



Drying Hoppers

Novatec insulated drying hoppers are designed for dehumidification of plastic resins.

NPH and PGH insulated drying hoppers are provided with a slide-gate shut-off and a drain. An elongated sight glass is included, except on the two smallest sizes, ideal for use with a height-adjustable capacitance sensor accessory. Optional short run diffuser tubes can be provided for lower-capacity, short run operations. Optional floor stand packages are available.



NPH Modular Hopper 1000

Stainless Steel Construction

On all hoppers through 150 lb (68 Kg) capacity - carbon steel on larger sizes.

Modular Design

On all hoppers through 800 lb (360 Kg.) capacity.

Elongated Sight Glass

Provides visibility of hopper interior and a mounting place for height-adjustable capacitance bracket and sensor except for the 15 & 30 lb (7 & 14 Kg.) sizes.

Large Access Door

Access door (except for NPH-15) allows for easy hopper cleanout and includes one or more round borosilicate sight glasses.

Slide-gate Shutoff and Drain

Slide-gate shutoff on all hoppers; slide-gate drain on 60 through 1000 lb (450 Kg). Discharge drain with cap on larger sizes.

Insulation

Every NOVATEC hopper is supplied with insulation sandwiched between our double-wall construction.

Lid Hole/Bolt Pattern

Included for easy mounting of the appropriate NOVATEC loader or receiver.

* PGH Power-Guard Hoppers (-600 and up) include a "Return Air" temperature and dew point sensor.

Return Air Pellet Screen

Ensures that resin does not become trapped in the return air line.

5-Year Warranty

For lowest cost of ownership.

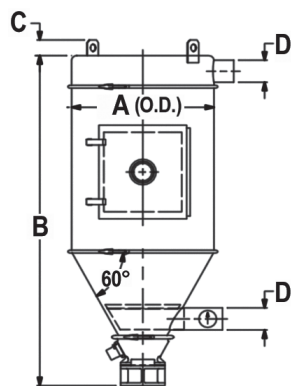
Plus

- › 2 each 12' (3.6 m) sections of silicone hose with clamps
- › Note: For the -8000 and up, Novatec recommends hard ducting from the dryer to the hopper air inlet and outlet when the distance between them exceeds 6 feet. The hard duct is not included with the hopper

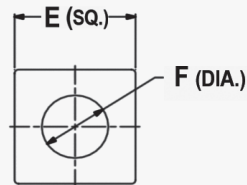
- › Lifting lugs on all hoppers except for the NPH-15 and -30
- › Air adapters (hopper to dryer) on NPH-200 and up
- › (No charge accessory)
- › 5-year warranty

Specifications

Hopper Part Number/ Capacity				Outside Diameter A”		Hopper Height “B”		Lifting Lug or Return Air Height “C”		Hopper Weight	
By Weight*		By Volume									
lb	Kg	ft³	liters	in	cm	in	cm	in	cm	lb	Kg
NPH-15	6.8	.375	10.6	13.5	34.3	20.5	52	Not Available		40	18
NPH-30	13.6	.75	21.2	13.5	34.3	24.5	62.2			50	23
NPH-60	27	1.5	42.5	18.1	46	40.6	103	2.8	7.1	80	36
NPH-100	45	2.5	70.8	18.1	46	48.6	123	2.8	7.1	70	32
NPH-150	68	3.75	106	18.1	46	56.6	144	2.8	7.1	80	36
NPH-200	91	5	142	26	66	50.1	127	2.8	7.1	105	48
NPH-300	136	7.5	213	26	66	58.1	148	2.8	7.1	115	52
NPH-400	182	10	284	26	66	66.1	168	2.8	7.1	125	57
NPH-600	273	15	425	34.2	87	70.1	178	3	7.6	170	77
NPH-800	364	20	567	34.2	87	78.1	198	3	7.6	195	88
NPH-1000	455	25	709	34.2	87	81.1	206	3	7.6	200	91
NPH-1200	545	31.6	895	39.8	98.6	95	241	8	20.3	325	148
NPH-1500	682	39.5	1082	38.2	97	97.1	247	8	20.3	450	205
NPH-2000	909	52.6	1490	44.2	112	102.1	260	8	20.3	550	249
NPH-2500	1136	65.8	1863	46.2	117	117.2	298	11	28	600	272
NPH-3000	1364	78.9	2234	48.2	123	118.2	300	11	28	820	372
NPH-4000	1818	105.3	2982	50.2	128	143.1	364	11	28	1100	499
NPH-5000	2275	131.6	3127	51.75	131	166	422	11	28	1550	705
NPH-6000	2727	157.9	4471	60.2	153	148.1	376	11	28	2000	907
NPH-8000	3636	210.5	5961	69.75	177	155	394	15	38.1	3000	1361
NPH-10000	4545	263.2	7452	78	198	145.3	369	15	38.1	Upon request	
NPH-12000	5455	315.8	8943	79.6	202	194.25	493	15	38.1		
NPH-15000	6820	395.2	11190	85.5	217	197.4	501	15	38.1		
NPH-18000	8182	473.7	13414	96	244	188.7	479	20	50.8		

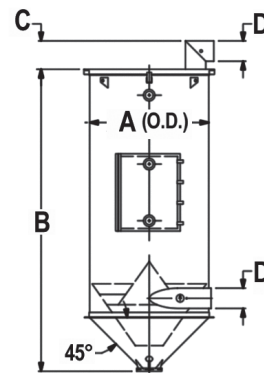


MODULAR HOPPERS
To 1000LB.(455KG) CAPACITY

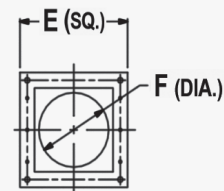


To 1000LB.(455KG) CAPACITY

Discharge
Adapters



STANDARD HOPPERS
1500-18000LB(682-8182 KG) CAPACITY



Hopper Part Number	Door Opening W x H		Inlet/Outlet "D"		Discharge			
					Adapter (Square) "E"		Discharge Diameter "F"	
	in x in	cm x cm	in	cm	in	cm	in	cm
NPH-15	None	None	2	5	4	10.2	1.5	3.8
NPH-30	10 x 10	26 x 26	2	5	4	10.2	1.5	3.8
NPH-60	13 x 14	33 x 36	4	10.2	6	15.2	2.1	5.4
NPH-100	14 x 18	36 x 46	4	10.2	6	15.2	2.1	5.4
NPH-150	15 x 30	38 x 76	4	10.2	6	15.2	2.1	5.4
NPH-200	14 x 14	36 x 36	4	10.2	7.5	19	4.1	10.5
NPH-300	14 x 14	36 x 36	4	10.2	7.5	19	4.1	10.5
NPH-400	14 x 14	36 x 36	4	10.2	7.5	19	4.1	10.5
NPH-600	18 x 18	46 x 46	4	10.2	7.5	19	4.1	10.5
NPH-800	18 x 18	46 x 46	4	10.2	7.5	19	4.1	10.5
NPH-1000	18 x 18	46 x 46	4	10.2	7.5	19	4.1	10.5
NPH-1200	22 x 28	56 x 71	6	15.2	9.25	23.5	6	15.2
NPH-1500	22 x 28	56 x 71	6	15.2	9.25	23.5	6	15.2
NPH-2000	22 x 28	56 x 71	6	15.2	9.25	23.5	6	15.2
NPH-2500	22 x 28	56 x 71	8	20.3	9.25	23.5	6	15.2
NPH-3000	22 x 28	56 x 71	8	20.3	9.25	23.5	6	15.2
NPH-4000	22 x 28	56 x 71	8	20.3	9.25	23.5	6	15.2
NPH-4000	22 x 28	56 x 71	8	20.3	9.25	23.5	6	15.2
NPH-6000	24 x 36	61 x 92	8	20.3	9.25	23.5	6	15.2
NPH-8000	24 x 36	61 x 92	12	30.5	11	28	8	20.3
NPH-10000	24 x 36	61 x 92	12	30.5	15.25	38.7	12	20.3
NPH-12000	24 x 39	61 x 99	12	30.5	15.25	38.7	12	30.5
NPH-15000	24 x 39	61 x 99	12	30.5	15.25	38.7	12	30.5
NPH-18000	24 x 39	61 x 99	16	40.6	15.25	38.7	12	30.5



NPH-1500

NPH hoppers are equipped with rails for mounting of a heater/blower (HB) unit. (See separate HB data sheet).



All NPH hoppers except the NPH-15 and -30 include an elongated site glass. (See separate HB data sheet).

Hopper Part Number*	Floor Stand 24" (61 cm) Clearance Part Number	Gaylord Stand 48" (122 cm) Clearance Part Number	Damper for Inlet/Outlet Part Number	*Vacuum Take-off Box Series	*Vacuum Purge Valve vacuum Purge Take-Off		*Drawer Magnets Part Number	Insulated Hose Sleeve Part Number						
					VPV Part Number	Adapter Part Number								
NPH-15	FS-NPH-1	GS-NPH-20	DAM-1	VTB-3	VPV-15 VPT-15 VPV-20 VPT-20 VPV-25 VPT-25 VPV-30	No Adapter Required	Request Information	SLV-2						
NPH-30							DM-475							
NPH-60														
NPH-100	FS-NPH-2	GS-NPH-21	DAM-2	VTB-4			DM-600							
NPH-150														
NPH-200														
NPH-300	FS-NPH-3	GS-NPH-22							DM-800					
NPH-400														
NPH-600														
NPH-800	FS-NPH-4	GS-NPH-23									DM-975			
NPH-1000														
NPH-1200														
NPH-1500	FS-NPH-5	GS-NPH-24					DAM-3	VTB-8					ADP-VPV-800	
NPH-2000														
NPH-2500														
NPH-3000	FS-NPH-6	GS-NPH-25	ADP-VPV-975											
NPH-4000														
NPH-5000														
NPH-6000	FS-NPH-7	GS-NPH-26			ADP-VPV-1400									
NPH-8000														
NPH-10000														
NPH-12000	FS-NPH-8	GS-NPH-27							DAM-4	VTB-9	Request Information			
NPH-4000														
NPH-5000														
NPH-6000	FS-NPH-9	GS-NPH-28	Request Information											
NPH-8000														
NPH-10000														
NPH-12000	FS-NPH-10	GS-NPH-29			DAM-5	VTB-14	SLV-5							
NPH-4000														
NPH-5000														
NPH-6000	FS-NPH-11	GS-NPH-30									Not Available			
NPH-8000														
NPH-10000														
NPH-12000	FS-NPH-12	GS-NPH-31	Not Available											
NPH-4000														
NPH-5000														
NPH-6000	FS-NPH-13	GS-NPH-32					Not Available							
NPH-8000														
NPH-10000														
NPH-12000	FS-NPH-14	GS-NPH-33			Not Available									
NPH-4000														
NPH-5000														
NPH-6000	FS-NPH-15	GS-NPH-34	Not Available											
NPH-8000														
NPH-10000														
NPH-12000	FS-NPH-16	GS-NPH-35					Not Available							
NPH-4000														
NPH-5000														
NPH-6000	FS-NPH-17	GS-NPH-36			Not Available									
NPH-8000														
NPH-10000														
NPH-12000	FS-NPH-18	GS-NPH-37	Not Available											
NPH-4000														
NPH-5000														
NPH-6000	FS-NPH-19	GS-NPH-38					Not Available							
NPH-8000														
NPH-10000														
NPH-12000	FS-NPH-20	GS-NPH-39			Not Available									
NPH-4000														
NPH-5000														
NPH-6000	FS-NPH-21	GS-NPH-40	Not Available											
NPH-8000														
NPH-10000														
NPH-12000	FS-NPH-22	GS-NPH-41					Not Available							
NPH-4000														
NPH-5000														
NPH-6000	FS-NPH-23	GS-NPH-42			Not Available									
NPH-8000														
NPH-10000														
NPH-12000	FS-NPH-24	GS-NPH-43	Not Available											
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NPH-5000														
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NPH-10000														
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NPH-5000														
NPH-6000	FS-NPH-27	GS-NPH-46	Not Available											
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NPH-10000														
NPH-12000	FS-NPH-28	GS-NPH-47					Not Available							
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NPH-5000														
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NPH-10000														
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NPH-5000														
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NPH-10000														
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NPH-5000														
NPH-6000	FS-NPH-33	GS-NPH-52	Not Available											
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NPH-10000														
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NPH-5000														
NPH-6000	FS-NPH-35	GS-NPH-54			Not Available									
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NPH-10000														
NPH-12000	FS-NPH-36	GS-NPH-55	Not Available											
NPH-4000														
NPH-5000														
NPH-6000	FS-NPH-37	GS-NPH-56					Not Available							
NPH-8000														
NPH-10000														
NPH-12000	FS-NPH-38	GS-NPH-57			Not Available									
NPH-4000														
NPH-5000														
NPH-6000	FS-NPH-39	GS-NPH-58	Not Available											
NPH-8000														
NPH-10000														
NPH-12000	FS-NPH-40	GS-NPH-59					Not Available							
NPH-4000														
NPH-5000														
NPH-6000	FS-NPH-41	GS-NPH-60			Not Available									
NPH-8000														
NPH-10000														
NPH-12000	FS-NPH-42	GS-NPH-61	Not Available											
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NPH-5000														
NPH-6000	FS-NPH-43	GS-NPH-62					Not Available							
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NPH-12000	FS-NPH-44	GS-NPH-63			Not Available									
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NPH-5000														
NPH-6000	FS-NPH-45	GS-NPH-64	Not Available											
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NPH-10000														
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NPH-5000														
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NPH-5000														
NPH-6000	FS-NPH-49	GS-NPH-68					Not Available							
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NPH-5000														
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NPH-5000														
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NPH-10000														
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NPH-5000														
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NPH-10000														
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NPH-5000														
NPH-6000	FS-NPH-103	GS-NPH-122					Not Available							
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NPH-10000														
NPH-12000	FS-NPH-104	GS-NPH-123			Not Available									
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NPH-5000														
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NPH-10000														
NPH-12000	FS-NPH-106	GS-NPH-125					Not Available							
NPH-4000														
NPH-5000														
NPH-6000	FS-NPH-107	GS-NPH-126			Not Available									
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NPH-10000														
NPH-12000	FS-NPH-108	GS-NPH-127	Not Available											
NPH-4000														
NPH-5000														
NPH-6000	FS-NPH-109	GS-NPH-128					Not Available							
NPH-8000														
NPH-10000														
NPH-12000	FS-NPH-110	GS-NPH-129			Not Available									
NPH-4000														
NPH-5000														
NPH-6000	FS-NPH-111	GS-NPH-130	Not Available											
NPH-8000														
NPH-10000														
NPH-12000	FS-NPH-112	GS-NPH-131					Not Available							
NPH-4000														
NPH-5000														
NPH-6000	FS-NPH-113	GS-NPH-132			Not Available									
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NPH-12000	FS-NPH-114	GS-NPH-133	Not Available											
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NPH-5000														
NPH-6000	FS-NPH-115	GS-NPH-134					Not Available							
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NPH-10000														
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NPH-10000														
NPH-12000	FS-NPH-118	GS-NPH-137					Not Available							
NPH-4000														
NPH-5000														
NPH-6000	FS-NPH-119	GS-NPH-138			Not Available									
NPH-8000														
NPH-10000														
NPH-12000	FS-NPH-120	GS-NPH-139	Not Available											
NPH-4000														
NPH-5000														
NPH-6000	FS-NPH-121	GS-NPH-140					Not Available							
NPH-8000														
NPH-10000														
NPH-12000	FS-NPH-122	GS-NPH-141			Not Available									
NPH-4000														
NPH-5000														
NPH-6000	FS-NPH-123	GS-NPH-142	Not Available											
NPH-8000														
NPH-10000														
NPH-12000	FS-NPH-124	GS-NPH-143					Not Available							
NPH-4000														
NPH-5000														
NPH-6000	FS-NPH-125	GS-NPH-144			Not Available									
NPH-8000														
NPH-10000														
NPH-12000	FS-NPH-126	GS-NPH-145	Not Available											
NPH-4000														
NPH-5000														
NPH-6000	FS-NPH-127	GS-NPH-146					Not Available							
NPH-8000														
NPH-10000														
NPH-12000	FS-NPH-128	GS-NPH-147			Not Available									
NPH-4000														
NPH-5000														
NPH-6000	FS-NPH-129	GS-NPH-148	Not Available											
NPH-8000														
NPH-10000														
NPH-12000	FS-NPH-130	GS-NPH-149					Not Available							
NPH-4000														
NPH-5000														
NPH-6000	FS-NPH-131	GS-NPH-150			Not Available									
NPH-8000														
NPH-10000														
NPH-12000	FS-NPH-132	GS-NPH-151	Not Available											
NPH-4000														
NPH-5000														
NPH-6000	FS-NPH-133	GS-NPH-152					Not Available							
NPH-8000														
NPH-10000														
NPH-12000	FS-NPH-134	GS-NPH-153			Not Available									
NPH-4000														
NPH-5000														
NPH-6000	FS-NPH-135	GS-NPH-154	Not Available											
NPH-8000														
NPH-10000														
NPH-12000	FS-NPH-													