

CLIMAGUARD AIR-TO-AIR INDOOR

nVent Hoffman’s ClimaGuard Indoor Heat Exchangers offer reliable closed-loop cooling while sealing out temperature extremes, dirt, dust, corrosive elements and washdown water. This robust heat exchanger allows efficient thermal transfer while ensuring maximum protection against leaks. With ClimaGuard Indoor Heat Exchangers providing a tight seal against air and water infiltration, units can be simply surface-mounted to an enclosure with no loss of enclosure integrity.



FEATURES & BENEFITS

Unique counterflow aluminum core for high-efficiency and high-performance heat transfer, except for the XR20 and XR29-08 which use a modified heat pipe core

Streamlined aesthetics with no visible mounting rails; slim design allows for mounting to narrow or shallow enclosures

Models for 115 and 230 VAC power input

Operating temperature range from -20 F/-29 C to 140 F/60 C

Low-carbon mild-steel sheet-metal cover for rugged factory environments

Filterless design for low maintenance and easy cleaning

Reliable top-quality bearing fans and impellers make these units run quietly and with increased reliability

Easy-mount flanges for simple installation

Every unit functionally tested before shipping

Mounting hardware, gaskets and user manual furnished with the unit

Four fasteners allow simple removal of front cover for easy access

SPECIFICATIONS

Material Mild Steel

Finish Powder Coated

Color Light Gray

Color Code RAL 7035

Thickness 1.21 mm

Table 1/3

Catalog Number	Height	Width	Depth	Capacity Watts Per °C	Capacity Watts Per °F	Nominal Voltage
XR200416012	508 mm	190.5 mm	76.2 mm	7 W	4 W	115 V
XR200426012	508 mm	190.5 mm	76.2 mm	7 W	4 W	230 V
XR291816012	753.364 mm	260.096 mm	150.368 mm	32 W	18 W	115 V
XR291826012	753.364 mm	260.096 mm	150.368 mm	32 W	18 W	230 V
XR290816012	749.3 mm	254 mm	78.486 mm	14 W	8 W	115 V
XR290826012	749.3 mm	254 mm	78.486 mm	14 W	8 W	24 V
XR472416012	1197.864 mm	260.096 mm	150.368 mm	43 W	24 W	115 V
XR472426012	1197.864 mm	260.096 mm	150.368 mm	43 W	24 W	230 V
XR473516012	1197.864 mm	387.096 mm	150.368 mm	63 W	35 W	115 V
XR473526012	1197.864 mm	387.096 mm	150.368 mm	63 W	35 W	24 V
XR605516012	1515.364 mm	387.096 mm	150.368 mm	99 W	55 W	115 V
XR605526012	1515.364 mm	387.096 mm	150.368 mm	99 W	55 W	230 V
XR608416012	1515.364 mm	387.096 mm	251.968 mm	151 W	84 W	115 V
XR608426012	1515.364 mm	387.096 mm	251.968 mm	151 W	84 W	230 V

Table 2/3

Catalog Number	Voltage AC	Voltage DC	Max Current	Operating Temperature	Max Watts Per °F	Max Watts Per °C
XR200416012	100 V		0.6 A	-29 to 60 °C	4 W	7 W
XR200426012	200 V		0.3 A	-29 to 60 °C	4 W	7 W
XR291816012	100 V		1.8 A	-29 to 60 °C	18 W	32 W

Catalog Number	Voltage AC	Voltage DC	Max Current	Operating Temperature	Max Watts Per °F	Max Watts Per °C
XR291826012	200 V		0.9 A	-29 to 60 °C	18 W	32 W
XR290816012	100 V		0.6 A	-29 to 60 °C	8 W	14 W
XR290826012		24 V	0.3 A	-29 to 60 °C	8 W	14 W
XR472416012	100 V		1.8 A	-29 to 60 °C	24 W	43 W
XR472426012	200 V		0.9 A	-29 to 60 °C	24 W	43 W
XR473516012	100 V		1.8 A	-29 to 60 °C	35 W	63 W
XR473526012		24 V	0.9 A	-29 to 60 °C	35 W	63 W
XR605516012	100 V		6.6 A	-29 to 60 °C	55 W	99 W
XR605526012	200 V		3.3 A	-29 to 60 °C	55 W	99 W
XR608416012	100 V		6.6 A	-29 to 60 °C	84 W	151 W
XR608426012	200 V		3.3 A	-29 to 60 °C	84 W	151 W

Table 3/3

Catalog Number	Protection Rating
XR200416012	NEMA Type 12
XR200426012	NEMA Type 12
XR291816012	NEMA Type 12; NEMA Type 3R
XR291826012	NEMA Type 12; NEMA Type 3R
XR290816012	NEMA Type 12
XR290826012	NEMA Type 12
XR472416012	NEMA Type 12
XR472426012	NEMA Type 12
XR473516012	NEMA Type 12; NEMA Type 3R
XR473526012	NEMA Type 12; NEMA Type 3R
XR605516012	NEMA Type 12; NEMA Type 3R
XR605526012	NEMA Type 12; NEMA Type 3R
XR608416012	NEMA Type 12; NEMA Type 3R
XR608426012	NEMA Type 12; NEMA Type 3R

2100 Hoffman Way
Anoka, MN 55303-1745 | USA
763.421.2240



Our powerful portfolio of brands:
nVent.com CADDY ERICO HOFFMAN RAYCHEM SCHROFF TRACER

© 2022 nVent. All nVent marks and logos are owned or licensed by nVent Services GmbH or its affiliates. All other trademarks are the property of their respective owners.
nVent reserves the right to change specifications without notice.