

Paquete Comercial Inverter, Series DPRV Heat Pump 208~230V,3Ph,60Hz

Nominal ton		(Ton)	6,2	7.5	8,5	10	12,5	15
Drummond Model			DPRV072HPCY	DPRV090HPCY	DPRV102HPCY	DPRV120HPCY	DPRV150HPCY	DPRV180HPCY
Cooling 1	Cooling Capacity	Btu/h	75000	89000	103000	120000	150000	180000
		kW	22	26	30	35	43	53
	Power Input	kW	6,8	8	9,8	11,8	14,8	17,8
Cooling 2	Cooling Capacity	Btu/h	61500	71000	84000	98400	125000	155000
		kW	18	21	25	29	37	45
	Power Input	kW	7,6	8,8	10,5	12,5	15,7	19,2
Heating	Heating Capacity	Btu/h	76400	91400	109100	124900	156000	187000
		kW	22,4	26,8	32	36,6	45,7	54,8
	Power Input	kW	6,6	7,6	9,7	11,1	14,3	17
Max. input consumption		kW	9,2	10,8	13,3	16	20	24,1
Max. current		A	30,2	35,7	43,8	51,8	64,7	78
ESP		Pa	80	80	110	110	130	130
Indoor fan		Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
Compressor	Type		Rotor	Rotor	Rotor	Rotor	Rotor	Scroll
	Quantity		1	1	1	1	1	1
Outdoor Fan		Type	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A
	Refrigerant volume	kg	4,3	4,8	2,5+2,5	2,6+2,6	3,6+3,6	4,5+4,5
	Refrigerant Control		Electronic expansion valve	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Sound pressure level		dB(A)	71,5	71,5	71,2	71,5	71,8	76,9
Ambient temperature	Cooling		16° C-52° C	16° C-52° C	16° C-52° C	16° C-52° C	16° C-52° C	16° C-52° C
	Heating		-10° C-24° C	-10° C-24° C	-10° C-24° C	-10° C-24° C	-10° C-24° C	-10° C-24° C
Net Weight		kg	233	248	346	349	459	500
Gross Weight		kg	238	253	356	360	479	520
Net Dimension	WxHxD	mm	1475x840x1130	1475x840x1130	1475x1260x1130	1475x1260x1130	1965x1260x1130	1965x1260x1130
Packing	WxHxD	mm	1495x850x1150	1495x850x1150	1195x1270x1150	1495x1270x1150	1985x1270x1150	1985x1260x1150
Shipping	Qty/Per 20'/40'/40'HQ		12/24/48	12/24/48	8/16/32	8/16/32	6/12/24	6/12/24

Notes:

- Cooling capacity test condition (1): Outdoor ambient temperature 35°C, indoor temperature 26.7°C DB/19.4°C WB;
- Cooling capacity test condition (2): Outdoor ambient temperature 46°C, indoor temperature 26.7°C DB/ 19.4°C WB;
- Heating capacity test condition: Outdoor ambient temperature 7°C DB/6°C WB, indoor temperature 20°C DB/15°C WB.
- Units are suitable for operation to ±20% of nominal CFM.
- Sound values are measured in a semi-anechoic room, at a position 1 meter in front of the unit and (1 meter + Height of unit)/2 above the floor.
- Specifications are subject to change without prior notice for product improvement.
- *Nominal ton only for reference.
- Cooling or heating capacity as per specifications.

Paquete Comercial Inverter, Series DPRV Heat Pump 208~230V,3Ph,60Hz

Nominal ton		(Ton)	17.5	20	25	30	35	40	45
Drummond Model			DPRV210HPCY	DPRV240HPCY	DPRV300HPCY	DPRV360HPCY	DPRV420HPCY	DPRV480HPCY	DPRV540HPCY
Cooling 1	Cooling Capacity	Btu/h	208000	240000	300000	360000	416000	478000	532000
		kW	61	70	87	105	122	140	156
	Power Input	kW	21	23.1	32.7	38.7	43.6	48	51.8
Cooling 2	Cooling Capacity	Btu/h	170000	200000	252000	305000	359000	427000	455000
		kW	50	59	74	89	105	125	133
	Power Input	kW	21.5	25	33.8	40.2	46.2	53.8	55
Heating	Heating Capacity	Btu/h	209800	248400	311800	374000	420000	497000	553000
		kW	61.5	72.8	91.4	109.6	123	145.6	162
	Power Input	kW	19.5	22.3	31.7	37.6	41.2	46.4	50
Max. input consumption		kW	28.4	31.2	44.2	52.3	58.9	64.8	73.8
Max. current		A	92	101	143	169.3	190.7	209.8	239
ESP		Pa	200	200	320	320	370	430	430
Indoor fan		Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
Compressor		Type	Scroll	Scroll	Rotor	Scroll	Rotor	Scroll	Scroll
		Quantity	1	1	2	2	4	2	2
Outdoor Fan		Type	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A	R410A
	Refrigerant volume	kg	5.5+5.5	6.7+6.7	7.6+7.6	8.6+8.6	11.6+11.6	13.5+13.5	13.5+13.5
	Refrigerant Control		Electronic expansion valve	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Sound pressure level		dB(A)	76	75.3	76.8	77.9	79.6	81.2	81.2
Ambient temperature		Cooling	16° C-52° C	16° C-52° C	16° C-52° C	16° C-52° C	16° C-52° C	16° C-52° C	16° C-52° C
		Heating	-10° C-24° C	-10° C-24° C	-10° C-24° C	-10° C-24° C	-10° C-24° C	-10° C-24° C	-10° C-24° C
Net Weight		kg	625	700	955	970	1310	1380	1380
Gross Weight		kg	655	730	985	1000	1340	1410	1410
Net Dimension	WxHxD	mm	2200x1260x1670	2200x1260x1670	2200x1260x2320	2200x1260x2320	2260x1260x3890	2200x1260x3890	2200x1260x3890
Packing	WxHxD	mm	2220x1270x1690	2220x1270x1690	2220x1270x2340	2220x1270x2340	2280x1280x3910	2220x1280x3910	2220x1280x3910
Shipping	Qty/Per 20'/40'/40'HQ		3/7/14	3/7/14	2/5/10	2/5/10	1/3/6	1/3/6	1/3/6

Notes:

- Cooling capacity test condition (1): Outdoor ambient temperature 35°C, indoor temperature 26.7°C DB/19.4°C WB;
- Cooling capacity test condition (2): Outdoor ambient temperature 46°C, indoor temperature 26.7°C DB/ 19.4°C WB;
- Heating capacity test condition: Outdoor ambient temperature 7°C DB/6°C WB, indoor temperature 20°C DB/15°C WB.
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