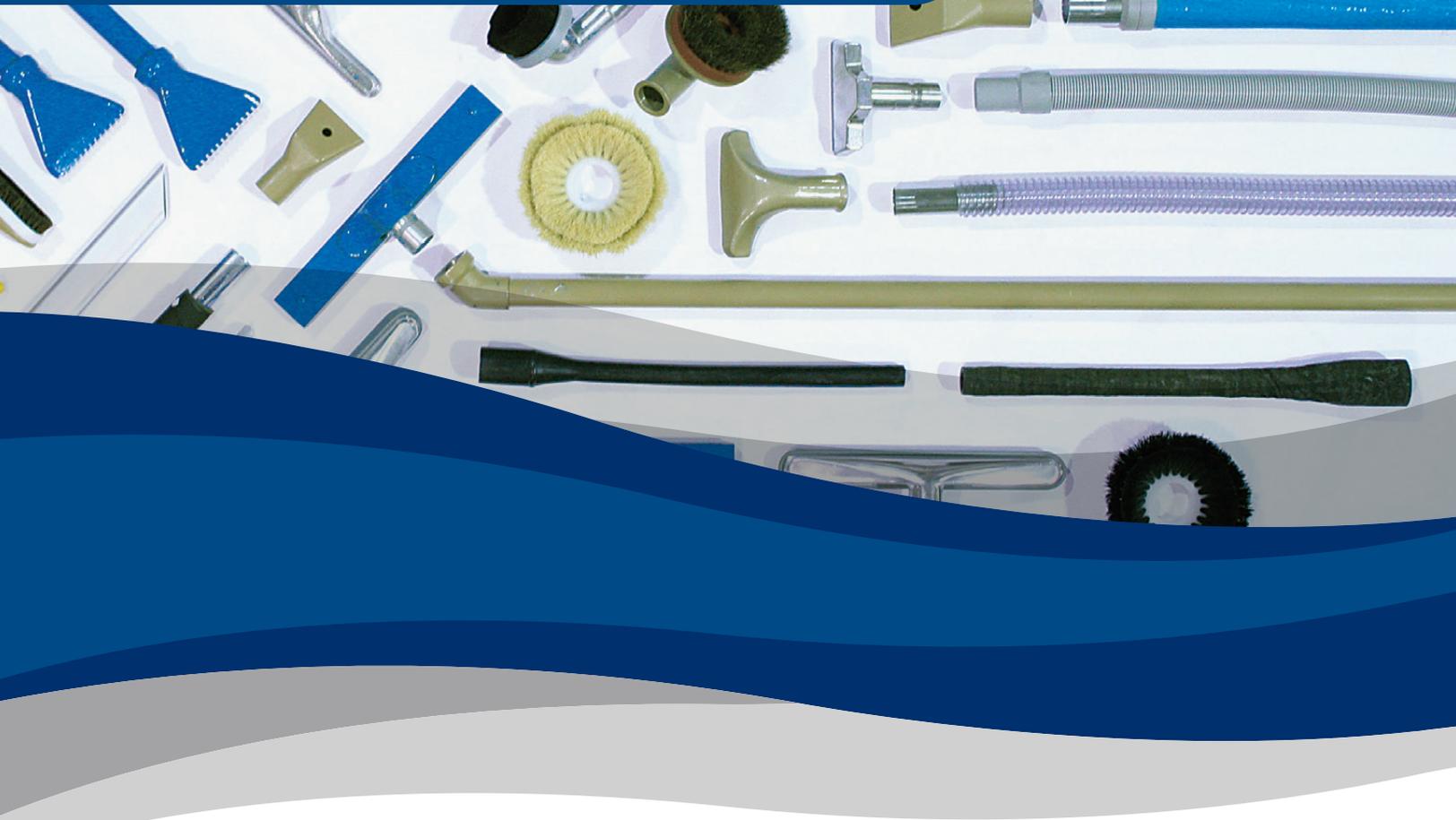




INDUSTRIAL VACUUM SYSTEMS

HOSE, TOOLS & ACCESSORIES





Industrial Vacuum HOSES, TOOLS & ACCESSORIES

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Engineered Vacuum Systems By Hoffman® & Lamson®



For more than 100 years, two names have been synonymous with engineered vacuum system solutions for industrial applications: Hoffman and Lamson. Today, these legacies are joined under one roof, creating the most comprehensive line of Engineered Vacuum Systems in the world.

In making buying decisions, today more than ever, it is critical to be concerned with factors other than price. Other variables such as efficiency, convenience, future requirements, healthy work environment and compliance with domestic and international regulations must also be considered. Our broad line of products and engineering expertise make it possible to design a complete vacuum system with optimum performance and capability at the lowest operational expense possible.

Hose, tools and accessories are a small part of the Hoffman & Lamson products offered to the vacuum marketplace. This vast product offering ranges from the rugged pre-engineered portables and stationary systems including the the MultiFlow and T-Vac, to the custom designed, engineered vacuum system that services an entire facility using a fabricated or cast multistage centrifugal vacuum producer. Controls are available to protect your vacuum system or to seamlessly integrate the system into a distributed control system. A complete line of Smooth Flow tubing and fittings simplify installation and reduce piping loss. A variety of valves, collectors and filters are available to increase the efficiency of your system.

COLLECTORS



VACUUM PRODUCERS



Cast Series

T-Series Fabricated

TST Series Standard Overhung Fabricated

TurboTron® Exhaustors

MultiFlow



FLEXIBLE PLASTIC

Lightweight, very flexible, wire reinforced hose. Designed for use in housekeeping or applications requiring repeated flexing. Utilizes high strength reinforcing yarns and a coated spring steel wire helix between layers of ethylene vinyl acetate or polyvinyl chloride (larger sizes).

DIA.	WT/FT IN LBS	BEND RADIUS	TEMP RANGE °F	10'	15'	25'	50'
1.5"	0.20	1"	-20° to 120°	AFW7515101	AFW7515151	AFW7515251	AFW7515501
2.0"	0.25	1"		AFW7520101	AFW7520151	AFW7520251	AFW7520501
2.5"	0.30	1"		AFW7525100	AFW7525150	AFW7525250	AFW7525500
3.0"	0.45	2"		AFW7530100	AFW7530150	AFW7530250	AFW7530500

HEAVY-DUTY CORRUGATED PVC

Food grade, clear material handling hose. Intended for use in pneumatic conveying systems handling dry powders, pellets or granulars. Designed with a convoluted cover for increased flexibility and a smooth bore to eliminate material build up, reduce wear and minimize pressure loss.

DIA.	WT/FT IN LBS	BEND RADIUS	TEMP RANGE °F	10'	15'	25'	50'
1.5"	0.49	3"	14° to 104°	AFW7015101	AFW7015151	AFW7015251	AFW7015501
2.0"	0.58	4"		AFW7020101	AFW7020151	AFW7020251	AFW7020501
2.5"	0.88	5"		AFW7025100	AFW7025150	AFW7025250	AFW7025500
3.0"	1.25	6"		AFW7030100	AFW7030150	AFW7030250	AFW7030500
4.0"	1.92	10"		AFW7040100	AFW7040150	AFW7040250	AFW7040500
5.0"	2.53	16"		AFW7050100	AFW7050150	AFW7050250	AFW7050500
6.0"	3.75	18"		AFW7060100	AFW7060150	AFW7060250	AFW7060500
8.0"	5.25	36"		AFW7080100	AFW7080150	AFW7080250	AFW7080500

Note regarding all Gardner Denver Hoses with Part Numbers starting with "AFW" - Part numbers that end in "1" are grounded, having a braided SST wire protruding from the cuff of the hose. The wire provides a grounded path from an inserted hand tool or floor rod connection to the inlet valve. Part numbers that end in "0" are not grounded. All hoses come with removable hose adapters/nipples that provide a convenient connection for use with the "HF" style accessories. However, the hose adapters/nipples can be removed for connection to the "AFW" style commercial-duty and industrial-duty hand tools and floor rods.

Note above diameters are ID not OD. Other sizes and types available, consult HOFFMAN & LAMSON for more information.

HEAVY-DUTY RUBBER

Thick wall, wire reinforced rubber hose. Ideal for pneumatic conveying systems handling abrasive material. Special EPDM compound and smooth bore resist abrasion and result in longer life. Heavy spring steel wire helix and fabric reinforcement provide crush resistance and durability. The corrugated version provides greater flexibility.

SMOOTH

DIA.	WT/FT IN LBS	BEND RADIUS	TEMP RANGE °F	10'	15'	25'	50'
1.5"	0.71	3"	0° to 212°	AFW7315101	AFW7315151	AFW7315251	AFW7315501
2.0"	0.88	4"		AFW7320101	AFW7320151	AFW7320251	AFW7320501
2.5"	1.12	5"		AFW7325100	AFW7325150	AFW7325250	AFW7325500
3.0"	1.32	6"		AFW7330100	AFW7330150	AFW7330250	AFW7330500



CORRUGATED EXTERIOR

DIA.	WT/FT IN LBS	BEND RADIUS	TEMP RANGE °F	10'	15'	25'	50'
1.5"	0.42	3"	0° to 212°	AFW7615101	AFW7615151	AFW7615251	AFW7615501
2.0"	0.53	3"		AFW7620101	AFW7620151	AFW7620251	AFW7620501
2.5"	0.66	4"		AFW7625100	AFW7625150	AFW7625250	AFW7625500
3.0"	0.77	4"		AFW7630100	AFW7630150	AFW7630250	AFW7630500
4.0"	1.39	7"	-40° to 158°	AFW7640100	AFW7640150	AFW7640250	AFW7640500
5.0"	2.47	10"		AFW7650100	AFW7650150	AFW7650250	AFW7650500
6.0"	3.08	18"		AFW7660100	AFW7660150	AFW7660250	AFW7660500
8.0"	5.65	36"		AFW7680100	AFW7680150	AFW7680250	AFW7680500



F-STYLE, PVC

(For product description, see Flexible Plastic hose)

DIA.	WT/FT IN LBS	BEND RADIUS	TEMP RANGE °F	10'	15'	25'	50'
1.5"	0.20	1"	-20° to 120°	HF10392560	HF10392561	HF10392562	HF10392563
2.0"	0.25	1"		HF10390426	HF10390427	HF10390428	HF10390429



HC STYLE, CLEAR PVC

(For product description, see Heavy-Duty Corugated PVC hose)

DIA.	WT/FT IN LBS	BEND RADIUS	TEMP RANGE °F	10'	15'	25'	50'
1.5"	0.49	3"	14° to 104°	HF10392609	HF10392610	HF10392611	HF10392612
2.0"	0.58	4"		HF10390461	HF10390462	HF10390463	HF10390464



RS STYLE, RUBBER

(For product description, see Heavy-Duty Rubber hose)

DIA.	WT/FT IN LBS	BEND RADIUS	TEMP RANGE °F	10'	15'	25'	50'
1.5"	0.71	3"	0° to 212°	HF10392582	HF10392573	HF10392574	HF10392576
2.0"	0.88	4"		HF10390443	HF10390434	HF10390435	HF10390437



COMMERCIAL DUTY FLOOR RODS

For use with commercial duty tools, these rods offer durability, versatility and lighter weight for the user.

DESCRIPTION	1½"
54" Double curved aluminum floor rod with hose swivel	HF10392605
54" Double curved steel floor rod with hose swivel	HF10392606*
54" Double curved aluminum floor rod with friction fit	HF00896110
54" straight aluminum rod for overhead cleaning	HF00896111
Replacement aluminum nut	HF00896113
Replacement ring for tool swivel	HF00896114
Replacement aluminum hose swivel	HF10390325
54" straight aluminum extension rod for HF00896111	HF00896112

COMMERCIAL DUTY FLOOR TOOLS

For general clean-up and lighter duty floor vacuuming on carpeted or hard surface flooring. Commercial duty floor tools are only compatible with commercial duty floor rods.

DESCRIPTION	1½"
14" Cast aluminum carpet tool	HF00896131
12" Cast aluminum gulper tool	HF00896132
18" Cast aluminum gulper tool	HF00896133
14" Cast aluminum floor tool with fiber inserts	HF00896136
14" Cast aluminum floor tool with nylon bristles	HF00896138
Nylon bristles, replacement set for HF00896138 (above)	HF00896139
14" Cast aluminum floor tool with squeegee inserts	HF00896143
Squeegee blades, replacement set for HF00896143 (above)	HF00896144
Squeegee tool and floor brush combination	AFW9342

COMMERCIAL DUTY UTILITY TOOLS

These tools are designed for vacuuming materials around machinery, bins, work tables or flooring. Recommended for car wash applications. Use with 1½" hose unless otherwise noted.

DESCRIPTION	1½"
Slotted aluminum tool with 6" non-swivel wand	AFW1115*
Slotted aluminum tool with 18" non-swivel wand	AFW1127*
Slotted aluminum tool with 6" swivel wand	AFW1117*
Slotted aluminum tool with 18" swivel wand	AFW1129*
Slotted aluminum tool only	AFW1133*
Replacement 18" wand w/ swivel ring	AFW1130*
1 1/2" x 4 1/2" non-metallic hand tool	AFW2508
2" x 4 1/2" non-metallic hand tool	AFW2509
1 1/2" w 6" cast iron non-slotted hand tool	AFW1108*
2" x 6" cast iron non-slotted hand tool	AFW1109*



COMMERCIAL DUTY HAND TOOLS

These tools are generally used attached directly to the hose or with overhead or extension rods and are for close-up cleaning jobs such as upholstery, crevices or corners, stairs or overhead pipes. Most commercial duty hand tools can be used with industrial duty overhead rods, with the use of the hand tool adapter.

DESCRIPTION	1½"
Tapered hand tool adapter	HF00896145
6" aluminum upholstery tool (without bristles)	HF00896115
Bristle assembly for HF00896115 (above)	HF00896116
6" aluminum utility tool (without bristles)	HF00896117
6" aluminum utility tool with horsehair bristle assembly	HF20014524
Horsehair bristles only for HF20014524 (above)	HF00896119
3" aluminum dust brush with horsehair bristles	HF00896122
Horsehair bristles only for HF00896122 (above)	HF00896123
3" aluminum dust brush with nylon bristles	HF20014520
Nylon bristles only for HF20014520 (above)	HF20014521
5" aluminum dust brush with horsehair bristles	HF00896124
Horsehair bristles only for HF00896124 (above)	HF00896126
5" aluminum dust brush with nylon bristles	HF20014522
Nylon bristles only for HF20014522 (above)	HF20014523
24" anodized aluminum crevice tool	HF00896128
15" plated steel crevice tool	HF00896129
18" anodized aluminum pick-up nozzle	HF00896130
9" aluminum wall or stair brush	HF00896102
Horsehair bristles only for HF00896102 (above)	HF00896103
Aluminum overhead pipe brush for 6" diameter pipes	HF00896104
Bristles only for HF00896104 (above)	HF00896105
Aluminum overhead pipe brush for 4"-6" diameter pipes	HF00896106
Bristles only for HF00896106 (above)	HF00896107
Aluminum pipe brush for 1"-3" diameter pipes	HF00896108
Bristles only for HF00896108 (above)	HF00896109
6" aluminum swivel hand tool	AFW1112*
Brush only w/ clamp for AFW1112	AFW1107
Brush only for AFW1112	AFW1106

Note commercial duty rods and tools are not interchangeable with industrial duty rods and tools. Note ships as is unless otherwise stated.

All Gardner Denver Hoses with Part Number starting with "HF" - ALL hoses are grounded, with permanently attached (riveted) steel nipples at both ends. These hoses cannot be used with AFW style accessories.

* = Painted



HF00896108



HF00896130



HF20014522



AFW1112

AFW1106

AFW1107

INDUSTRIAL HEAVY-DUTY FLOOR RODS

For use with industrial duty tools, these rods offer durability in the most severe industrial conditions. These rods must connect to hoses with nipples.

DESCRIPTION	1½"	2"
60" steel floor rod with 45° female tool swivel	HF10392583	HF10390445
60" aluminum floor rod w/ 45deg female tool swivel	HF10392599	N/A
Replacement 45° aluminum tool swivel	HF10038305	HF10038426
Replacement aluminum hose swivel	HF10390325	HF10390450
60" curved steel floor rod with 45° female tool swivel	HF10039240	HF10039447
60" curved aluminum floor rod w/ 45° female tool swivel	HF10390231	N/A
60" straight steel overhead rod with hose swivel	HF10392584	N/A
60" straight aluminum overhead rod w/ hose swivel	HF10392600	N/A
18" straight steel extension rod for overhead rods	HF10038228	N/A
72" straight steel extension rod for overhead rods	HF10039234	N/A
72" straight aluminum extension rod for overhead rods	HF10389209	N/A

INDUSTRIAL HEAVY-DUTY FLOOR TOOLS

Designed to offer years of service in the toughest industrial applications, industrial floor tools are only compatible with industrial floor rods.

DESCRIPTION	1½"	2"
8" aluminum gulper floor nozzle	N/A	HF10038410
15" steel back floor tool w/ fiber inserts	HF10390234	HF10039555
15" steel back floor tool w/ nylon inserts	HF10390279	HF10039546
15" steel back floor tool w/ hair inserts	HF10390280	HF10039547
15" steel back floor tool w/ rubber inserts	N/A	HF10039558
Replacement fiber strip (for HF10390234 & HF10039555)	HF00890295	HF00890295
Replacement hair bristles (for HF10390280 & HF10039547)	HF00895951	HF00895951
Replacement nylon bristles (for HF10390279 & HF10039546)	HF00895953	HF00895953
Replacement rubber strips (for HF10039558)	N/A	HF10038408
12" aluminum bare floor tool	HF10390206	N/A
15" Steel back wheeled tool	HF10392589	N/A
15" Steel back wheeled tool - fiber, nylon	HF10392590	N/A
15" Steel back wheeled tool - hair	HF10392591	N/A

Note 2 strips are required per tool.
 Note standard color Rev Blue.
 Note HF10038305 exterior painted only.



INDUSTRIAL HEAVY-DUTY HAND TOOLS

These tools are generally used to attach directly to the hose or with overhead or extension rods and are for close-up industrial applications, such as vacuuming metal chips or broken glass around machinery. These hand tools connect to hoses with nipples.

DESCRIPTION	1½"	2"
Aluminum hand nozzle with 3" x 1/2" slot	HF10039334	N/A
8" Round aluminum brush with hair bristles in plastic block	HF10392585	N/A
8" Round brush with hair bristles in plastic block - replacement brush only	HF00890276	HF00890276
8" Round aluminum brush with nylon bristles in plastic block - replacement brush only	HF10392587	HF10039519
8" Round brush with nylon bristles in plastic block - replacement brush only	HF00890290	HF00890290
8" Aluminum back brush, hair bristles	HF10039241	N/A
Hair brush only, replacement for HF10039241	HF00890258	N/A
6 1/2" Aluminum back brush, hair bristles	HF10039370	N/A
Hair brush only, replacement for HF10039370	HF10038360	N/A
20" Flexible rubber nozzle	HF00890403	HF00895221
4" Aluminum gulper tool	N/A	HF10038444
6" Aluminum hand nozzle	N/A	HF10039414
Aluminum hand nozzle with 6" x 1/2" slot	HF10389382	N/A
5" Aluminum round brush, hair bristles	HF10039246	N/A
Hair brush in plastic block, replacement for HF10039246	HF00890256	N/A



INDUSTRIAL HEAVY-DUTY BULK PICKUP TOOLS

Designed for pickup of larger volume dry materials. Available in stainless steel by special order. Bulk pickup tools require "AFW" style hoses.

DESCRIPTION	1½"
1 1/2" X 23" plastic gulper tool	AFW1331
1 1/2" x 40" steel gulper tool	AFW1174
2" X 40" steel gulper tool	AFW2593
2 1/2" X 40" steel gulper tool with handle	AFW1397
3" X 40" steel gulper tool with handle	AFW1154
4" X 40" steel gulper tool with handle	AFW1155

INDUSTRIAL HEAVY-DUTY ADJUSTABLE BLEEDER TOOLS

Engineered to efficiently pick up dense materials, such as sand, where airflow is restricted. Available in stainless steel by special order. Bleeder tools require "AFW" style hoses.

DESCRIPTION	1½"
1 1/2" X 36" adjustable bleeder tool	AFW1161
2" X 36" adjustable bleeder tool	AFW1162
2 1/2" x 36" adjustable bleeder tool	AFW1163
3" X 36" adjustable bleeder tool	AFW1164
3 1/2" X 36" adjustable bleeder tool	AFW1152
4" X 36" adjustable bleeder tool	AFW1153

HOSE ACCESSORIES

Various hose adapters and connectors to provide flexibility in your system. A nipple is required for connection to hose.



*Paint Body Only

DESCRIPTION	1 1/2"	2"
Cast aluminum hose connector for joining 1 1/2" to 1" hoses	HF10038018	N/A
Steel hose connector for joining two 1 1/2" hoses	HF10389378	N/A
Steel hose connector for joining 1 1/2" to 2" hoses	HF10389379	HF10389379
Cast aluminum hose connector for joining two 1 1/2" hoses	HF10389391	N/A
Cast aluminum hose connector for joining two 2" hoses	N/A	HF10038411
Steel adapter for joining 1 1/2" hose to 2" valve	HF10389380*	N/A
Steel adapter for joining 1" hose to 1 1/2" valve	HF10389381*	N/A
45° steel elbow, 1 1/2", to adapt hand tools for overhead use	HF10038391	N/A
45° stainless steel elbow, 1 1/2", to adapt hand tools for overhead use	HF10389238	N/A



*Only Paint Cast Iron Inlet Valves

INLET VALVES

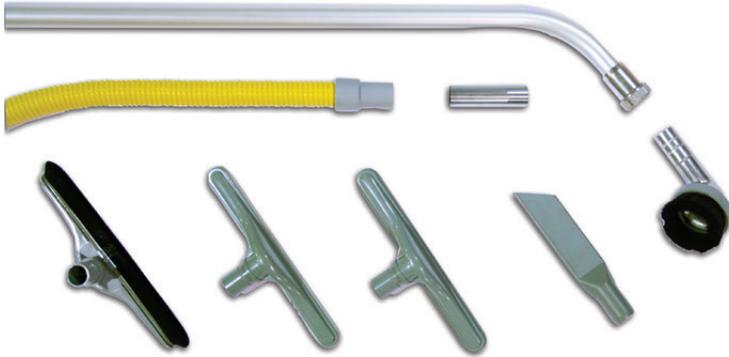
All 1 1/2" inlet valves have 1 1/2" female slip joint connections for 1 1/2" hoses and 2" male NPT for installation. Latching type inlet valves require special hose connections.

DESCRIPTION	1 1/2"	2"
Zinc body standard inlet valve with zinc plated cover	BB1192063	BB1192135
Zinc body latching inlet valve with zinc plated cover	HF20002221	HF44003220
Cast iron inlet valve with aluminum cover	HF10039328	HF10039463*
Replacement valve cap for HF10039463	N/A	HF10038401*
Replacement spring for HF10039463	N/A	HF00610122*
Nickel plated standard inlet valve with stainless steel cover	HF20011860	HF10390465
Nickel plated latching inlet valve with stainless steel cover	HF20005248	HF44390465
Stainless steel standard inlet valve and cover	SFIV-150-SS	SFIV-200-SS
Stainless steel latching inlet valve and cover	HF20013339	HF44012105
Flat wall plate, nickel plated brass	HF10389303	HF10389303
Recessed wall plate, nickel plated steel	HF20016065	HF20016065
Recessed wall plate, stainless steel	HF20014517	HF20014517
Inlet valve wrench	HF20012281	HF20012281

Note 1.5" latching valves are 1.8" ID.



HOSE AND TOOL KITS



COMMERCIAL DUTY HOSE AND TOOL KIT

“AFW” Style, P/N 302RMA6031. This commercial duty kit comes complete with the following hose and tools.

DESCRIPTION	1½”
5” round aluminum dust brush with horsehair bristles	HF00896124
11” plastic crevice tool	AFW6511
14” non-metallic floor tool with nylon bristles	AFW6505
14” non-metallic squeegee tool	AFW6506
14” non-metallic carpet tool	AFW6507
Double curved aluminum floor rod with tool swivel	HF00896213
Flexible plastic wire reinforced hose, 25 foot, with nipple	AFW7515250

INDUSTRIAL DUTY HOSE AND TOOL KIT

“AFW” Style, P/N 301RMA6031. This industrial duty kit comes complete with the following hose and tools.

DESCRIPTION	1½”
5” round aluminum dust brush with horsehair bristles	HF00896124
15” plated steel crevice tool	HF00896129
6” aluminum utility tool (without bristles)	HF00896117
13” steel floor tool with nylon bristles	AFW2271
Double curved aluminum floor rod with tool swivel	AFW1003
Flexible plastic wire reinforced hose, 25 foot, with nipple	AFW7515250
Flexible plastic wire reinforced hose, 25 foot, with nipple	AFW7515250

COMMERCIAL DUTY HOSE AND TOOL KIT

“HF” Style, P/N 300RMA6031. This commercial duty kit comes complete with the following hose and tools.

DESCRIPTION	1½”
Tapered hand tool adapter (when using tool with hose)	HF00896145
5” round aluminum dust brush with horsehair bristles	HF00896124
15” plated steel crevice tool	HF00896129
14” cast aluminum floor tool rod with hose swivel	HF00896138
54” double curved aluminum floor rod with hose swivel	HF13092605
1 1/2” X 25-foot Style F plastic wire reinforced hose	HF10392562



BB1163600



AFW0526

DESCRIPTION	
Steel tool cabinet	BB1163600
Steel hose rack - holds up to 50 feet of 1 1/2” or 2” hose	AFW0526*

Note: If you don't see it, we can make it. We can provide custom engineered tools and accessories.

HOFFMAN® & LAMSON® Products & Systems



HOFFMAN & LAMSON Multistage Centrifugal Blowers

HOFFMAN & LAMSON Multistage Centrifugal Blowers are the ideal solution for processes that require uniform pressure, pulse-free flow, and oil-free operation. With designs optimized for 60 and 50 Hz markets, we offer efficient performance backed by a history of reliable operations.



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The HOFFMAN REVOLUTION High Speed Centrifugal Blower utilizes advanced centrifugal engineering technologies that deliver up to 45% energy savings, provide increased reliability with little or no maintenance, and come factory pre-wired and tested in an ergonomically designed sound enclosure for plug-and-play operation.



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Considering an efficiency upgrade? HOFFMAN & LAMSON upgrades and High Speed Centrifugal Blower solutions deliver increased efficiency and improved reliability for your water and wastewater treatment applications.



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Restore blower performance and maintain system reliability with HOFFMAN & LAMSON OEM Service, support, and parts - available through our global network of HOFFMAN & LAMSON CERTIFIED™ Service & Distribution Centers.



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