

# 2INOX



Pressurisation units with 2 self-priming pumps of INOX series on a single skid, connected in parallel by suction and delivery manifolds.

They are available in fixed speed version with electronic control panel or in variable speed version with EPIC inverters for constant pressure. The key characteristics of these systems are their reliability, user-friendly operation, and low maintenance needs. Installation of a pressure tank is required.

## Booster set features

<b>Suction manifold</b>	galvanized steel with non-return and isolation valves
<b>Delivery manifold</b>	galvanized steel with pressure gauge and isolation valves, two connectors in the delivery manifold for direct installation of pressure tanks up to 24 lt
<b>Base frame</b>	galvanized steel
<b>Fixed speed</b>	electronic control panel EQ2SM(T) and two pressure switches
<b>Variable speed</b>	inverter EPIC on each pump and two pressure sensors
<b>Pressure tanks</b>	available on request as accessories

## Pump features

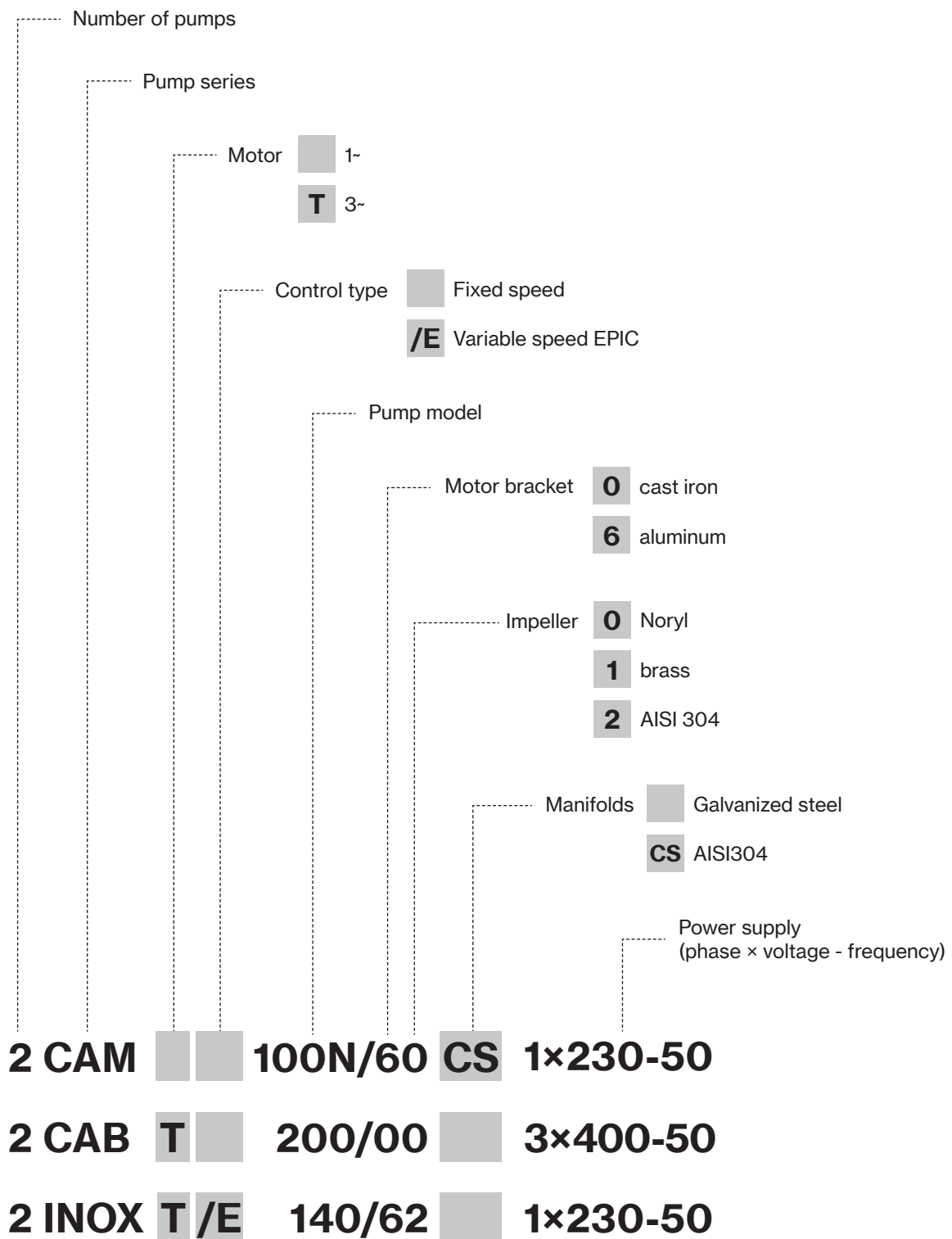
<b>Pump body</b>	stainless steel AISI 304
<b>Motor bracket</b>	aluminum
<b>Impeller</b>	Noryl®, steel AISI 304
<b>Mechanical seal</b>	ceramic-graphite-NBR
<b>Motor shaft</b>	stainless steel AISI 416
<b>Liquid temperature</b>	0 - 50 °C
<b>Operating pressure</b>	max 8 bar
<b>2 Poles induction motor</b>	3- 230/400V - 50Hz 1- 230V - 50Hz
<b>Motor insulation class</b>	F
<b>Motor protection degree</b>	IPX4

## PERFORMANCE

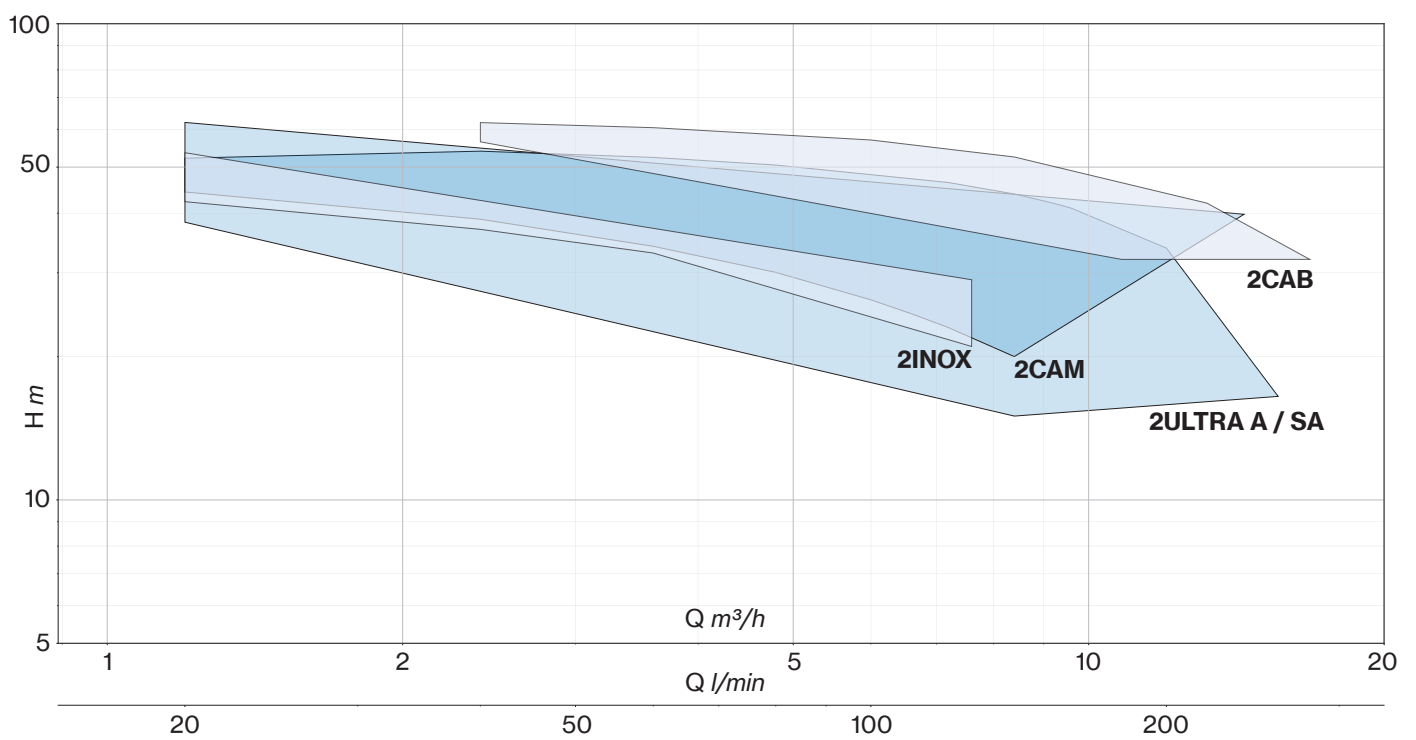
TARGET (2 pumps)		MODEL			P2 NOMINAL		Q (m³/h - l/min)							
		FIXED SPEED		VARIABLE SPEED			0	1,2	2,4	3,6	4,8	6	7,2	7,6
l/min	bar	1- 230V	3- 400V	1- 230V-in 3- 230V-out	HP (x2)	kW (x2)	0	20	40	60	80	100	120	126,6
							H (m)							
80	3	<b>2INOX 100N</b>	<b>2INOXT 100N</b>	<b>2INOXT/E 100N</b>	1	0,74	48,0	42,3	37,0	33,0	29,6	26,2	22,7	21,0
100		<b>2INOX 120</b>	<b>2INOXT 120</b>	<b>2INOXT/E 120</b>	1,2	0,88	53,4	47,4	41,9	37,5	33,7	29,9	26,0	24,3
120		<b>2INOX 140</b>	<b>2INOXT 140</b>	<b>2INOXT/E 140</b>	1,5	1,1	60,2	53,6	47,8	42,4	38,0	34,4	30,5	29,0

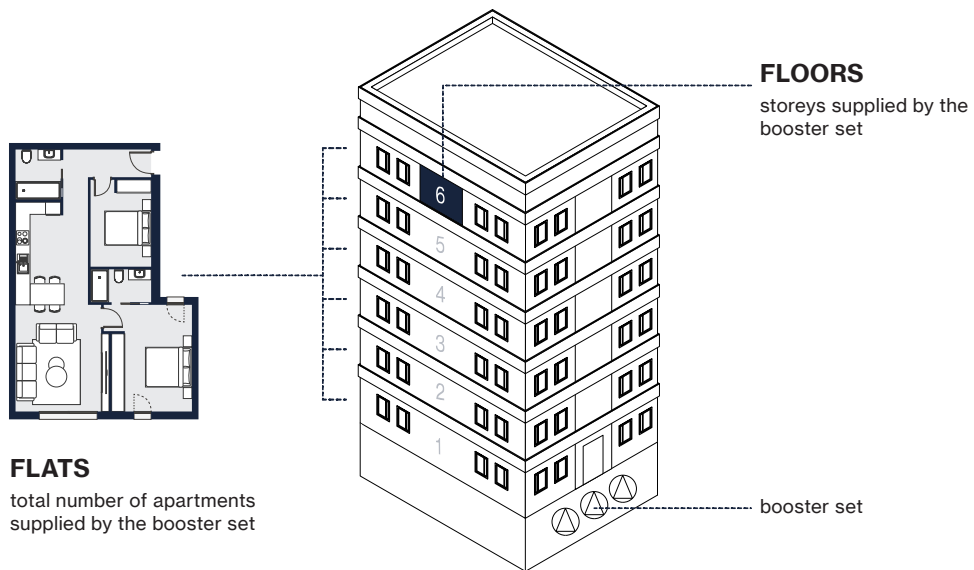


# Name key

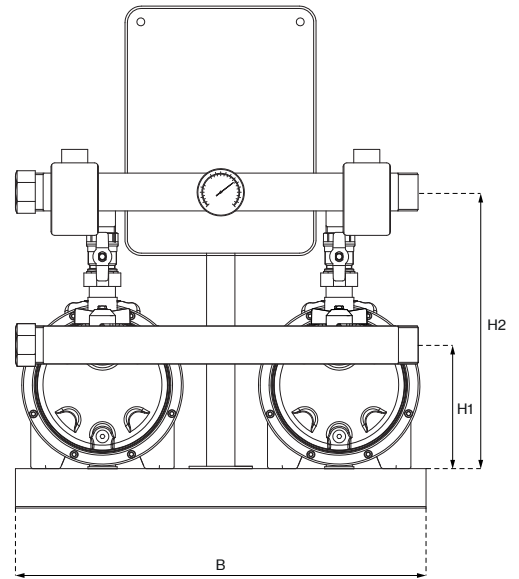
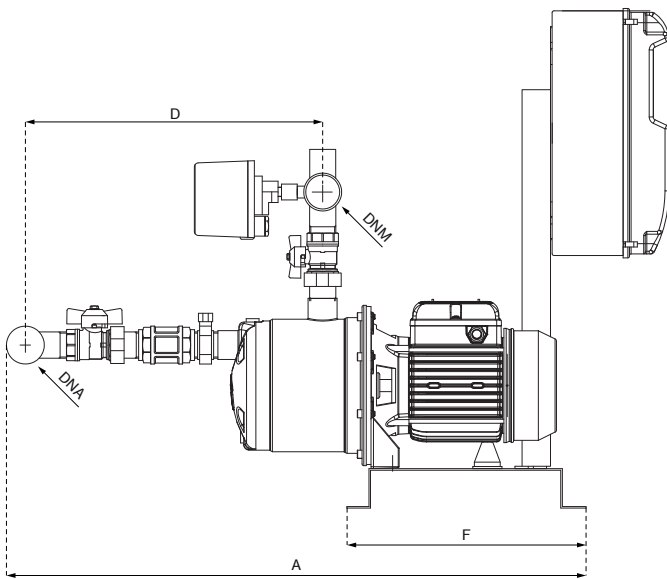
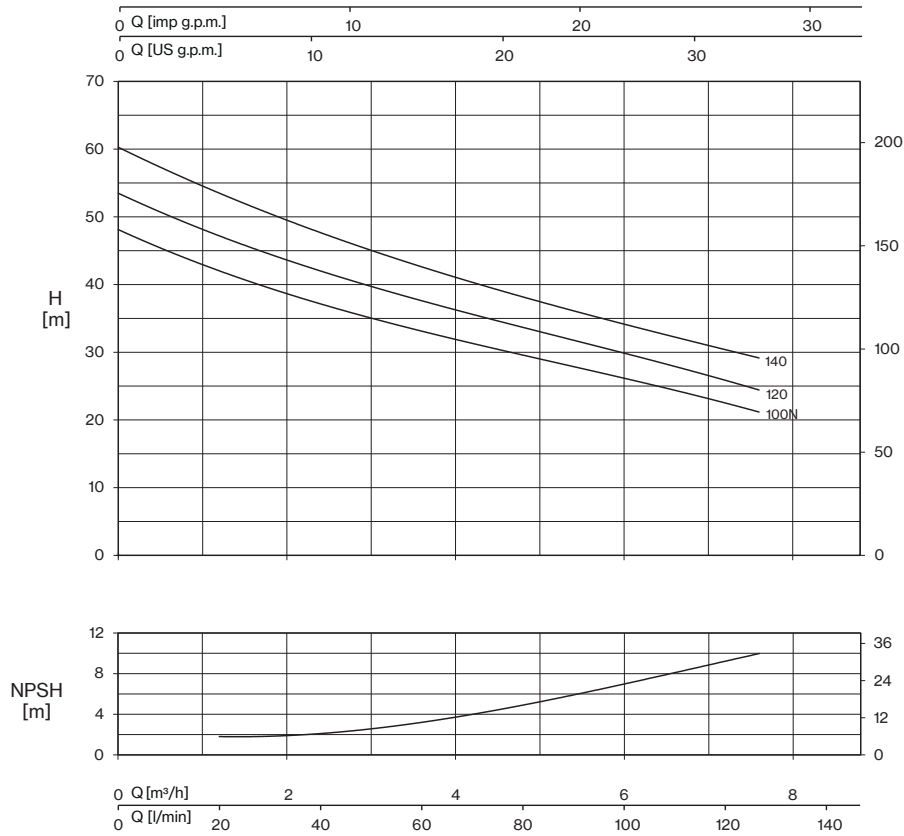


# Performance data and curves





FLATS		FLOORS	ULTRA A series	ULTRA SA series	CAM series	INOX series	CAB series
1 duty and 1 standby pumps	2 duty pumps						
1	1-2	1-2	2U3A_-90/4_	2U3SA_-90/4_	2CAM_100N	2INOX_100N	-
		3	-	2U3SA_-90/4_	2CAM_100N	-	-
2	3-4	1-2	2U3A_-100/5_	2U3SA_-90/4_	2CAM_120	2INOX_120	-
		3	2U3A_-100/5_	2U3SA_-100/5_	2CAM_140	2INOX_140	-
		4	-	2U3SA_-100/5_	2CAM_140	-	-
		5	-	-	-	-	2CAB_150
3-4	5-8	1-2	2U5A_-120/4_	2U5SA_-120/4_	2CAM_140	2INOX_140	-
		3	2U5A_-120/4_	2U5SA_-120/4_	2CAM_150	-	-
		4	2U5A_-150/5_	2U5SA_-150/5_	2CAM_200	-	2CAB_150
		5	2U5A_-150/5_	2U5SA_-150/5_	2CAM_200	-	2CAB_150
		6	2U5A_-150/5_	2U5SA_-150/5_	2CAM_300	-	2CAB_200
		7	-	-	2CAM_300	-	2CAB_200
		8	-	-	-	-	2CAB_300



MODEL			P1		In			Required tank for v.s. Lt	DIMENSIONS								WEIGHT			
FIXED SPEED		VARIABLE SPEED	1-	3-	1- 230V	3- 400V	3- 230V		A	B	D	E	F	H	H1	H2	DNA	DNM	f.s.	v.s.
1- 230V	3- 400V	1- 230V-in 3- 230V-out	kW (x2)		A (x2)				mm										Kg	
2INOX 100N	2INOXT 100N	2INOXT/E 100N	1,04	0,95	4,7	1,7	2,9	2 × 8	740	520	392	50	300	650	153	350	1" ½ G	1" ½ G	42	47
2INOX 120	2INOXT 120	2INOXT/E 120	1,14	1,03	5,2	1,9	3,3	2 × 8	740	520	392	50	300	650	153	350	1" ½ G	1" ½ G	43	48
2INOX 140	2INOXT 140	2INOXT/E 140	1,3	1,23	6	2,5	4,3	2 × 8	740	520	392	50	300	650	153	350	1" ½ G	1" ½ G	44	49

f.s. : fixed speed  
v.s. : variable speed



Dimensions and weights may differ slightly and therefore should be considered as indicative