

# Arrow Hart straight blade specifiers' table

Feature group	Premium hospital grade	Single premium hospital grade	Isolated ground premium hospital grade	Single isolated ground premium hospital grade	Hospital grade	Premium industrial grade	Premium industrial grade decorator	Single premium industrial grade	Isolated ground premium industrial grade	Single isolated ground premium industrial grade	Industrial grade	Industrial grade decorator	Const. grade
<b>Product line</b>	AH8200 AH8300 AH8400 AH8600 8262 8362	8210 8310 8410∅ 8610∅	IG8200 IG8300 IG8400∅ IG8262 IG8362	IG8210 IG8310	8200 8300 TR8200 TR8300*	AH5262 AH5362 AH5462 AH5662	6262 6362 6462 6662	5261 5361 5461 5661	AHIG5262 AHIG5362 AHIG5462 AHIG5662	IG5261 IG5361 IG5461 IG5661	AH5252 AH5352	6342	5262 5362 5462C 5662C TR5262* TR5362* TR6252* TR6362*
<b>Contact design</b>													
5-leaf line contact	•		•			•	•		•		•		
Triple-wipe line contact		•		•	•			•		•		•	•
<b>Strap materials</b>													
Brass mounting strap	•					•							
Steel mounting strap		•	•	•	•		•	•	•	•	•	•	•
<b>Grounding system</b>													
1-piece integral mounting strap	•					•							
Brass ground shunt			•	•			•		•	•	•		
Riveted ground contact		•			•			•				•	•
<b>Body materials</b>													
Impact & chemical resistant nylon face	•	•	•	•	•	•	•	•	•	•	•	•	•
Glass-filled nylon base	•		•			•	•	•	•	•	•		
Nylon base	•	•	•	•		•	•	•	•	•	•		
PVC base					•							•	•
<b>Specialty features</b>													
Screw terminal guards	•		•			•	•		•			•	
Back wire ground terminal	•		•			•	•		•			•	
Tri-combo screws	•	•	•	•	•	•	•	•	•	•	•	•	•
Screw-catch feature	•		•		•	•	•		•		•		•
*Tamper resistant					•								•
<b>Certifications</b>													
cULus instead of UL and CSA	•		•			•			•		•		
RoHS compliant	•	•	•	•	•	•	•	•	•	•	•	•	•

\*Tamper resistant receptacles are cULus, Fed Spec and NOM. ∅Not NOM certified. Compliances, specifications and availability are subject to change without notice.



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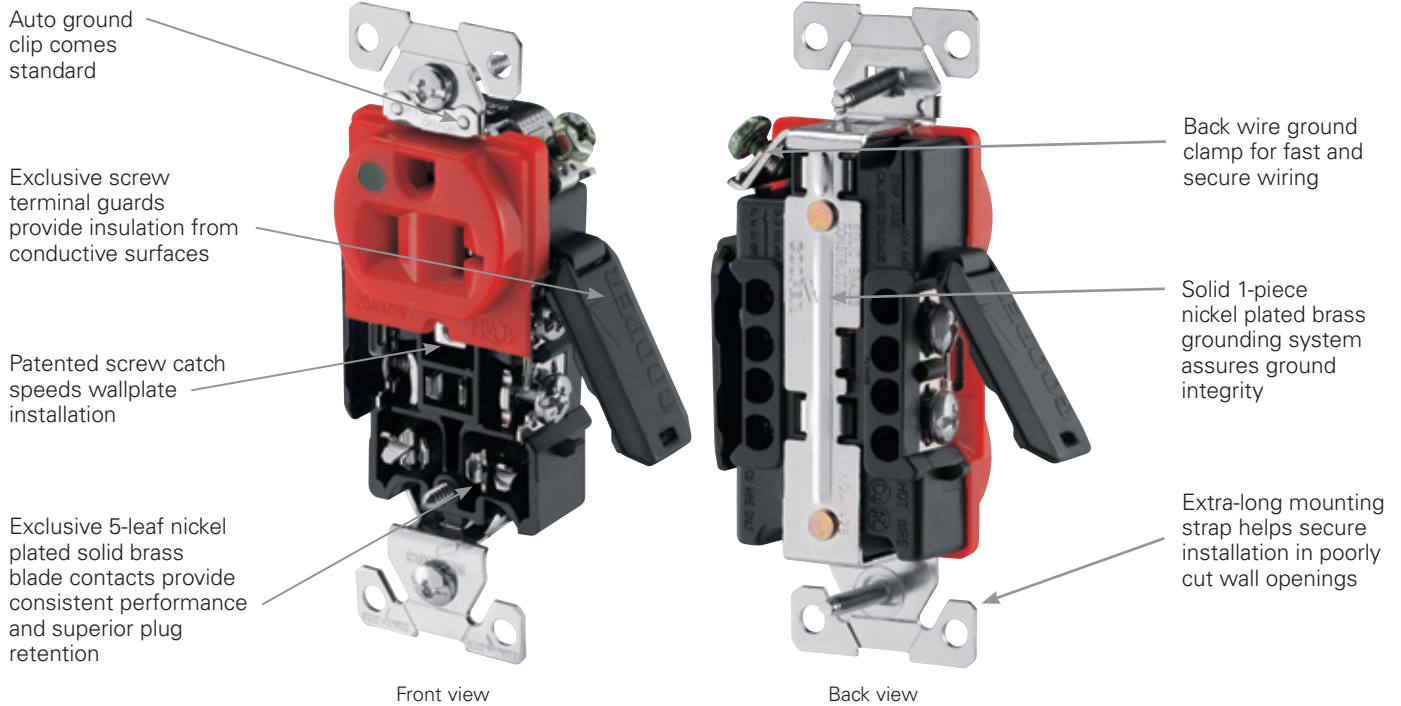
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# Hospital grade straight blade receptacles

## Performance, longevity, reliability

In today's healthcare environment the power to save lives begins with the electrical system. Downtime is not an option and the right receptacle can make the difference in critical situations

### Premium hospital grade AH8200, AH8300 series features & benefits



#### Additional features & benefits

- Available in 15A & 20A duplex & single configurations, including lighted, tamper resistant and ArrowLink modular styles
- Glass-filled nylon base provides superior strength and heat resistance
- Convenient built-in #10 and #12 AWG wire strippers
- High impact- and chemical-resistant nylon face holds structural integrity
- Tri-head combination brass terminal screws are backed out and ready to wire

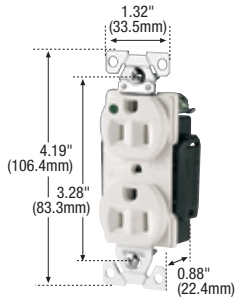
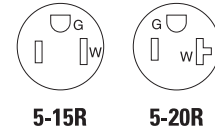
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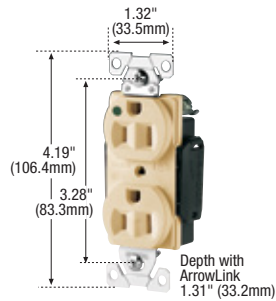
### Hospital grade straight blade receptacles

#### Product description

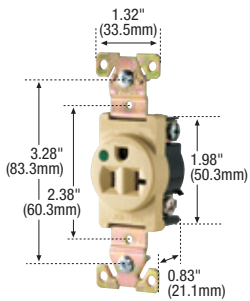
2-pole, 3-wire grounding  
 15A, 125V/AC; 20A, 125V/AC  
 NEMA 5-15R, 5-20R



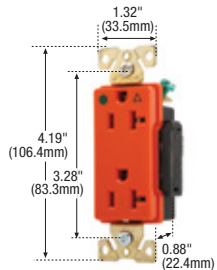
AH8200



AH8200\_M



8310



IG8362

#### Premium hospital grade receptacles

Rating	A	V/AC	NEMA	Description	Color suffix	Catalog no.				
15	125	5-15R	Premium duplex receptacle, back & side wire		B, BK, GY, RD, V, W	□ AH8200__	▶	◀	USA	RoHS
			Premium illuminated duplex receptacle, back & side wire		V, W	□ AH8200LT__	▶	◀	USA	RoHS
			Premium single receptacle, back & side wire		B, GY, V, W	□ 8210__	▶	◀	USA	RoHS
20	125	5-20R	Premium duplex receptacle, back & side wire		B, BK, GY, LA, RD, V, W	□ AH8300__	▶	◀	USA	RoHS
			Premium illuminated duplex receptacle, back & side wire		RD, V	□ AH8300LT__	▶	◀	USA	RoHS
			Premium single receptacle, back & side wire		B, RD, V, W	□ 8310__	▶	◀	USA	RoHS

#### Premium decorator hospital grade receptacles

Rating	A	V/AC	NEMA	Description	Color suffix	Catalog no.				
15	125	5-15R	Premium decorator duplex receptacle, back & side wire		GY, RD, V, W	□ 8262__	▶	◀	USA	RoHS
			Premium decorator illuminated duplex receptacle, back & side wire		V, W	□ 8262LT__	▶	◀	USA	RoHS
20	125	5-20R	Premium decorator duplex receptacle, back & side wire		B, BK, GY, RD, V, W	□ 8362__	▶	◀	USA	RoHS
			Premium decorator illuminated duplex receptacle, back & side wire		RD, V, W	□ 8362LT__	▶	◀	USA	RoHS

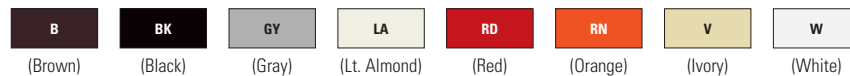
#### Isolated ground premium hospital grade receptacles

Rating	A	V/AC	NEMA	Description	Color suffix	Catalog no.				
15	125	5-15R	Premium IG duplex receptacle, back & side wire		GY, RD, RN, V, W	□ IG8200__	▶	◀	USA	RoHS
			Premium IG single receptacle, back & side wire		RN	□ IG8210*	▶	◀	USA	RoHS
			Premium IG decorator duplex receptacle, back & side wire		GY, RN, V, W	□ IG8262__	▶	◀	USA	RoHS
20	125	5-20R	Premium IG duplex receptacle, back & side wire		GY, RD, RN, V, W	□ IG8300__	▶	◀	USA	RoHS
			Premium IG single receptacle, back & side wire		RN	□ IG8310*	▶	◀	USA	RoHS
			Premium IG decorator duplex receptacle, back & side wire		GY, RN, V, W	□ IG8362__	▶	◀	USA	RoHS

\*Not Fed Spec

#### Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: B (Brown), BK (Black), GY (Gray), LA (Light Almond), RD (Red), RN (Orange), V (Ivory), W (White)



**Specification information:** Premium HG receptacles: A-26, Isolated ground premium HG receptacles: A-27, ArrowLink premium HG Receptacles: A-36

**Compliances, specifications and availability are subject to change without notice.**

▶ ArrowLink option available. Add "M" suffix to standard catalog number (example AH8300W, AH8300WM). For ordering information on ArrowLink & ArrowLink SPD connectors, see Page A-5

◀ Build-to-spec customizable devices - Page A-6

USA Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

## Hospital grade receptacles specification & performance data

### Hospital grade premium receptacles

#### Product description

2-pole, 3-wire grounding  
 15A, 125V/AC; 15A, 250V/AC;  
 20A, 125V/AC; 20A, 250V/AC  
 NEMA 5-15, 6-15, 5-20, 6-20

Device type	Hospital grade premium duplex receptacles: AH8200, AH8300, AH8400, AH8600 series	Hospital grade premium decorator duplex receptacles: 8262, 8362 series	Hospital grade premium single receptacles: 8210, 8310, 8410, 8610 series
<b>Wiring type</b>	Back & side wire	Back & side wire	Back & side wire
<b>Testing &amp; code compliance</b>	<ul style="list-style-type: none"> <li>Listed to UL498, file no. E15058</li> <li>UL verified to Fed Spec WC-596G</li> <li>CSA certified to C22.2, no. 42, file no. 6914 (6233-01)</li> <li>NOM certified</li> </ul>	<ul style="list-style-type: none"> <li>Listed to UL498, file no. E15058</li> <li>UL verified to Fed Spec WC-596G</li> <li>CSA certified to C22.2, no. 42, file no. 6914 (6233-01)</li> <li>NOM certified</li> </ul>	<ul style="list-style-type: none"> <li>Listed to UL498, file no. E15058</li> <li>UL verified to Fed Spec WC-596G</li> <li>CSA certified to C22.2, no. 42, file no. 6914 (6233-01)</li> <li>NOM certified</li> </ul>
<b>Environmental specifications</b>	<p><b>Flammability:</b> Meets UL94 requirements; V2 rated</p> <p><b>Temperature rating:</b> -20°C to 90°C (-4°F to 194°F)</p>	<p><b>Flammability:</b> Meets UL94 requirements; V2 rated</p> <p><b>Temperature rating:</b> -20°C to 70°C (-4°F to 158°F)</p>	<p><b>Flammability:</b> Meets UL94 requirements; V2 rated</p> <p><b>Temperature rating:</b> -20°C to 90°C (-4°F to 194°F)</p>
<b>Electrical specifications</b>	<p><b>Dielectric voltage:</b> Withstands 2000V per UL498</p> <p><b>Current interrupting:</b> Yes, at full-rated current</p> <p><b>Temperature rise:</b> Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)</p>	<p><b>Dielectric voltage:</b> Withstands 2000V per UL498</p> <p><b>Current interrupting:</b> Yes, at full-rated current</p> <p><b>Temperature rise:</b> Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)</p>	<p><b>Dielectric voltage:</b> Withstands 2000V per UL498</p> <p><b>Current interrupting:</b> Yes, at full-rated current</p> <p><b>Temperature rise:</b> Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)</p>
<b>Mechanical specifications</b>	<p><b>Terminal accommodation:</b> #14 - #10 AWG</p> <p><b>Voltage ratings:</b> Permanently marked on device</p>	<p><b>Terminal accommodation:</b> #14 - #10 AWG</p> <p><b>Voltage ratings:</b> Permanently marked on device</p>	<p><b>Terminal accommodation:</b> #14 - #10 AWG</p> <p><b>Voltage ratings:</b> Permanently marked on device</p>
<b>Materials</b>	<p><b>Top housing:</b> Nylon</p> <p><b>Bottom housing:</b> Glass-filled nylon</p> <p><b>Strap:</b> 0.05" thick brass, nickel plated</p> <p><b>Auto ground clip:</b> Brass</p> <p><b>Line contacts:</b> 0.031" thick 5-leaf brass, nickel plated</p> <p><b>Ground contact:</b> Integral</p> <p><b>Terminal screws:</b> #8-32 brass, neutral screw nickel plated</p> <p><b>Ground screw:</b> #8-32 brass, green</p> <p><b>Screw terminal guards:</b> PVC hinged doors</p> <p><b>Illuminated models:</b> Long-life neon bulb</p>	<p><b>Top housing:</b> Nylon</p> <p><b>Bottom housing:</b> Glass-filled nylon</p> <p><b>Strap:</b> 0.05" thick brass</p> <p><b>Auto ground clip:</b> Brass</p> <p><b>Line contacts:</b> 0.031" thick 5-leaf brass, nickel plated</p> <p><b>Ground contact:</b> Integral</p> <p><b>Terminal screws:</b> #8-32 brass, neutral screw nickel plated</p> <p><b>Ground screw:</b> #8-32 brass, green</p> <p><b>Screw terminal guards:</b> PVC hinged doors</p> <p><b>Illuminated models:</b> Long-life neon bulb</p>	<p><b>Top housing:</b> Nylon</p> <p><b>Bottom housing:</b> Nylon</p> <p><b>Strap:</b> 0.05" thick galvanized steel</p> <p><b>Auto ground clip:</b> Phosphor bronze</p> <p><b>Line contacts:</b> 0.037" thick triple-wipe brass</p> <p><b>Ground contact:</b> Riveted</p> <p><b>Terminal screws:</b> #8-32 steel, brass plated, neutral screw nickel plated</p> <p><b>Ground screw:</b> #8-32 steel, green</p> <p><b>Screw terminal guards:</b> N/A</p> <p><b>Illuminated models:</b> N/A</p>