

Technical data

NFC2 4-way Cassette



Model			NFC2-V300-2-2P	NFC2-V400-3-2P	NFC2-V500-3-2P
Power Supply	Power supply	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50
Airflow	Air flow	m ³ /h	510/475/442/408/ 374/341/307	680/628/588/545/ 506/465/426	850/780/721/664/ 606/550/493
		CFM	300/280/260/240/ 220/201/181	400/369/346/321/ 298/274/251	500/459/424/391/ 356/324/290
Cooling [1]	Capacity	kW	3.00/2.76/2.61/2.46/ 2.3/2.14/1.97	3.80/3.54/3.37/3.18/ 3.00/2.81/2.62	4.70/4.32/4.07/3.83/ 3.57/3.31/3.04
	Water flow rate	m ³ /h	0.53/0.47/0.45/0.42/ 0.39/0.37/0.34	0.66/0.61/0.58/0.55/ 0.52/0.48/0.45	0.82/0.74/0.7/0.66/ 0.61/0.57/0.52
	Water pressure drop	kPa	15/12/11/9/8/7/6	16/14/13/11/10/9/8	24/20/18/16/14/12/10
	Power input	W	20/14/13/12/10/10/9	30/24/20/17/15/13/11	46/41/34/27/22/18/14
Heating [2]	Capacity	kW	3.30/3.09/2.91/2.73/ 2.54/2.35/2.15	4.30/4.05/3.84/3.60/ 3.38/3.15/2.92	5.00/4.75/4.46/4.17/ 3.87/3.58/3.26
	Water flow rate	m ³ /h	0.56/0.53/0.5/0.47/ 0.44/0.41/0.37	0.75/0.7/0.66/0.62/ 0.58/0.54/0.50	0.88/0.82/0.77/0.72/ 0.67/0.62/0.56
	Water pressure	kPa	15/13/12/11/9/8/7	16/14/12/11/10/9/8	24/20/18/16/14/12/11
	Power input	W	20/14/13/12/10/10/9	30/24/20/17/15/13/11	46/41/34/27/22/18/14
Sound level	Sound pressure level [3]	dB(A)	29.8/28.6/27.9/27.1/ 26.5/25.7/25.2	37.8/35.7/34.0/32.4/ 30.6/28.5/26.8	44.1/42.2/40.0/37.9/ 35.3/32.9/29.8
	Sound power level	dB(A)	42.6/41.7/40.6/39.7/ 38.6/37.7/37.2	50.2/48.2/46.3/44.3/ 42.7/40.4/38.7	56.6/54.6/52.4/50.2/ 47.9/45.2/42.1
Rated current		A	0.3/0.2/0.1/0.1/ 0.1/0.1/0.1	0.3/0.3/0.2/0.2/ 0.2/0.2/0.1	0.5/0.4/0.3/0.3/ 0.3/0.2/0.2
Fan Motor	DC Type		+	+	+
	Quantity		1	1	1
Fan	Centrifugal, forward-curved blades		+	+	+
	Quantity		1	1	1
Coil	Row		2	3	3
	Max. Working pressure	MPa	1,6	1,6	1,6
	Diameter	mm	7	7	7
	Internal water volume	l	0.87	1.1	1.1
Water Connections	Water inlet/outlet pipe		G3/4	G3/4	G3/4
	Drain pipe		Ø25	Ø25	Ø25
Panel Dimensions and Weight	Net dimensions (W×H×D)		618x45x618	618x45x618	618x45x618
	Packing size (W×H×D)		680x80x665	680x80x665	680x80x665
	Net weight		2.4	2.4	2.4
	Gross weight		3.2	3.2	3.2
Body Dimensions and Weight	Body dimensions (W×H×D)		575x240x575	575x240x575	575x240x575
	Packing dimension (W×H×D)		690x295x690	690x295x690	690x295x690
	Net weight		13.5	14.5	14.5
	Gross weight		15.7	16.7	16.7

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NFC2 4-way Cassette



Model			NFC2-V600-2-2P	NFC2-V700-2-2P	NFC2-V800-2-2P	NFC2-V1000-2-2P	NFC2-V1200-3-2P	NFC2-V1400-3-2P
Power Supply	Power supply	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
Airflow	Air flow	m ³ /h	1020/950/880/780/700/620/490	1190/1090/990/900/790/680/560	1360/1280/1180/1040/920/800/650	1700/1600/1450/1250/1150/1000/810	1950/1850/1650/1450/1300/1150/950	2380/2177/1970/1762/1547/1345/1142
		CFM	600/558/517/458/411/364/288	700/641/582/529/464/400/329	800/752/694/611/541/470/382	1000/941/852/735/676/588/476	1147/1088/970/852/764/676/558	1400/1281/1159/1037/910/791/672
Cooling [1]	Capacity	kW	5.50/5.25/5.00/4.55/4.00/3.20/2.70	6.50/6.10/5.70/5.10/4.80/4.40/3.75	7.50/7.00/6.50/6.03/5.50/4.90/4.30	8.50/8.20/7.65/6.94/6.40/5.80/4.85	10.50/10.00/9.50/8.90/8.00/7.10/6.20	12.80/11.69/10.8/9.88/8.9/7.93/6.92
	Water flow rate	m ³ /h	1.04/0.97/0.90/0.81/0.71/0.58/0.49	1.20/1.08/0.99/0.90/0.82/0.76/0.70	1.33/1.23/1.13/1.06/0.96/0.85/0.77	1.56/1.46/1.35/1.22/1.12/1.01/0.86	2.02/1.89/1.76/1.64/1.50/1.32/1.16	2.32/2.01/1.85/1.7/1.53/1.36/1.19
	Water pressure drop	kPa	45/35/32/30/25/20/18	30/28/25/20/18/16/14	55/32/29/25/20/18/14	45/40/35/30/25/20/18	45/40/35/30/25/20/17	50/43/37/31/25/20/15
	Power input	W	40/35/30/25/20/15/12	45/35/30/25/20/15/12	60/50/40/30/25/20/15	100/80/60/50/40/30/20	200/150/110/80/60/40/30	180/134/100/73/51/36/24
Heating [2]	Capacity	kW	6.50/6.20/5.90/5.25/4.85/4.30/3.55	7.50/7.20/6.60/6.10/5.50/5.00/4.10	8.50/7.90/7.20/6.58/5.90/5.40/4.70	9.50/9.35/8.75/8.10/7.40/6.60/5.80	12.00/11.20/10.50/9.95/9.00/8.00/6.90	14.50/13.09/11.99/10.86/9.67/8.51/7.33
	Water flow rate	m ³ /h	1.18/1.09/1.04/0.94/0.84/0.75/0.64	1.35/1.28/1.19/1.07/0.97/0.88/0.81	1.48/1.39/1.28/1.17/1.03/0.93/0.83	1.73/1.66/1.57/1.44/1.30/1.16/1.02	2.23/2.08/1.89/1.72/1.56/1.38/1.20	2.44/2.26/2.07/1.87/1.67/1.47/1.26
	Water pressure	kPa	45/35/32/30/25/20/18	30/28/25/20/18/16/14	35/32/29/25/20/18/14	45/40/35/30/25/20/18	45/40/35/30/25/20/17	50/43/37/31/26/20/16
	Power input	W	40/35/30/25/20/15/12	45/35/30/25/20/15/12	60/50/40/30/25/20/15	100/80/60/50/40/30/20	200/150/110/80/60/40/30	180/134/100/73/51/36/24
Sound level	Sound pressure level [3]	dB(A)	39.8/37.5/35.2/32.3/29.2/25.9/22.3	37.4/34.6/31.8/28.9/25.9/23.5/20.7	41.4/38.7/35.8/32.5/29.1/25.9/23.1	46.8/44.5/41.6/38.4/34.8/30.8/26.8	51.5/49.3/46.9/44.2/40.7/36.7/32.0	49.2/46.7/44.0/40.9/37.7/33.9/29.8
	Sound power level	dB(A)	54/49.1/46.5/46/40.4/36.9/35	51/48.4/45.6/43/39.9/39.1/35	54/50.2/47.5/46/41.2/37.4/37	60/56.8/54.1/52/47.7/43.9/41	64/61.2/58.6/56/52.4/48.5/44	61.8/59.3/56.6/53.6/50.2/46.5/42.1
Rated current		A	0.5/0.4/0.3/0.3/0.3/0.3/0.3	0.5/0.4/0.3/0.3/0.3/0.3/0.3	0.6/0.3/0.4/0.3/0.3/0.3/0.3	1.0/0.7/0.5/0.4/0.3/0.3/0.3	1.6/1.1/0.8/0.7/0.5/0.4/0.4	1.4/1.0/0.8/0.6/0.5/0.4/0.3
Fan Motor	DC Type		+	+	+	+	+	+
	Quantity		1	1	1	1	1	1
Fan	Centrifugal, forward-curved blades		+	+	+	+	+	+
	Quantity		1	1	1	1	1	1
Coil	Row		2	2	2	2	3	3
	Max. Working pressure	MPa	1,6	1,6	1,6	1,6	1,6	1,6
	Diameter	mm	7	7	7	7	7	7
	Internal water volume	l	-	-	-	-	-	-
Water Connections	Water inlet/outlet pipe	inch	G3/4	G3/4	G3/4	G3/4	G3/4	G3/4
	Drain pipe	mm	Ø25	Ø25	Ø25	Ø25	Ø25	Ø32
Panel Dimensions and Weight	Net dimensions (W×H×D)	mm	950×77×950	950×77×950	950×77×950	950×77×950	950×77×950	1050×60×1050
	Packing size (W×H×D)	mm	1020×90×1020	1020×90×1020	1020×90×1020	1020×90×1020	1020×90×1020	1115×100×1115
	Net weight	kg	5.8	5.8	5.8	5.8	5.8	7.4
	Gross weight	kg	7.6	7.6	7.6	7.6	7.6	9.7
Body Dimensions and Weight	Body dimensions (W×H×D)	mm	840×204×840	840×288×840	840×288×840	840×288×840	840×288×840	950×300×950
	Packing dimension (W×H×D)	mm	940×250×940	940×335×940	940×335×940	940×335×940	940×335×940	1080×355×1080
	Net weight	kg	19.3	23.6	23.6	23.6	25.9	32.5
	Gross weight	kg	22.3	26.2	26.2	26.2	28.3	37.3