

FPS

MULTIPLE PUMP BOOSTER PACKAGES

SpecPAK™

VR SERIES

The VR Series SpecPAK™ is a multiple pump booster system that combines our VR Series pumps technology with the versatility of the Franklin control systems. Ideal for variable load applications, our booster systems are designed to match operational demands, as always backed by the unparalleled Franklin Electric Service.



APPLICATIONS:

- Malls
- Hotel
- Apartment Buildings
- Schools
- Hotels
- Hospitals
- Irrigation

franklinagua.com

 **Franklin Electric**

BOOST CONTROL

MULTI PUMP SYSTEM CONTROLLER

The Boost Control developed by Franklin Electric is a controller for pump systems in commercial applications as well as other booster packages. This control method reduces maintenance costs and energy consumption, the full color HMI touch panel offers the user the best monitoring experience and simplicity to control the pumping system. The Boost Control is BMS ready as well as for remote communications thanks to its RS485 Modbu RTU Port.

FEATURES

- NEMA 3R, VFD, one for each pump
- Touch panel HMI on controller for monitoring and operation
- HOA selectors for AUTO - MANUAL operation
- Main breaker and individual breakers for each VFD
- Audible Alarm
- Modbus RS485 system communication
- Multiple Languages (Sp/Eng/Kr)
- Duplex and Triplex packages available. Each pump of the system has its own VFD within the controller. Quad Systems require 2 Boost Control units to operate
- 16 Bar, 4-20 mA transducer included

NOMENCLATURE

FEE 3R - 2 CENP 007 - S2 - 3 - TS

Touch panel HMI
 3 Phases
 Voltage: S2=208/230VAC / S4=460VAC
 HP: 3 - 60HP
 Pump Type : Centrifugal
 Package: 2 = Duplex / 3 = Triplex
 NEMA 3R
 Franklin Electric Enclosure



DUPLEX SYSTEM

SELECTION

BOOST CONTROL SERIES						
VOLTS	HP	KW	AMPS	MODEL	PART NO.	
208 230	3	2.2	18	DPX, 2VFD, N3R, 3HP, 230V, 3F, 18A	FEE3R-2CENP003-S2-3-TS	
	5	3.7	18	DPX, 2VFD, N3R, 5HP, 230V, 3F, 18A	FEE3R-2CENP005-S2-3-TS	
	7.5	5.5	30	DPX, 2VFD, N3R, 7.5HP, 230V, 3F, 30A	FEE3R-2CENP007-S2-3-TS	
	10	7.5	40	DPX, 2VFD, N3R, 10HP, 230V, 3F, 40A	FEE3R-2CENP010-S2-3-TS	
	15	11	56	DPX, 2VFD, N3R, 15HP, 230V, 3F, 56A	FEE3R-2CENP015-S2-3-TS	
460	20	15	69	DPX, 2VFD, N3R, 20HP, 230V, 3F, 69A	FEE3R-2CENP020-S2-3-TS	
	3	2.2	6.9	DPX, 2VFD, N3R, 3HP, 460V, 3F, 6.9A	FEE3R-2CENP003-S4-3-TS	
	5	3.7	10	DPX, 2VFD, N3R, 5HP, 460V, 3F, 10A	FEE3R-2CENP005-S4-3-TS	
	7.5	5.5	16	DPX, 2VFD, N3R, 7.5HP, 460V, 3F, 16A	FEE3R-2CENP007-S4-3-TS	
	10	7.5	23	DPX, 2VFD, N3R, 10HP, 460V, 3F, 23A	FEE3R-2CENP010-S4-3-TS	
	15	11	30	DPX, 2VFD, N3R, 15HP, 460V, 3F, 30A	FEE3R-2CENP015-S4-3-TS	
	20	15	38	DPX, 2VFD, N3R, 20HP, 460V, 3F, 38A	FEE3R-2CENP020-S4-3-TS	
	25	18.5	44	DPX, 2VFD, N3R, 25HP, 460V, 3F, 44A	FEE3R-2CENP025-S4-3-TS	
	30	22	58	DPX, 2VFD, N3R, 30HP, 460V, 3F, 58A	FEE3R-2CENP030-S4-3-TS	
	40	30	75	DPX, 2VFD, N3R, 40HP, 460V, 3F, 75A	FEE3R-2CENP040-S4-3-TS	
	50	37	91	DPX, 2VFD, N3R, 50HP, 460V, 3F, 91A	FEE3R-2CENP050-S4-3-TS	
60	45	107	DPX, 2VFD, N3R, 60HP, 460V, 3F, 107A	FEE3R-2CENP060-S4-3-TS		

TRIPLEX SYSTEM

SELECTION

BOOST CONTROL SERIES						
VOLTS	HP	KW	AMPS	MODEL	PART NO.	
208 230	3	2.2	18	TPX, 3VFD, N3R, 3HP, 230V, 3F, 18A	FEE3R-3CENP003-S2-3-TS	
	5	3.7	18	TPX, 3VFD, N3R, 5HP, 230V, 3F, 18A	FEE3R-3CENP005-S2-3-TS	
	7.5	5.5	30	TPX, 3VFD, N3R, 7.5HP, 230V, 3F, 30A	FEE3R-3CENP007-S2-3-TS	
	10	7.5	40	TPX, 3VFD, N3R, 10HP, 230V, 3F, 40A	FEE3R-3CENP010-S2-3-TS	
	15	11	56	TPX, 3VFD, N3R, 15HP, 230V, 3F, 56A	FEE3R-3CENP015-S2-3-TS	
460	20	15	69	TPX, 3VFD, N3R, 20HP, 230V, 3F, 69A	FEE3R-3CENP020-S2-3-TS	
	3	2.2	6.9	TPX, 3VFD, N3R, 3HP, 460V, 3F, 6.9A	FEE3R-3CENP003-S4-3-TS	
	5	3.7	10	TPX, 3VFD, N3R, 5HP, 460V, 3F, 10A	FEE3R-3CENP005-S4-3-TS	
	7.5	5.5	16	TPX, 3VFD, N3R, 7.5HP, 460V, 3F, 16A	FEE3R-3CENP007-S4-3-TS	
	10	7.5	23	TPX, 3VFD, N3R, 10HP, 460V, 3F, 23A	FEE3R-3CENP010-S4-3-TS	
	15	11	30	TPX, 3VFD, N3R, 15HP, 460V, 3F, 30A	FEE3R-3CENP015-S4-3-TS	
	20	15	38	TPX, 3VFD, N3R, 20HP, 460V, 3F, 38A	FEE3R-3CENP020-S4-3-TS	
	25	18.5	44	TPX, 3VFD, N3R, 25HP, 460V, 3F, 44A	FEE3R-3CENP025-S4-3-TS	
	30	22	58	TPX, 3VFD, N3R, 30HP, 460V, 3F, 58A	FEE3R-3CENP030-S4-3-TS	
	40	30	75	TPX, 3VFD, N3R, 40HP, 460V, 3F, 75A	FEE3R-3CENP040-S4-3-TS	
	50	37	91	TPX, 3VFD, N3R, 50HP, 460V, 3F, 91A	FEE3R-3CENP050-S4-3-TS	
60	45	107	TPX, 3VFD, N3R, 60HP, 460V, 3F, 107A	FEE3R-3CENP060-S4-3-TS		

SpecPAK™

BOOST CONTROL + VR SERIES



FEATURES AND BENEFITS

PACKAGED SYSTEM

The SpecPAK VR Series can hold from 2 to 4 Series VR Pumps as a standard offering. The package comes assembled on a stainless steel base for the pumps and controllers.

TECHNICAL SPECIFICATIONS

The SpecPAK VR Series features Boost Control, pump specific protections, Modbus remote communication ready, Float switch terminals for low water level and a constant pressure mode of operation.

PRESSURE BOOST

The system is ideal for boosting or maintaining pressure for variable loads as well as peak demands.

VERSATILE

Multipump system scalable to up to 6 VR pumps (custom-built) after initial installation to accommodate for future building expansions or an increase in water requirements.

NOMENCLATURE

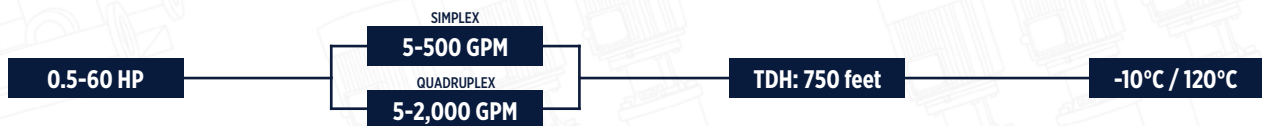
3 SP 30VR012A G-010 S2 G

Pipe Materials: G = Carbon Steel / SS = St. Steel
 Voltage: S2 = 208/230VAC / S4 = 460 VAC
 HP
 Pump Body: G = Cast Iron / N = St. Steel
 Pumps Model
 Series: SpecPAK
 Number of Pumps

VR SERIES

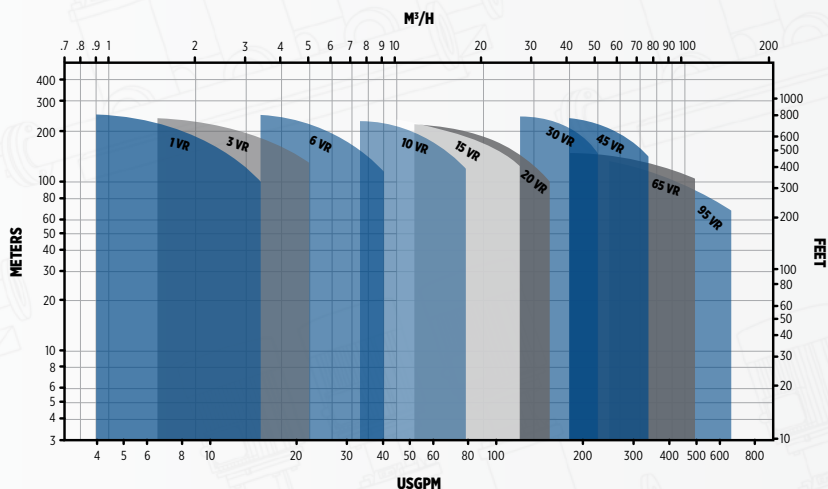
SPECIFICATIONS

The VR Series stainless steel vertical multistage pumps deliver superior efficiency and performance over a large range of applications. Internal components are all St. Steel 316SS, mechanical seal is Silicon Carbide/Silicon Carbide with EPDM Elastomers and SS Springs for optimum sealing. Standard NEMA Marathon motors (no special motor required).



FAMILY CURVE

PERFORMANCE RANGE PER PUMP





Franklin Electric

MONTERREY - MÉXICO

Motores Franklin S.A. de C.V.
Churubusco #1600, Local 16,
Col. Francisco I. Madero,
Monterrey, N.L. 64560
Tel: + 52 (81) 8000 1000