

## HTF | A型轴流式消防排烟风机

A type fire-control fan for extraction smoke

用于有消防要求的建筑物，如地铁、隧道、高层建筑、体育馆、地下商场、车间、烘箱等场合的消防排烟和通风换气。

一般采用双速电机，平时低速运行作通风换气用，如一旦发生火灾，通过电控系统自动切换成高速运行，在半小时内迅速排除烟气，使火场内人员安全撤离，保护国家和人民的生命财产安全。

输送空气和其它不自燃，对钢材无腐蚀性气体，气体内不允许有粘性物质，所含的尘土及硬质颗粒物不大于 $150\text{mg}/\text{m}^3$ ，作通风换气时进气温度不得超过 $80^\circ\text{C}$ ，作消防用时，烟气温度应在 $280^\circ\text{C}$ 时能连续运30分钟以上。

It is suitable for ventilation and fire control of tall buildings, subway tunnel, underground stores, gymnasium, etc. This fan is set up with double-speed motor, it operates at a low speed normally and used for ventilation. Once occurrence of fire, the fan is automatically transferred into high-speed and discharge smoke by the electric control system, which facilitates safe evacuation of personnel on the fire spot.

The transporting medium is air or other non-spontaneous-combustion and non-explosive-combustion air with no harm to human. The air transferred shall not contain any adhesive material, dust and grain and the concentration shall not exceed  $150\text{mg}/\text{m}^3$  when the temperature shall not exceed  $80^\circ\text{C}$ . When used for fire control, the fans can run more than 30 minutes continually under the condition that the air and smoke temperature is at  $280^\circ\text{C}$ .



HTF-I(A)型轴流式消防排烟风机(单速系列) HTF-I(A) Single speed series

机号 Model(Nº)	功率 Power(kW)	转速 Rotation(r/min)	流量 Volume(m³/h)	全压 Pressure(Pa)	静压 Staticpressure(Pa)
HTF-I(A)-3.5A	1.1	2800	2550~3684	344~229	308~164
HTF-I(A)-4A-I	0.55	1400	1970~2700	150~90	134~55
HTF-I(A)-4A	1.5	2800	3800~5500	450~330	412~220
HTF-I(A)-4.5A-I	0.75	1400	3060~4250	168~103	152~73
HTF-I(A)-4.5A	2.2	2800	6120~8500	670~410	607~289
HTF-I(A)-5A-I	1.1	1400	3410~4912	188~127	175~100
HTF-I(A)-5A	3	2900	6817~9824	752~510	700~403
HTF-I(A)-5.5A	4	2900	10900~15200	900~530	834~410
HTF-I(A)-6A-I	1.5	1400	6599~8045	190~127	166~92
HTF-I(A)-6A	5.5	2900	13197~16090	950~510	855~370
HTF-I(A)-6.5A	5.5	1450	15300~21500	680~425	570~300
HTF-I(A)-7A-I	3	960	12518~16141	319~267	273~190
HTF-I(A)-7A	7.5	1450	18908~24380	728~610	622~434
HTF-I(A)-8A-I	3	960	17222~20800	317~263	265~188
HTF-I(A)-8A	7.5	1450	26012~31421	545~460	395~288
HTF-I(A)-9A-I	4	960	18216~22186	368~246	332~192
HTF-I(A)-9A	11	1450	27613~33510	840~562	757~439
HTF-I(A)-10A-I	5.5	960	24019~30255	338~276	296~210
HTF-I(A)-10A	11	1450	35000~45679	770~630	682~480
HTF-I(A)-11A-I	5.5	960	36375~38664	387~326	322~252
HTF-I(A)-11A	15	1450	48500~51552	676~580	574~449
HTF-I(A)-12A-I	11	730	43311~47072	416~351	355~273
HTF-I(A)-12A	18.5	970	57748~62763	740~624	632~486
HTF-I(A)-13A-I	11	730	42023~56031	454~338	409~258
HTF-I(A)-13A	18.5	970	56031~74708	807~600	727~458
HTF-I(A)-15A-I	15	730	57031~70350	461~350	414~258
HTF-I(A)-15A	22	970	76041~93800	620~520	575~426

说明：HTF-I(A)型系列轴流式消防排烟风机产品已通过公安部消防产品合格评定中心的检验，并获得中国国家强制性产品认证证书(3C认证)。

HTF-II(A)型轴流式消防排烟风机(双速系列) HTF-II(A) Double speed series

机号 Model(Nº)	功率 Power(kW)	转速 Rotation(r/min)	流量 Volume(m³/h)	全压 Pressure(Pa)	静压 Staticpressure(Pa)
HTF-II(A)-5A	3.1/0.8	2900	6817~9824	752~510	700~403
		1450	3410~4912	188~127	175~100
HTF-II(A)-6A	5.9/1.4	2900	13197~16090	990~510	910~370
		1450	6599~8045	245~127	215~125
HTF-II(A)-7A	9.5/3.1	2900	18908~24380	728~610	622~434
		960	12518~16141	319~267	273~190
HTF-II(A)-8A	9.5/3.1	1450	26012~31421	650~600	605~428
		960	17222~20800	280~263	265~188
HTF-II(A)-9A	12/4	1450	27613~33510	840~562	757~439
		960	18216~22186	368~246	332~192
HTF-II(A)-10A	12/4	1450	35000~45679	770~630	682~480
		960	24019~30255	338~276	296~210
HTF-II(A)-11A	15.5/5.1	1450	48500~51552	680~580	574~449
		960	36375~38664	387~165	133~102
HTF-II(A)-12A	17/8.5	960	55651~62763	740~624	632~486
		720	43311~47072	416~351	355~273
HTF-II(A)-13A	17/8.5	960	56031~74708	807~600	727~458
		720	42023~56031	454~338	409~258
HTF-II(A)-15A	21/11	960	76041~93800	480~423	390~215
		720	57031~70350	260~220	228~109

说明：HTF-II(A)型系列轴流式消防排烟风机产品已通过公安部消防产品合格评定中心的检验，并获得中国国家强制性产品认证证书(3C认证)。

## HL3-2A/HLF-6 | 混流风机

mixed flow fan

HL3-2A、HLF-6系列低噪声节能混流机，是介于轴流式和离心式通风机之间的一种新型风机，它设计新颖、结构紧凑、体积小、重量轻，具有离心式风机高的压力，轴流风机大的流量，效率高、节能、噪声低、安装方便等特点，可替代2000Pa以下的中、低压离心风机，广泛用于工业、民用建筑通风除尘等。

HL3-2A/HLF-6 mixed flow fan is a new kind of fan between an axial fan and a centrifugal fan. The product is featured by new design, compact structure, small size, light weight, high efficiency, high pressure, low noise, easy installation, etc. It can take place of the low and middle pressure centrifugal fans under 2000Pa, and is widely used to transport air and remove dust in industrial, civil buildings.



HL3-2A 型 type



HLF-6 型 type

机号 Model(Nº)	功率 Power(kW)	电压 Voltage(V)	转速 Rotation(r/min)	流量 Volume(m³/h)	全压 Pressure(Pa)	静压 Staticpressure(Pa)
4.0A	0.37	380	940	2136~3560	132~85	124~62
	0.75	380	1420	3227~5378	302~193	283~140
	5.5	380	2900	6591~10985	1262~806	1182~585
4.5A	0.55	380	940	3042~5069	178~107	157~78
	1.1	380	1420	4595~7658	406~245	358~178
	7.5	380	2900	9385~15641	1697~1020	1496~741
5.0A	0.75	380	940	4172~6954	197~133	185~97
	2.2	380	1450	6436~10727	470~294	440~231
	15	380	2900	12872~21454	1880~1176	1760~924
6.0A	0.75	380	720	6438~9010	192~115	176~91
	1.5	380	950	8494~11887	335~201	307~158
	5.5	380	1450	12965~18144	780~468	716~368
6.5A	1.1	380	720	9065~12629	202~119	183~102
	2.2	380	950	11961~16663	352~208	319~178
	7.5	380	1450	18256~25433	821~485	742~415
7.0A	1.5	380	720	9518~13043	236~150	214~131
	3.0	380	960	12690~17391	420~266	380~232
	11	380	1450	21356~29268	960~606	866~529
7.5A	2.2	380	720	10062~16913	294~175	260~146
	5.5	380	960	13417~22550	522~311	462~261
	15	380	1450	20265~34060	1192~710	1054~596
8.0A	2.2	380	720	15368~21450	315~179	286~148
	5.5	380	960	20490~28601	560~318	510~264
	18.5	380	1450	30949~43199	1276~725	1164~603
8.5A	3.0	380	720	15041~25280	352~229	308~156
	7.5	380	960	20054~33706	625~407	549~277
	22	380	1450	30290~50910	1425~928	1253~632
9.0A	4.0	380	720	23055~34300	366~235	326~162
	11	380	970	31060~46211	665~427	592~295
	30	380	1450	46431~69078	1485~956	1323~658
10A	7.5	380	730	27670~43110	531~287	486~252
	15	380	970	36766~57284	938~507	858~446
	55	380	1450	54960~85631	2097~1134	1917~997
11A	11	380	730	31854~53542	651~340	535~296
	22	380	970	42327~71146	1151~602	945~526
	90	380	1460	63708~107085	2607~1364	2140~1191
12A	15	380	730	40932~68805	730~349	656~300
	37	380	980	54951~92368	1316~629	1184~542
	132	380	1470	82426~138552	2961~1415	2664~1219
12.5A	18.5	380	730	66211~83954	780~360	709~310
	45	380	980	88886~112705	1405~650	1278~560
	160	380	1470	133329~169058	3161~1463	2875~1260