

TRIDENT®

by HILLYARD



Soft Floorcare Series

Better Built. Better Equipment.

HILLYARD

The Cleaning Resource®

Better Built. Better Equipment.

Our Trident Brand of equipment starts from the ground up - at a place where intelligent design intersects with innovative technology and exceptional engineering to deliver superior cleaning equipment. Cleaning equipment that lowers your total cost of ownership, reduces your cost to clean and improves cleaning results. It's what you expect out of your equipment investment, and it's what we deliver. We're Hillyard, The Cleaning Resource, since 1907.



Intelligent Design



Exceptional Engineering



Innovative Technology



Carpet and Rug Institute Approved

CRI has developed the carpet industry's only scientific program to test and measure the effectiveness of cleaning products and equipment. The results help consumers make informed decisions and manufacturers improve their products. So, carpets are cleaner, healthier and last longer. Everyone benefits. Trident EX Series extractors and V Series upright vacuums carry the CRI Seal of Approval.

Flip Handle!
Push or Pull Operation
Increase Productivity



EX7



EX12



EX8



EX20

| | | EX7 | EX8 | EX12 | EX20 |
|--------------------------|------------|---|---|---|--|
| Hillyard Item Number | | HIL56084 | HIL56085 | HIL56086 | HIL56087 |
| Working Width | in | 15 | 15 | 18 | 18 |
| Productivity (practical) | sq. ft./hr | 2,100 | 2,500 | 3,200 | 5,000 |
| Brushes (cylindrical) | in | 15 | 15 | 18 | 18 |
| Brush Speed | rpm | 1,000 | 1,000 | 1,000 | 1,000 |
| Flow Rate | gpm | 0.57 | 0.57 | 0.63 | 1.00 |
| Vacuum Shoe | | 17" cast aluminum spring-loaded down pressure | 17" cast aluminum spring-loaded down pressure | 20" cast aluminum spring-loaded down pressure | 22" wide, cast urethane floating and pivoting |
| Solution Pump | | 90 PSI, diaphragm style internal bypass | 100 PSI, diaphragm style internal bypass | 100 PSI, diaphragm style internal bypass | 100 PSI, diaphragm style demand pump |
| Solution Spray | | 2 quick change jets | 2 quick change jets | 2 quick change jets | 2 quick change jets |
| Solution Tank Capacity | gal | 7 | 8 | 12 | 20 |
| Recovery Tank Capacity | gal | 7 | 8 | 12 | 20 |
| Electrical | | 115 V, 15 A, 60 HZ | 115 V, 15 A, 60 HZ | 115 V, 15 A, 60 HZ | 115 V, 15 A, 60 HZ |
| Vacuum Motor | | 3-stage, 1.5 hp, 100 cfm | 3-stage, 1 hp, 99 cfm | 3-stage, 1 hp, 99 cfm | 3-stage, 1 hp 99 cfm |
| Power Cord | ft | 50 | 50 | 50 | 75 |
| Drive System | | Brush Assist | Brush Assist | Brush Assist | V.S. Transaxle* |
| Acoustic Level | dB | 69 | 68 | 69 | 69 |
| Wheels | dia | 2 - 10" | 2 - 10" | 2 - 10" | 2 - 4" front / 2 - 10" rear |
| Weight | lbs | 87 | 92 | 105 | 217 |
| Dimensions (l x h x w) | in | 41 x 34 x 17.5 | 45 x 36 x 17.5 | 28 x 46 x 24 | 49 x 41 x 22 |
| Included Accessories | | - | - | - | Brush, 18 in. L X 4.5 in. OD Jet, Mini PROMAX 9504 |
| CRI Approval | | Yes | Yes | Yes | Yes |



ICS17 - Interim Cleaning System

The ICS17 Interim Cleaning System is used with Hillyard Deep Action® as a low moisture encapsulation carpet cleaning process that removes soil while improving the overall carpet appearance; carpet dries in about 20 minutes while reducing water and detergent consumption.

- Two counter-rotating brushes to effectively clean and agitate both sides of the carpet nap.
- Counter-rotating brushes lift and groom the carpet pile, while the debris bin catches soil and debris.
- Built-in on-board spraying system for increased productivity.

| | | |
|-------------------------|-----|-------------------|
| Hillyard Item Number | | HIL56089 |
| Working Width | in | 17 |
| Brushes - 2 Cylindrical | in | 16 |
| Motor | hp | 0.5 |
| Brush Speed | rpm | 470 |
| Power Cord | ft | 40 |
| Acoustic Level | dBa | 66 |
| Weight | lbs | 55 |
| Tank Capacity | gal | 2 |
| Dimensions (l x h x w) | in | 15.25 x 45.5 x 18 |



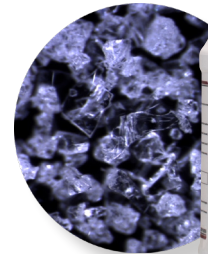
ICS17

Interim Cleaning Process

1. Pre-Spray With Hillyard Deep Action
2. Agitate Carpet with the ICS17
3. Allow Carpet to Dry to Touch, Vacuum

Hillyard Crystalline Encapsulation

Deep Action®, formulated as a multi-dimensional surfactant, acrylic polymer blend, magnified 51 times under a microscope, encapsulates soil and dries as clear crystals.



Restorative Extraction Processes

1 Pre-Spray Method More Dwell Time, Better Results

1. Pre-treat with Hillyard Carpet Pre-Spray
2. Extract with Hillyard Extraction pH Rinse or Carpet pH Rinse

2 "In-The-Tank" Method Faster Process, Good Results

- Extract with Hillyard HD Extraction



When the "In-The-Tank" method is used, extraction chemical is applied to the carpet and then it is immediately extracted out without any dwell time. You will get good results, however, the pre-spray method will yield even better results.

Upright Vacuums

VSERIES



| | V12S | V12XP | V14D | V18D |
|--------------------------------|------------------|------------------|-----------------------|-----------------------|
| Hillyard Item Number | HIL56080 | HIL56081 | HIL56082 | HIL56083 |
| Working Width | in 12 | in 12 | in 14 | in 18 |
| Productivity (practical) | sq. ft./hr 2,510 | sq. ft./hr 2,655 | sq. ft./hr 3,659 | sq. ft./hr 4,000 |
| Dust Bag (triple layer) | sq. in. 323 | sq. in. 323 | sq. in. 18 | sq. in. 18 |
| Motors | 1 | 1 | 2 | 2 |
| Motor Power | w 1,200 | w 1,200 | 1,000 vac / 150 brush | 1,000 vac / 200 brush |
| Air Flow | cfm 105 | cfm 105 | cfm 117 | cfm 117 |
| Power Cord | ft 40 | ft 40 | ft 40 | ft 40 |
| Acoustic Level | dBa 69 | dBa 69 | 64.5 - 66.5 | 64.5 - 66.5 |
| Weight | lbs 18 | lbs 18 | lbs 20 | lbs 21 |
| Height | in 46 | in 46 | in 48 | in 48 |
| CRI Approval | Yes | Yes | Yes | Yes |
| Dust Bag - 10/pk | HIL86284840 | HIL86284840 | HIL86284870 | HIL86284870 |
| Dust Bag - 250/Cs (25 - 10/pk) | HIL98406450 | HIL98406450 | - | - |
| Dust Bag - 300/Cs (30 - 10/pk) | - | - | HIL98406440 | HIL98406440 |

MS2 Mini-Spotter

Portable and lightweight, the MS2 is the convenient and easy-to-use option for spot removal.

- Quickly remove spots in carpet and upholstery.
- Lightweight and portable design makes extraction easy.
- Translucent recovery tank makes it easy to see recovery water level.
- Two-gallon capacity delivers easy cleaning of carpet spots/stains.
- Clear hand tool shows cleaning results.
- 1.16 hp vacuum motor and 55 psi pump provide more cleaning and drying power.



| | | |
|------------------------|-----|------------------|
| Hillyard Item Number | | HIL56088 |
| Solution Tank Capacity | gal | 2 |
| Recovery Tank Capacity | gal | 2 |
| Pump | psi | 53 |
| Vacuum Motor | | 1.16 hp, 2-stage |
| Power Cord | ft | 25 |
| Hose Standard Coupling | in | 96 x 1 |
| Weight | lbs | 18 |
| Dimensions (l x h x w) | in | 19 x 16.5 x 10 |

FD15 Floor Dryer



The FD15 is a compact, 3-speed, powerful blower, able to dry surfaces within a very short time. It is ideal to dry carpets cleaned with extraction machines, and it can be used on a wide variety of surfaces. Turn it on and run it without the timer, or set the timer to stop it after a selected time period.

| | | |
|--------------------------------|-----------|--------------------|
| Hillyard Item Number | | HIL56015 |
| Power Supply | v/Hz | 115/60 |
| Power | w | 520 |
| Air Flow | cu.ft/min | 2,400 |
| Fan Rotation | rpm | 950/1150/1350 |
| Cord Length | ft | 50 |
| Machine Weight | lb | 22 |
| Machine Dimensions (l x w x h) | in | 15.9 x 16.6 x 16.9 |

Extractor Accessories

| Hillyard Item No. | Description |
|-------------------|--|
| WIN86000010 | Deluxe hand tool kit (includes 12-foot vacuum/solution hose, carrying bag) |
| WIN86000600 | Deluxe professional wand with high temp hose, 500 psi |
| WIN86000610 | Standard wand |
| WIN86004140 | Hose assembly 12 foot x 1.5 inches vac x 250 psi solution hoses |
| WIN86004150 | Hose assembly 16 foot x 1.5 inches vac x 250 psi solution hoses |



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Subject to change without notice.
LIT-TRIDENT-SOFTFLOOR-FULL-0224