

FNV Condensers

General Features:

The high quality efficient Coils are made from mechanically expanded copper tubes $\Phi 9.52\text{mm}$ in 0.35mm thickness and Corrugated AL fins in 0.15mm thickness with good heat transfer performance.

Heat Exchangers are supplied clean (Pollution Free) and tested under a pressure of 28 Bars. Suitable for all refrigerants of HCFC's or HFC's such as R22, R134a, R404a, R407C etc.

Perfect for big Capacities and Industrial Units

Casing:

Cabinet is steel plate with White Epoxy Coating spray, Corrosion Proof and impressive appearance

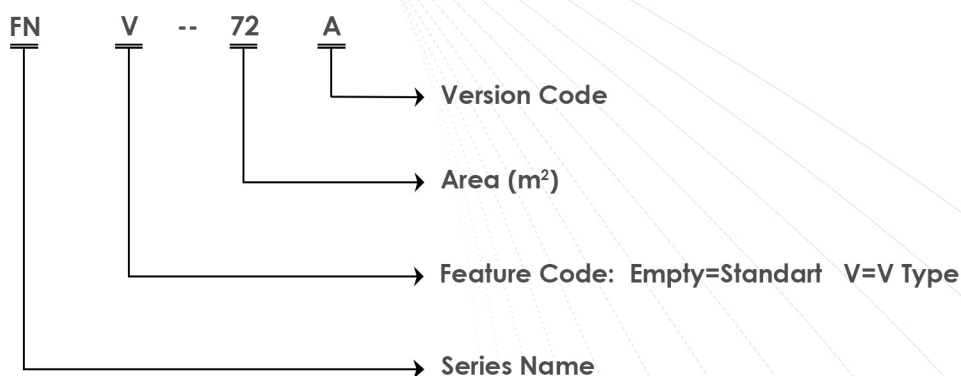
Fan motors:

All units are supplied with standard 380vac 50 Hz fan motors
Electrical Connection Box assembled

Optional Accessories:

- Axial Fans with different Voltage and/or Different RPM
- EC Fans / ATEX Motors
- Fan Speed Regulation
- Fan Heaters
- Anti-Corrosion Treatment
- Stainless Steel Casing

Nomenclature



Specifications

Model	Capacity (kw)		Area	Fan				Pipe Dia	
	Condensing / Ambient Temperature			Fan Input	Dia	Volt	Air Flow	In	Out
	50°C/35°C	45°C/25°C	(m²)	(w)	(mm)	(v)	(m³/h)	(mm)	(mm)
FNV-72	21.5	28.6	72	1 X 600	φ550	380	7950	2 X φ22	2 X φ16
FNV-111	33.5	44.6	111	2 X 600	φ550	380	16200	2 X φ22	2 X φ16
FNV-158	47.5	63.2	158	2 X 600	φ550	380	16200	2 X φ22	2 X φ16
FNV-180	54	71.8	180	2 X 780	φ600	380	20700	2 X φ28	2 X φ22
FNV-219	65	86.5	219	2 X 780	φ600	380	20300	2 X φ28	2 X φ22
FNV-270	81	107.7	270	3 X 800	φ630	380	34800	2 X φ28	2 X φ22
FNV-328	99	131.7	328	3 X 800	φ630	380	34200	2 X φ28	2 X φ22
FNV-383	115	153.0	383	3 X 800	φ630	380	34800	2 X φ28	2 X φ22
FNV-455	137	182.2	455	4 X 800	φ630	380	45600	2 X φ35	2 X φ28
FNV-570	171	227.4	570	4 X 800	φ630	380	44000	2 X φ35	2 X φ28
FNV-700	210	280.0	700	4 X 2250	φ800	380	76000	2 X φ42	2 X φ28
FNV-1000	300	399.0	1000	4 X 2250	φ800	380	96000	2 X φ35	2 X φ28
FNV-1900	570	758.1	1900	8 X 2250	φ800	380	192000	2 X φ42	2 X φ35

* The data above of ambient 35°C/condensing 50°C is equal to ambient 30°C/condensing 45°C.



Overall Size			Installation Size			Weight	Model
A	B	C	a	a1	b		
(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	Kg	
940	980	880	740	/	900	95	FNV-72
1540	980	960	1340	/	900	120	FNV-111
1540	980	960	1340	/	900	139	FNV-158
1840	980	1100	1640	/	900	167	FNV-180
1840	980	1100	1640	/	900	179	FNV-219
2640	1030	1100	2440	1220	950	230	FNV-270
2640	1030	1100	2440	1220	950	250	FNV-328
3040	1030	1100	2840	1420	950	277	FNV-383
3240	1050	1200	3040	1520	950	324	FNV-455
3240	1050	1200	3040	1520	950	378	FNV-570
4120	1100	1373	4040	2020	1045	852	FNV-700
4800	1400	1575	4800	2400	1400	900	FNV-1000
4840	2200	2170	4840	2400	2200	1800	FNV-1900

