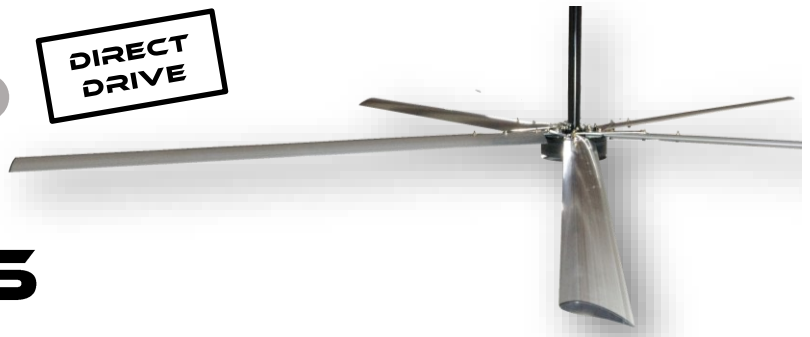


HPF 500-D SERIES HVLS FANS

**DIRECT
DRIVE**



**SOPHISTICATED, VERSATILE, POWERFUL, & EFFICIENT FANS FOR
COMMERCIAL & LIGHT INDUSTRIAL SPACES**

AIRFOILS - FIVE ANODIZED ALUMINUM AIRFOILS

WINGLETS - BLACK AIRFOIL TIP COVERS PROVIDE A FINISHED LOOK AT THE TIP OF THE AIRFOILS

DIRECT DRIVE MOTOR - PURPOSE BUILT DIRECT DRIVE MOTOR FOR QUIET AND RELIABLE OPERATION, UP TO 50% MORE EFFICIENT THAN SIMILAR FANS THAT USE A GEARMOTOR, ZERO MAINTENANCE

HUB ASSEMBLY - INTEGRATED INTO THE MOTOR DESIGN FOR A PERFECTLY BALANCED ASSEMBLY

CONTROLLER - WALL MOUNTED VFD ENCLOSURE WITH ROTARY SWITCH OR DIGITAL KEYPAD CONTROL OPTIONS, VARIABLE SPEED CONTROL, REVERSIBLE

MOUNTING - UPPER MOUNT WITH 1 FT. EXTENSION STANDARD, OPTIONAL MOUNT KITS FOR BAR JOISTS, PURLINS, I-BEAMS, WOOD FRAMES, AND SOLID BEAMS

SAFETY FEATURES - HEAVY DUTY STRUTS, SAFETY LINKS, SAFETY CABLES, GRADE 8 BOLTS, OPTIONAL GUY WIRE KIT AND FIRE ALARM RELAY AVAILABLE

COLORS - STANDARD COLORS FOR HPF 500-D SERIES HVLS FANS ARE SILVER AND BLACK; CUSTOM COLORS AVAILABLE UPON REQUEST

WARRANTY - LIFETIME MECHANICAL, 10-YEAR POWERTRAIN, & 3-YEAR ELECTRICAL

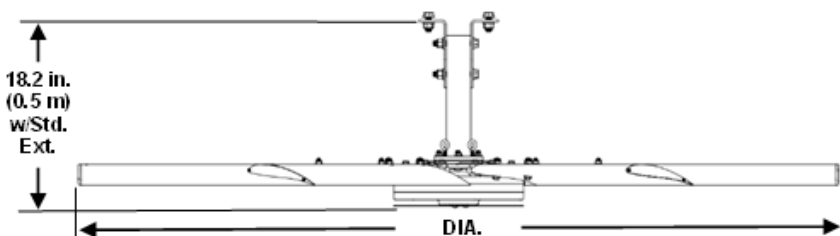


TECHNICAL SPECIFICATIONS

FAN DIAMETER	16 Ft. (4.9 m)	18 Ft. (5.5 m)	20 Ft. (6.1 m)	22 Ft. (6.7 m)	24 Ft. (7.3 m)
WEIGHT*	117 lb (53.2 kg)	123 lb (55.9 kg)	130 lb (59.1 kg)	137 lb (62.3 kg)	143 lb (65 kg)
MAXIMUM SPEED	73 RPM	61 RPM	50 RPM	40 RPM	35 RPM
MOTOR HORSEPOWER	1 HP (0.75 kW)				
MAXIMUM CFM	115,618 CFM	130,568 CFM	137,113 CFM	158,580 CFM	181,429 CFM
AIRFOIL CLEARANCES	3 Ft. (0.9 m) on sides 4 Ft. (1.2 m) below ceiling				
COVERAGE AREA**	3 to 5 Times Diameter				
INPUT POWER AND REQUIRED BREAKER	200-240 VAC, 1 Ph., 50/60 Hz., 10 A 380-480 VAC, 3 Ph., 50/60 Hz., 5 A				

* Weight includes standard upper mount and 1 ft. extension tube

** Dependent upon obstructions within the flow path



WILLOUGHBY, OHIO • (440) 895-7676 • WWW.HIGHPERFORMANCEFAN.COM

INFO@HIGHPERFORMANCEFAN.COM

FAN CONTROLS



ROTARY SWITCH

THE SIMPLEST AND MOST ECONOMICAL CONTROL OPTION; PROVIDES USERS WITH THE ABILITY TO TURN THEIR FAN ON/OFF, REVERSE THE FAN, AND VARY THE FAN SPEED INFINITELY, A VERY RELIABLE CONTROL OPTION, MOUNTS TO ANY 2-GANG OUTLET BOX

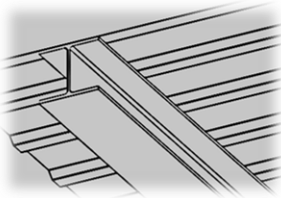


DIGITAL KEYPAD CONTROL

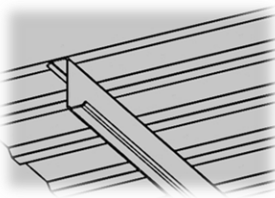
CONTROL AN INDIVIDUAL FAN USING THE DIGITAL KEYPAD CONTROL, ACCESS VFD PARAMETERS AND TROUBLESHOOT REMOTELY FROM GROUND LEVEL, A RELIABLE CONTROL OPTION WITH A OUTLET BOX/WALL MOUNTING PLATE

MOUNTING OPTIONS

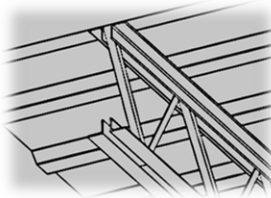
I-BEAM



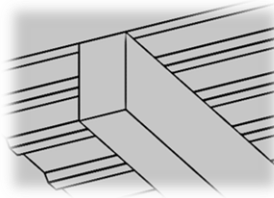
PURLIN



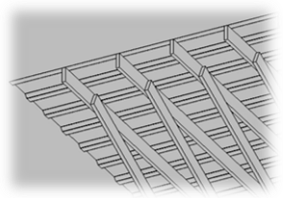
BAR JOIST



SOLID BEAM



WOOD FRAME



ORDER GUIDE

EXAMPLE: **HPF518D2201310**

HPF	Fan Series	Fan Diameter	Line Voltage	Controller	Color	Mount Kit	Mounting Extension	Guy Wire Kit	Fire Alarm Relay
	5 - 500-D Series	16D - 16 Ft. Dia. 18D - 18 Ft. Dia. 20D - 20 Ft. Dia. 22D - 22 Ft. Dia. 24D - 24 Ft. Dia.	1 - 110-120 VAC, 1 Phase 2 - 208-240 VAC, 1 Phase 3 - 380-480 VAC, 3 Phase	0 - No Control (Multi-Fan Option) 1 - Rotary Switch w/50 Ft. Cable 2 - Rotary Switch w/75 Ft. Cable 3 - Rotary Switch w/100 Ft. Cable 4 - Rotary Switch w/Custom Cable 5 - Digital Control w/50 Ft. Cable 6 - Digital Control w/75 Ft. Cable 7 - Digital Control w/100 Ft. Cable 8 - Digital Control w/Custom Cable 9 - Multi-Fan Touch Screen Control	0 - Standard 1 - Custom	0 - Std. Mount 1 - I-Beam 2 - Purlin 3 - Solid Beam 4 - Bar Joist 5 - Wood Frame	1 - 1 Ft. 2 - 2 Ft. 3 - 3 Ft. 4 - 4 Ft. 5 - 5 Ft. 6 - 6 Ft. 7 - 7 Ft. 8 - 8 Ft. 9 - Custom	0 - None 1 - Included	0 - None 1 - Included

**FOLLOW US ON
SOCIAL MEDIA**



**CONTACT US
TODAY!**

