

HDT NORDIC HDR SERIES

Robust Series Industrial-Duty Air Conditioner



The HDT Nordic HDR Series are rugged, heavy-duty industrial air conditioners designed to withstand the most demanding environments.

Available as either an air- or water-cooled system, the HDR Series is built to withstand the harsh conditions found in:

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|------------------------|----------------------|------------------|-----------------------------|
| Steel mills | Aluminum mills | Lime plants | Motor control centers |
| Corn processing plants | Foundries | Magnesium plants | Wood lot operators stations |
| Copper smelting | Cement plants | Chemical plants | |
| Plywood plants | Pulp and paper mills | Printing plants | |
| Refineries | Auto plants | Power plants | |

The HDT HDR Series is available as a package or split system with capacities ranging from 5 to 60 tons for a unit that is completely customized to the needs of the customer.

KEY FEATURES

- Heavy-duty, 16-gauge, G90 galvanized cabinet and chassis for long life
- Powder coated finish
- 8-fin per inch air-cooled condenser, 10-fin per inch evaporator for superior air flow and resistance to dirt and corrosion build-up
- Positive-seal compression lock easy-access service doors
- VFD low ambient controls provided on all air-cooled units
- Serviceable, pillow-block bearings
- Epoxy coated coils
- Totally enclosed fan motors
- Filter driers with flare fittings and isolation valves
- R-134a, R-410a and R-407c refrigerants are available
- Mounted or remote IEC controls in NEMA 12 enclosures
- Stainless steel drain pan that resists rust
- Scroll compressors
- 8 ton and larger units staged for capacity control
- Crankcase heater on compressor
- Remote thermostats
- High and low pressure safety switches
- Available in multiple voltages – 230/1/60 Hz, 230/3/60 Hz, 460/3/60 Hz, 575/3/60 Hz, 380/3/50 Hz

OPTIONAL FEATURES

- Electric heat
- Semi-hermetic compressors
- Stainless steel cabinet
- Corrosion protection on blower housing and copper plumbing
- Split configuration for condensers and air handlers
- Shell and tube condensers or marine service condensers on water-cooled units
- Distribution supply air plenum
- NEMA 4 or NEMA 4X enclosures with NEMA controls
- Custom designs available, consult factory

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Vertical	Dimensions		Water Line ¹	Weight ²		Power
Air-Cooled						
SVAC5	67.5" x 40" x 29"	171.5 x 101.6 x 73.7 cm	n/a	660 lbs	299.4 kg	25.33A FLA, 30A MFS
SVAC8	77.13" x 60" x 29"	195.9 x 152.4 x 73.7 cm	n/a	985 lbs	446.8 kg	40.63A FLA, 50A MFS
SVAC10	77.13" x 60" x 29"	195.9 x 152.4 x 73.7 cm	n/a	1,000 lbs	453.6 kg	49.45A FLA 60A MFS
SVAC15	80.56" x 78" x 32"	204.6 x 198.1 x 81.3 cm	n/a	1,450 lbs	657.7 kg	83.2A FLA, 100A MFS
SVAC20	98.13" x 83" x 32.5"	249.2 x 210.8 x 82.6 cm	n/a	1,650 lbs	748.4 kg	89.95A FLA, 100A MFS
SVAC25	98.13" x 83" x 36.5"	249.2 x 210.8 x 92.7 cm	n/a	2,560 lbs	1,161.2 kg	110.95A FLA, 125A MFS
SVAC30	129" x 109" x 43.56"	327.7 x 276.9 x 110.6 cm	n/a			130A FLA, 150A MFS
Water-Cooled						
SVWC3			3/4"			
SVWC5	49.63" x 40" x 29"	126 x 101.6 x 73.7 cm	3/4"	610 lbs	276.7 kg	22.25A FLA, 25A MFS
SVWC8	61.75" x 60" x 29"	156.8 x 152.4 x 73.7 cm	3/4" x 2	810 lbs	367.4 kg	36.53A FLA, 45A MFS
SVWC10	61.75" x 60" x 29"	156.8 x 152.4 x 73.7 cm	3/4" x 2	975 lbs	442.3 kg	42.35A FLA, 50A MFS
SVWC15	56.25" x 78" x 32"	142.9 x 198.1 x 81.3 cm	1" x 2	1,320 lbs	598.7 kg	76.1A FLA, 90A MFS
SVWC20	68.75" x 83" x 32.5"	174.6 x 210.8 x 82.6 cm	1 1/4" x 2	1,485 lbs	673.6 kg	82.85A FLA, 90A MFS
SVWC25	68.75" x 83" x 36.5"	174.6 x 210.8 x 92.7 cm	1 1/4" x 2	1,925 lbs	873.2 kg	100.85A FLA, 110A MFS
SVWC30	79" x 109" x 43.56"	200.7 x 276.9 x 110.6 cm	1 1/4" x 3			113A FLA, 135 MFS
SVWC40	94" x 109" x 43.56"	238.8 x 276.9 x 110.6 cm	1 1/4" x 4	4,895 lbs	2,220.3 kg	141.55A FLA, 175A MFS
SVWC50	112" x 119" x 53.5"	284.5 x 302.3 x 135.9 cm				204A FLA, 250 MFS
SVWC60	112" x 119" x 53.5"	284.5 x 302.3 x 135.9 cm				230A FLA, 275 MFS

Horizontal	Dimensions		Water Line ¹	Weight ²		Power
Air-Cooled						
SHAC5	29" x 60" x 82"	63.5 x 165.7 x 215.6 cm	n/a	760 lbs	344.7 kg	25.33A FLA, 30A MFS
SHAC8	75" x 91" x 34"	190.5 x 231.1 x 86.36 cm	n/a	1,200 lbs	544.3 kg	40.63A FLA, 50A MFS
SHAC10	75" x 91" x 34"	190.5 x 231.1 x 86.36 cm	n/a	1,320 lbs	598.7 kg	49.45A FLA, 60A MFS
SHAC15	98" x 128" x 38"	448.9 x 325.1 x 96.5 cm	n/a	1,765 lbs	800.6 kg	83.2A FLA, 100A MFS
Water-Cooled						
SHWC5	23" x 65" x 36"	58 x 165.1 x 91.4 cm	3/4"	465 lbs	210.9 kg	22.25A FLA, 25A MFS
SHWC8	30" x 79.25" x 46"	76.2 x 201.3 x 116.8 cm	3/4" x 2	750 lbs	340.2 kg	36.53A FLA, 45A MFS
SHWC10	30" x 79.25" x 46"	76.2 x 201.3 x 116.8 cm	3/4" x 2	800 lbs	362.9 kg	42.35A FLA, 50A MFS
SHWC15	32" x 91.25" x 58"	81.3 x 231.8 x 147.3 cm	1" x 2	960 lbs	435.4 kg	76.10A FLA, 90A MFS

¹ Sizes are for connections at water valves only

² Weights are approximate as materials and features can cause weight to change

Products, product specifications and data are subject to change without notice to improve reliability, function, and/or design.

Please contact Customer Service at 800.969.8527 for the most up-to-date product information.

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