover roof



DIMENSIONI / DIMENSIONS															
TAGLIA SIZE	A	B	C	D	E	F	G	H	I	L	M	N¹	O	P²	[Kg]
250	600	600	650	300	300	405	100	300	370	230	158	270/350	100	1100	60
300	700	680	730	350	350	500	100	340	425	255	173	340/410	100	1200	85
350	800	750	860	400	400	610	100	375	470	280	173	340/410	100	1580	130
400	900	840	1030	450	450	650	100	420	535	305	173	360/420	100	1680	180
450	1000	960	1200	500	500	750	100	480	630	330	173	350/420	120	1850	230
500	1200	1020	1250	600	600	800	100	510	640	380	173	380/420	120	2150	280

Configurazione con motore sopra ventilatore per tutti i modelli aventi motore di potenza pari o inferiore a 7,5 kW; configurazione con motore a terra per tutti i modelli di potenza superiore a 7,5 kW.

Models equipped with an electric motor which power is 7.5 kW or less have the motor placed on top of the box fan. Models equipped with an electric motor which power is greater than 7.5 kW have the motor placed on the ground.



DATI TECNICI / TECHNICAL DATA

CCT		DATI TECNICI TECHNICAL DATA					ACCESSORI ACCESSORIES
MODELLO MODEL	CODICE CODE	FASE PHASE	PORT.ARIA. MAX MAX. AIRFLOW	PRESS. ST. MAX. MAX. ST. PRESS.	POTENZA POWER	VELOCITÀ SPEED	TETTO RAIN COV. ROOF
			[m³/h]	[Pa]	[kW]	[RPM]	codice/code
CCT 250/A	9999991	3	5700	760	2,2	1800	7999643
CCT 250/B	9999988	3	5100	600	1,5	1600	
CCT 250/C	9999985	3	4300	440	1,1	1400	
CCT 250/D	9999982	3	3700	340	0,75	1200	
CCT 250/E	9999979	3	3200	220	0,37	1000	
CCT 250/A - 4/6	9999990	3	5700/3600	760/330	2,2/0,75	1800/1150	
CCT 250/B - 4/6	9999987	3	5100/3200	600/260	1,7/0,6	1600/1020	
CCT 250/C - 4/6	9999984	3	4300/2700	440/200	1,1/0,37	1400/900	
CCT 250/D - 4/6	9999981	3	3700/2300	340/145	0,8/0,28	1200/770	
CCT 250/E - 4/6	9999978	3	3200/2000	220/100	0,37/0,12	1000/640	
CCT 250/A - 4/8	9999989	3	5700/2850	760/185	2,5/0,58	1800/900	
CCT 250/B - 4/8	9999986	3	5100/2550	600/145	1,83/0,44	1600/800	
CCT 250/C - 4/8	9999983	3	4300/2150	440/110	1,17/0,29	1400/700	
CCT 250/D - 4/8	9999980	3	3700/1850	340/80	0,91/0,22	1200/600	
CCT 250/E - 4/8	9999977	3	3200/1600	220/60	0,47/0,11	1000/500	
CCT 300/A	9999976	3	9800	1100	5,5	1800	7999642
CCT 300/B	9999973	3	8800	880	4	1600	
CCT 300/C	9999970	3	7700	660	3	1400	
CCT 300/D	9999967	3	6700	480	2,2	1200	
CCT 300/E	9999964	3	5500	340	1,1	1000	
CCT 300/A - 4/6	9999975	3	9800/6200	1100/490	5,9/2	1800/1150	
CCT 300/B - 4/6	9999972	3	8800/5600	880/390	4,2/1,4	1600/1020	
CCT 300/C - 4/6	9999969	3	7700/4900	660/300	3/0,9	1400/900	
CCT 300/D - 4/6	9999966	3	6700/4200	480/220	2,2/0,75	1200/770	
CCT 300/E - 4/6	9999963	3	5500/3500	340/150	1,1/0,37	1000/640	
CCT 300/A - 4/8	9999974	3	9800/4900	1100/275	6,1/1,47	1800/900	
CCT 300/B - 4/8	9999971	3	8800/4400	880/215	4,4/1,1	1600/800	
CCT 300/C - 4/8	9999968	3	7700/3800	660/165	3,38/0,88	1400/700	
CCT 300/D - 4/8	9999965	3	6700/3300	480/120	2,5/0,58	1200/600	
CCT 300/E - 4/8	9999962	3	5500/2700	340/85	1,17/0,29	1000/500	
CCT 350/A	9999961	3	13600	1140	11	1600	7999641
CCT 350/B	9999958	3	12000	860	5,5	1400	
CCT 350/C	9999955	3	10200	630	4	1200	
CCT 350/D	9999952	3	8400	440	2,2	1000	
CCT 350/E	9999949	3	6800	260	1,1	800	
CCT 350/A - 4/6	9999960	3	13600/8700	1140/500	11/3,6	1600/1020	
CCT 350/B - 4/6	9999957	3	12000/7600	860/380	5,9/2	1400/900	
CCT 350/C - 4/6	9999954	3	10200/6500	630/280	4,2/1,4	1200/770	
CCT 350/D - 4/6	9999951	3	8400/5300	440/190	2,2/0,75	1000/640	
CCT 350/E - 4/6	9999948	3	6800/4300	260/120	1,1/0,37	800/510	
CCT 350/A - 4/8	9999959	3	13600/6800	1140/280	11,7/2,9	1600/800	
CCT 350/B - 4/8	9999956	3	12000/6000	860/215	6,1/1,47	1400/700	
CCT 350/C - 4/8	9999953	3	10200/5100	630/160	4,4/1,1	1200/600	
CCT 350/D - 4/8	9999950	3	8400/4200	440/110	2,5/0,58	1000/500	
CCT 350/E - 4/8	9999947	3	6800/3400	260/70	1,17/0,29	800/400	
CCT 400/A	9999946	3	18500	1160	11	1400	7999640
CCT 400/B	9999943	3	16000	840	7,5	1200	
CCT 400/C	9999940	3	13000	580	4	1000	
CCT 400/D	9999937	3	10500	380	2,2	800	
CCT 400/A - 4/6	9999945	3	18500/11800	1160/515	11/3,6	1400/900	
CCT 400/B - 4/6	9999942	3	16000/10200	840/380	7,5/2,5	1200/770	
CCT 400/C - 4/6	9999939	3	13000/8300	580/265	4,2/1,4	1000/640	
CCT 400/D - 4/6	9999936	3	10500/6700	380/170	2,2/0,75	800/510	
CCT 400/A - 4/8	9999944	3	18500/9200	1160/290	11,7/2,9	1400/700	
CCT 400/B - 4/8	9999941	3	16000/8000	840/215	8,8/2,2	1200/600	
CCT 400/C - 4/8	9999938	3	13000/6500	580/150	4,4/1,1	1000/500	
CCT 400/D - 4/8	9999935	3	10500/5200	380/95	2,5/0,58	800/400	
CCT 450/A	9999934	3	25500	1500	22	1400	7999639
CCT 450/B	9999931	3	22000	1100	15	1200	
CCT 450/C	9999928	3	18000	780	7,5	1000	
CCT 450/D	9999925	3	15000	500	4	800	
CCT 450/E	9999922	3	11000	260	1,5	600	
CCT 450/A - 4/6	9999933	3	25500/16300	1500/670	22/6,6	1400/900	
CCT 450/B - 4/6	9999930	3	22000/14000	1100/495	16,1/5,1	1200/770	
CCT 450/C - 4/6	9999927	3	18000/11500	780/340	7,5/2,5	1000/640	
CCT 450/D - 4/6	9999924	3	15000/9600	500/220	4,2/1,4	800/510	
CCT 450/E - 4/6	9999921	3	11000/7000	260/125	1,7/0,6	600/380	
CCT 450/A - 4/8	9999932	3	25500/12700	1500/380	24,2/6,1	1400/700	
CCT 450/B - 4/8	9999929	3	22000/11000	1100/280	15,4/3,6	1200/600	
CCT 450/C - 4/8	9999926	3	18000/9000	780/195	8,8/2,2	1000/500	
CCT 450/D - 4/8	9999923	3	15000/7500	500/125	4,4/1,1	800/400	
CCT 450/E - 4/8	9999920	3	11000/5500	260/70	1,83/0,44	600/300	
CCT 500/A	9999919	3	35000	1850	30	1400	7999638
CCT 500/B	9999916	3	30000	1300	22	1200	
CCT 500/C	9999913	3	25000	900	15	1000	
CCT 500/D	9999910	3	20000	600	7,5	800	
CCT 500/E	9999907	3	16000	340	3	600	
CCT 500/A - 4/6	9999918	3	35000/22400	1850/810	30/11	1400/900	
CCT 500/B - 4/6	9999915	3	30000/19200	1300/595	22/6,6	1200/770	
CCT 500/C - 4/6	9999912	3	25000/16000	900/415	16,1/5,1	1000/640	
CCT 500/D - 4/6	9999909	3	20000/12800	600/265	7,5/2,5	800/510	
CCT 500/E - 4/6	9999906	3	16000/10200	340/150	3/0,9	600/380	
CCT 500/A - 4/8	9999917	3	35000/17500	1850/455	29,4/7,3	1400/700	
CCT 500/B - 4/8	9999914	3	30000/15000	1300/335	24,2/6,1	1200/600	
CCT 500/C - 4/8	9999911	3	25000/12500	900/230	15,4/3,6	1000/500	
CCT 500/D - 4/8	9999908	3	20000/10000	600/150	8,8/2,2	800/400	
CCT 500/E - 4/8	9999905	3	16000/8000	340/85	3,38/0,88	600/300	