



31VP Series
XFINITY PRO 10
R22 Split System Cooling



-R22-
REFRIGERANT

ISO 14001

ISO 9001

SPECIFICATIONS | 60Hz

31VP Series

XFINITY Pro 10

Top Discharge Outdoor Unit

R22 Split System Cooling

Cooling : 24,000-60,000 Btuh (7.0 - 17.5 kW)

OUTDOOR UNIT FEATURES

- ROTARY Compressor for 2 & 3 Ton Models
- SCROLL Compressor for 4 & 5 Ton Models
- 24 Volt Low Voltage Control Circuit
- HIGH EFFICIENCY Coils
- Groved Copper Tubes & Hydrophilic Louvered Fins
- DURABLE CABINET with protective coating
- Sweat Service Valves

Notes:

1. Nominal capacities are based on ARI standards 210 / 240 - 89, air entering the indoor coil for cooling at 80/67 ° F (27/19 ° C) , DB/WB indoor & 95 ° F (35 ° C) ambient temperature, operating at high fan speed for 220-240 volt, 60 Hz operation.
2. Ratings are based on indoor and outdoor units connected by 25 ft (7.6 m) of tubing.
3. Refrigerant metering device is installed in the indoor unit as standard.
4. Sweat service valves are provided for refrigerant pipe connection.
5. Insulation of suction line only is required.
6. Outdoor units are shipped with full operating charge.
7. For details of model number nomenclature, please refer to publication DCTNOM-50314

PHYSICAL DATA						
MODEL NO.	31VP		024C	036C	048C	060C
			22-070BMA	22-105BHA	22-140BSA	22-175BSA
Cooling Capacity (Nominal)	Btuh (kw)		24000 (7.0)	36000 (10.5)	48000 (14.0)	60000 (17.5)
Efficiency - SEER	Btuh/w (w/w)		10.0 (2.9)			
Compressor Type:			Rotary		Scroll	
Condenser Coil Type:			Grooved Copper Tubes - Hydrophilic Louvered Fin			
Fan	Quantity		1	1	1	1
	Noise Level	dB(A)	60	60	65	65
	Motor	HP	1/3	1/3	1/2	1/2
Electrical	Voltage		208-230/1/60			
	Range (min- max)		min 187 - max 253			
	Fan Motor	FLA	1.25	1.25	1.55	1.55
	Compressor	RLA	10.3	15.3	21.6	26.3
		LRA	50	70	155	151
	Cooling Power Input Nominal (W)		2189	3442	4690	5720
	Minimum Circuit Amps (MCA)		16.0	18.5	27.5	32.6
	Max. Fuse Amps (MFA-MOCP)		25	30	45	50
Refrigerant Connections inches (mm)	Type		Sweat			
	Liquid		3/8 (10)	3/8 (10)	3/8 (10)	1/2 (13)
	Suction		5/8 (15.88)	3/4 (19)	7/8 (22)	7/8 (22)
Refrigerant	R22	Oz. (Kgs)	53 (1.5)	64 (1.8)	74 (2.1)	78 (2.2)
Dimensions inches (mm)	Height		25 (633)	25 (633)	32 7/8 (835)	32 7/8 (835)
	Width		21 7/8 (554)	21 7/8 (554)	29 1/8 (740)	29 1/8 (740)
	Depth		21 7/8 (554)	21 7/8 (554)	29 1/8 (740)	29 1/8 (740)
Net Weight Lbs (Kgs)			115 (52)	115 (52)	183 (83)	183 (84)



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